UNIVERSITATEA TEHNICĂ

FACULTATEA DE AUTOVEHICULE RUTIERE, MECATRONICĂ şi MECANICĂ

AVIZUL
COMISIEI DE VERIFICARE A INFORMAȚIILOR DIN FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UTC-N

Comisia de analiză a dosarelor candidaților înscriși la concursurile didactice și de verificare a informațiilor din fișa de verificare a îndeplinirii standardelor UTC-N, numită prin Decizia Rectorului Universității Tehnice din Cluj-Napoca Nr. 926 din 17 decembrie 2021, întrunită în data de 19.01.2022, în urma verificării dosarului candidatului Conf.dr.ing. **Todoruț Adrian** pentru postul de **Profesor – perioadă nedeterminată, poziția 6** din Statul de funcții al Departamentului de Autovehicule Rutiere și Transporturi

avizează

îndeplinirea standardelor minimale de prezentare la concurs.

Componența comisiei și decizia individuală a membrilor acesteia este următoarea:

Președinte:	Prof.dr.ing. Mircea Cristian Dudescu	**:avizează**
Membri:	Prof.dr.ing. Olimpiu Tătar	**:avizează**
	Prof.dr.ing. Istvan Barabas	**:avizează**

B-dul Muncii nr.103-105, 400641 Cluj-Napoca, Romania
tel. +40-264-401603, 401787, tel./fax +40-264-415490, http://www.mecanica.utcluj.ro

Fişa de verificare a îndeplinirii standardelor minimale CNATDCU

Comisia: Inginerie Mecanică, Mecatronică şi Robotică

Nume, Prenume	**TODORUŢ Ioan-Adrian**
Funcţia didactică	**Profesor**
Departamentul	**Autovehicule Rutiere şi Transporturi**
Facultatea	**Autovehicule Rutiere, Mecatronică şi Mecanică**
Universitatea	**Tehnică din Cluj-Napoca**

Concurs de profesor: Conf. Dr. Habil. Ing. Ioan-Adrian TODORUŢ
DOMENIUL: INGINERIE MECANICĂ

Specificatie	Domeniul activitatilor	Indicator	Punctaj obtinut	Punctaj minim grila	Realizare Indicatori
Activitatea didactica/profesionala	A.1.1	N1	4.00	2.00	Indeplinit
		N1.1	2.00	1.00	Indeplinit
		N1.3	5.00	1.00	Indeplinit
	A.1.2	N2	7.00	4.00	Indeplinit
		N.2.1	5.00	2.00	Indeplinit
Activitatea de cercetare	A2.1+A2.3	P1+P2	21.16	10.00	Indeplinit
		P1	21.16	6.00	Indeplinit
	A2.2	N3	21.00	10.00	Indeplinit
		N3.1	8.00	5.00	Indeplinit
	A2.4+A2.5	N4	4.00	2.00	Indeplinit
		N4.3	2.00	1.00	Indeplinit
Recunoasterea impactului activitatii	A3.1	S1+S2	56.72	50.00	Indeplinit
	A3.2	N5	80.00	10.00	Indeplinit
	A3.3	C	1170.82	25.00	Indeplinit
		Total	**1369.70**	**114.00**	

Data: 10.01.2022

Cadru didactic,
Conf. Dr. Habil. Ing. Ioan-Adrian TODORUŢ

N.1.1 **Manuale suport de curs (conf. Fisei disciplinei)**

Format tiparit/electronic (minim 100 pagini)

Prim autor

Nr. Crt	Autorii	Nr. Autori	Titlul	Editura	Anul publicarii	ISBN	punctaj
1	Todoruţ, A.	1	Dinamica accidentelor de circulaţie	U.T.PRESS, Cluj-Napoca	2008	978-973-662-383-7	1.00
2	Todoruţ, A.	1	Bazele dinamicii autovehiculelor. Algoritmi de calcul, teste, aplicaţii	Sincron, Cluj-Napoca	2005	973-9234-60-7	1.00
	Total						**2.00**

N1.2 **Manuale suport de curs (conf. Fisei disciplinei)**

coautor *Format tiparit/electronic (minim 100 pagini)*

Nr. Crt	Autorii	Numar autori	Titlul	Editura	Anul publicarii	ISBN	punctaj
1	Barabás, I.; Todoruţ, I.-A.	2	Combustibili pentru automobile: testare, utilizare, evaluare	U.T.PRESS, Cluj-Napoca	2010	978-973-662-595-4	1.00
2	Cordoş, N.; Burnete, N.; Todoruţ, A.	3	Coliziunea automobilelor	TODESCO, Cluj-Napoca	2003	973-8198-26-7	1.00
	Total						**2.00**

N1.3 **Manuale suport de curs (conf. Fisei disciplinei)**

Format electronic disponibil pe platforma univ/fac/dep -autor

Nr. Crt	Autorii	Adresa de site	Anul postarii	nr. Autori	punctaj
1	Todoruţ, I.-A.; Barabás, I.; Burnete, N.	https://art.utcluj.ro/colectiv/books/todorut/764-4_SASTR.pdf	2018	3	1.00
2	Todoruţ, A.; Cordoş, N.	https://art.utcluj.ro/colectiv/books/todorut/267-0_MF-M_DACR.pdf	2018	2	1.00
3	Todoruţ, A.	https://art.utcluj.ro/colectiv/books/todorut/383-7_DAC.pdf	2019	1	1.00
4	Todoruţ, A.	https://art.utcluj.ro/colectiv/books/todorut/60-7_BDA.pdf	2019	1	1.00
5	Todoruţ, A.; Cordoş, N.; Barabás, I.	https://art.utcluj.ro/colectiv/books/todorut/521-3_EDA.pdf	2021	3	1.00
	Total				5.00

N2.1 Standuri de laborator (constructie/modernizari) certificate de directorul de departament

Nr. Crt.	Denumire stand/an constructie sau modernizare	Anul constructie/ modernizare	Punctaj individual
1	Stand mobil pentru măsurarea încărcărilor dinamice ale punţilor/roţilor autovehiculelor	2019	1.00
2	Stand mobil pentru studiul parametrilor capacităţii de frânare a autovehiculelor	2018	1.00
3	Machete auto funcţionale, echipate cu senzori, pentru studiul depăşirii în siguranţă a autovehiculelor	2018	1.00
4	Stand mobil pentru studiul parametrilor care caracterizează vibraţiile autovehiculelor	2017	1.00
5	Stand - sistem de lanţuri antiderapante automate pentru îmbunătăţirea siguranţei autovehiculelor	2011	1.00
	Total		5.00

N2.2 **Indrumator laborator/carte si maplicatii format tiparit sau electronic**
autor, co-autor

Nr.crt.	Autori	Nr. Autori	Titlul	Anul editarii	ISBN	Punctaj individual
1	Todoruţ, A.; Cordoş, N.	2	Modele fizico-matematice în dinamica accidentelor de circulaţie rutieră, Cluj-Napoca, Editura U.T.PRESS	2017	978-606-737-267-0	1.00
2	Cordoş, N.; Todoruţ, A.	2	Dinamica autovehiculelor pe roţi. Teste şi aplicaţii. Cluj-Napoca, Editura TODESCO	2001	973-99779-9-5	1.00
	Total					**2.00**

N2.3 Aplicatie informatica educationala

autor, co-autor

Nr.crt.	Autori	Nr. Autori	Titlul	Anul editarii	adresa web	Punctaj individual
						0.00
	Total					0.00

N3.1 **Articole si publicatii BDI (neincluse in A2.1)**
prim autor sau autor corespondent

Nr. crt.	Nume autori	Numar autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum/ Numar	Anul publicarii	pagini (de la .. pana la:)	Punctaj individual
1	Todoruţ, A.; Cordoş, N.; Barabás, I., Duma, Irina	4	Possibilities for Assessing the Pre-Collision and Post-Collision Vehicles Speeds, in the Event of Side Collisions, by the Quantity of Motion Conservation Law. https://atna-mam.utcluj.ro/index.php/Acta/article/view/1552/1271, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000694719400005	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 64, Issue I	2021	8 pagini (47-54)	1.00
2	Todoruţ, A.; Cordoş, N.	2	Evaluation of the Vehicle Sideslip Angle According to Different Road Conditions, DOI: https://doi.org/10.1007/978-3-319-94409-8_95, First Online: 30 September 2018, https://link.springer.com/chapter/10.1007/978-3-319-94409-8_95, https://www.springer.com/us/book/9783319944081, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000578264900095	Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), Burnete N., Varga B. (eds), AMMA 2018, Proceedings in Automotive Engineering, Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019 / Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786		2019	6 pagini (814-819)	1.00

3	Todoruţ, A.; Cordoş, N.; Bălcău, Monica	3	Ways to Evaluate the Transversal Stability Parameters of the Vehicles. https://atna-mam.utcluj.ro/index.php/Acta/article/view/ 1010/937, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000468025900006	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 61, Issue III	2018	10 pagini (323-332)	1.00
4	Todoruţ, A.; Cordoş, N.; Bălcău, Monica; Toacă, A.	4	Evaluating the Influence of the Parameters that Characterise the Traffic Incidents by Using the Sensitivity Analysis of the Obtained Results. https://atna-mam.utcluj.ro/index.php/Acta/article/view/980/926, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000437045000005	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 61, Issue II	2018	8 pagini (181-188)	1.00
5	Todoruţ, A.; Cordoş, N.; Barabás, I.; Miheţ, S.	4	Evaluation by Experimental Methods of the Parameters that Influence the Behavior of Various Passenger Cars Classes in the Braking Process. http://link.springer.com/chapter/10.1007/978-3-319-45447-4_8, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400008, Conference Proceedings Citation Index- Science	CONAT 2016 International Congress of Automotive and Transport Engineering (A. Chiru and N. Ispas (eds.)) / ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook)		2017	8 pagini (75-82)	1.00
6	Todoruţ, A.; Cordoş, N.; Marian, A.; Bălcău, Monica	4	Evaluation of the Transversal Stability Parameters for the Vehicles with Two Wheels Locate in Parallel, Segway Type. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/874, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416960900007	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 60, Issue II	2017	12 pagini (205-216)	1.00

7	Todoruţ, A.; Cordoş, N.; Barabás, I.; Bălcău, Monica	4	Algorithm for Plotting the Power and Traction Characteristics of the Motor Vehicles. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/837, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416959000013.	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 60, Issue I	2017	8 pagini (83-90)	1.00
8	Barabás, I.; Todoruţ, I.-A. (autor corespondent)	2	Utilization of Biodiesel-Diesel-Ethanol Blends in CI Engine. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/27137, Chapter 14, pp. 215-234, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/utilization-of-biodiesel-diesel-ethanol-blends-in-ci-engine; http://apps.webofknowledge.com - Web of Science Core Collection – WOS:000385799400015.	Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0		2011	20 pagini (215-234)	1.00
	Total							**8.00**

N3.2 Articole si publicatii BDI (neincluse in A2.1)

co-autor

Nr. crt.	Nume autori	Numar autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum/ Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Punctaj individual
1	Cordoş, N.; Todoruţ, A.; Iclodean, C.; Barabás, I.	4	Influence of the Dynamic Vehicle Load on the Power Losses Required to Overcoming the Rolling Resistance, https://doi.org/10.1007/978-3-030-32564-0_23, https://link.springer.com/content/pdf/10.1007%2F978-3-030-32564-0_23.pdf, https://link.springer.com/book/10.1007/978-3-030-32564-0, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000528526600023	Proceedings of the 30th SIAR International Congress of Automotive and Transport Engineering – "Science and Management of Automotive and Transportation Engineering - 4th edition", 23-25 October, 2019, Craiova, Romania, © Springer Nature Switzerland AG 2020, pp. 195–202, 2020. SMAT 2019, Springer, ISBN 978-3-030-32563-3, ISBN 978-3-030-32564-0 (eBook), Dumitru, I., Covaciu, D., Racila, L., Rosca, A. (Editors)		2020	8 pagini (195-202)	1.00

2	Cordoş, N.; Todoruţ, A.	2	Influences of the Suspensions Characteristics on the Vehicle Stability, DOI: https://doi.org/10.1007/978-3-319-94409-8_94, First Online: 30 September 2018, https://link.springer.com/ chapter/10.1007/978-3-319-94409-8_94, https://www.springer.com/us/book/9783319944081, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000578264900094.	Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), Burnete N., Varga B. (eds), AMMA 2018, Proceedings in Automotive Engineering, Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786		2019	6 pagini (808-813)	1.00
3	N Cordoş, A Todoruţ, I Barabás	3	Evaluation of the tire pressure influence on the lateral forces that occur between tire and road. http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012011/meta;jsessionid=DE1B4ACD284A67A38A3D660D319F68BE.c1.iopscience.cld.iop.org, http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200011	CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, IOP Conference Series: Materials Science and Engineering / ISSN: 1757-8981	Volume 252, 012011 / ISSN: 1757-8981	2017	6 pagini (1-6)	1.00
4	I Barabás, A Todoruţ, N Cordoş, A Molea	4	Current challenges in autonomous driving. http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012096/meta;jsessionid=EAD0BD9FCE7D5CED19720AF4DFFCD19E.c2.iopscience.cld.iop.org, http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200096	CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, IOP Conference Series: Materials Science and Engineering / ISSN: 1757-8981	Volume 252, 012096, ISSN: 1757-8981	2017	6 pagini (1-6)	1.00

5	Barabás, I.; Todoruţ, A.; Cordoş, N.	3	Estimation of Boiling Points of Brake Fluids. http://link.springer.com/chapter/10.1007/978-3-319-45447-4_24, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400024, Conference Proceedings Citation Index- Science	CONAT 2016 International Congress of Automotive and Transport Engineering (A. Chiru and N. Ispas (eds.)) / ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook)		2017	8 pagini (209-216)	1.00
6	Cordoş, N.; Todoruţ, A.; Barabás, I.; Mureşan, R.D.	4	Evaluation of the Behavior in Cornering for Different Classes of Passenger Cars by Numerical Modeling. http://link.springer.com/chapter/10.1007/978-3-319-45447-4_9, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400009, Conference Proceedings Citation Index- Science	CONAT 2016 International Congress of Automotive and Transport Engineering (A. Chiru and N. Ispas (eds.)) / ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook)		2017	7 pagini (83-89)	1.00
7	Cordoş, N.; Todoruţ, A.; Burdea, M.D.; Bălcău, Monica	4	Comparative study on the dynamic axle loads and on the dynamic wheels loads of different classes cars. http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/903, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416962000007	Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering / ISSN 1221-5872	Vol. 60, Issue III	2017	12 pagini (377-388)	1.00
8	Cordoş, N.; Todoruţ, A.; Barabás, I.	3	Exhaust Emissions of a Medium Power Diesel Engine Operated with Biodiesel. doi:10.4028/www.scientific.net/AEF.8-9.93, http://www.ttp.net/2234-9898.html, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000323184000012	Advanced Engineering Forum / ISSN 2234-991X	Vols. 8-9	2013	10 pagini (93-102)	1.00

9	Barabás, I.; Todoruţ, I.-A.	2	Biodiesel Quality, Standards and Properties. In: Biodiesel-Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/25370, Chapter 1, pp. 3-28, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/biodiesel-quality-standards-and-properties, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000385799400002	Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0		2011	26 pagini (3-28)	1.00
10	Barabás, I.; Todoruţ, I.-A.; Kocsis, L.B.; Băldean, D.L.	4	Automated Test Bench for Study of the Fuel Injection Process. http://www.ttp.net/1012-0394.html, doi:10.4028/www.scientific.net/SSP.166-167.39, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000289532000005	The 5th International Conference: Robotics 2010, Cluj-Napoca, Solid State Phenomena / ISSN: 1012-0394, ISBN / ISBN-13: 3-908451-88-4 / 978-3-908451-88-4	Vols. 166-167	2010	6 pagini (39-44)	1.00
11	Barabás, I.; Todoruţ, A.	2	Chassis Dynamometer and Road Test Performances of Biodiesel-Diesel Fuel-Bioethanol Blend. http://papers.sae.org/2010-01-2139/, http://www.sae.org/calendar/techsess/182214. pdf. http://www.sae.org/technical/papers/2010-01-2139, http://www.scopus.com	SAE2010, Powertrains Fuels & Lubricants Meeting / ISSN 0148-7191		2010	12 pagini	1.00
12	Barabás, I.; Todoruţ, A.	2	Key Fuel Properties of Biodiesel-diesel fuel-ethanol Blends. http://www.sae.org/ technical/papers/2009-01-1810, http://papers.sae.org/2009-01-1810, http://www.scopus.com	SAE2009 International Powertrains, Fuels and Lubricants Meeting / ISSN 0148-7191		2009	6 pagini	1.00

13	Cordoş, N.; Filip, N.; Burnete, N.; Todoruţ, A.; Holom, F.	5	Experimental research regarding automobiles brake capacity. http://www.scopus.com	8th Mini Conference on Vehicle System Dynamics, Identification and Anomalies, (Proceedings of VSDIA2002) / ISBN 963-420-817-7	2002	7 pagini (425-431)	1.00
	Total						**13.00**

P1.1 Articole și publicații științifice indexate Web of Science - Thomson Reuters *, **

Autor corespondent/Prim autor *maxim 3 autori*

Nr. crt.	Autor corespondent=2; Prim autor=1	Nume autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum/Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact in anul publicarii	Punctaj individual pt n max 3
1	1	Todoruț, A.; Cordoș, N.; Iclodean, C.	Replacing the diesel buses with electric buses for sustainable public transportation and reduction the CO2 emissions	Polish Journal of Environmental Studies (Pol. J. Environ. Stud.) / ISSN: 1230-1485, eISSN: 2083-5906	Vol. 29, No. 5 (2020), Acceptance date: 2019-10-08, Online publication date: 2020-03-05, DOI: https://doi.org/10.15244/pjoes/112899, http://www.pjoes.com/Replacing-Diesel-Buses-with-Electric-Buses-nfor-Sustainable-Public-Transportation,112899,0,2.html	2020	13 pagini (3339-3351)	1.699	3.80
2	1	Todoruț, A.; Molea, A.; Barabás, I.	Predicting the Temperature and Composition-Dependent Density and Viscosity of Diesel Fuel–Ethanol Blends	Polytechnica Chemical Engineering (Period. Polytech. Chem. Eng.) / Online ISSN: 1587-3765, Print ISSN: 0324-5853	64(2), 2020, Published online: 02 December 2019, https://pp.bme.hu/ch/article/view/14757/8560, doi: https://doi.org/10.3311/PPch.14757	2020 (2019-online)	8 pagini (213-220)	1.571	3.54
		Total							7.34

* Trebuie sa fim atenti sa nu raportam lucrari ca fiind publicate intr-un jurnal cu IF (de exemplu, din Elsevier) cand, de fapt, ele sunt publicate intr-un jurnal cu un titlu asemanator

** Nu se iau in considerare decat lucrarile in extenso (cu cel putin 6 pagini, prin exceptie putand avea si minim 4 pagini), in niciun caz abstracte, indiferent ca au aparut intr-un Book of abstracts, sau intr-un jurnal.

P1.2 Articole și publicații științifice indexate Web of Science - Thomson Reuters *, **

Autor corespondent/Prim autor *mai mult de 4 autori inclusiv*

Nr. crt.	Autor corespondent =2; Prim autor= 1	Numar autori	Nume autori	Titlul lucrarii	Denumire Jurnal/ ISSN	Volum/ Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact in anul publicarii	Punctaj individual
										0.00
			Total							0.00

P1.3 **Articole și publicații științifice indexate Web of Science - Thomson Reuters**

co-autor *maxim 3 autori*

Nr.crt	Nume autori	Titlul lucrarii	Denumire Jurnal/ ISSN	Volum/Numar	Anul publicarii	nr. pagini (de la ., pana la:)	Factor de impact in anul publicarii	Numar autori	Punctaj individual
1	Iclodean, C.; Cordoș, N.; Todoruț, A.	Analysis of the Electric Bus Autonomy Depending on the Atmospheric Conditions	Energies / ISSN 1996-1073	Volume 12, Issue 23, 4535, https://doi.org/10.3390/en12234535, https://www.mdpi.com/1996-1073/12/23/4535	2019	23 pagini (1-23)	3.004	3	3.20
2	Barabás, I.; Todoruţ, I.-A.	Predicting the Temperature Dependent Viscosity of Biodiesel – Diesel – Bioethanol Blends	Energy & Fuels /ISSN 0887-0624 (Print Edition), ISSN: 1520-5029 (Web Edition)	Volume 25, Issue 12, http://pubs.acs.org/doi/abs/10.1021/ef2007936	2011	8 pagini (5767-5774)	3.605	2	3.81
3	Barabás, I.; Todoruţ, A.; Băldean, D.	Performance and emission characteristics of an CI engine fueled with diesel-biodiesel-bioethanol blends	Fuel / ISSN 0016-2361	Volume 89, Issue 12, http://dx.doi.org/10.1016/j.fuel.2010.07.011, http://www.sciencedirect.com/science/article/pii/S0016236110003583	2010	6 pagini (3827-3832)	6.609	3	6.81
	Total								**13.82**

P1.4 **Articole și publicații științifice indexate Web of Science - Thomson Reuters**

co-autor *mai mult de 3 autori*

Nr. crt	Nume autori	Titlul lucrarii	Denumire Jurnal/ISSN	Volum/ Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact în anul publicarii	Numar autori	Punctaj individual
									0.00
Total									0.00

P2.1<4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Prim autor/autor corespondent *maxim 3 autori*

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0.00
	Total				0.00

P2.1>4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Prim autor/autor corespondent *minim 4 autori*

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0.00
	Total				0.00

P2.2<4 **Brevete indexate OSIM**

Prim autor/autor corespondent *maxim 3 autori*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
	Total				0.00

P2.2>4 **Brevete indexate OSIM**

Prim autor/autor corespondent *minim 4 autori inclusiv*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
	Total				**0.00**

P2.2.1<4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Co-autor *maxim 3 autori*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
	Total				0.00

P2.2.1>4 **Brevete internationale indexate in Web of Science-Derwent Innovation**

Co-autor *minim 4 autori inclusiv*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
	Total				0.00

P2 2 2<4 **Brevete indexate OSIM; co-autor;**

maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
	Total				0.00

P2.2.2>4 **Brevete indexate OSIM; co-autor;**

minim 4 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
		Total			0.00

N4.1-2 Produse, tehnologii, platforme şi servicii inovative (validate conform procedurilor specifice unităţilor de învăţământ superior sau de cercetare)

Nr.crt.	Denumire produs	anul validarii/mod validare (procedura)	Numar contributori	Calitatea:1 - coordonator; 2 membru in echipa	Punctaj individual
					0.00
	Total				0.00

N4.3 Monografii/cărţi de specialitate, format tipărit/electronic (min. 100 pag.)

prim autor

Nr.crt.	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
1	Todoruţ, A.; Cordoş, N.; Barabás, I.	Elemente de dinamica autovehiculelor	U.T.PRESS, Cluj-Napoca	2021	978-606-737-521-3	276	1.00
2	Todoruţ, I.-A.; Barabás, I.; Burnete, N.	Siguranţa autovehiculelor şi securitatea în transporturi rutiere	U.T.PRESS, Cluj-Napoca	2012	978-973-662-764-4	360	1.00
	Total						2.00

N4.4 **Monografii/cărţi de specialitate, format tipărit/electronic (min. 100 pag.)**

co - autor

Nr.crt.	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
1	Barabás, I.; Todoruţ, I.-A.; Zöldy, M. et al.	Energy Science and Technology, Volume 3: Oil and Natural Gas, Chapter 21, The Potential of Biodiesel–Petrodiesel–Bioethanol Blends as an Alternative Fuel for Compression Ignition Engines	Studium Press LLC, U.S.A., Houston, Editors: Umesh Chandra Sharma, Ram Prasad, Sri Sivakumar, Executive Editor: J.N. Govil	2015	ISBN 978-1-626990-64-7, ISBN 1-62699-064-6, Series ISBN 1-62699-061-1	644	1.00
2	Burnete, N.; Băţaga, N.; Brânzaş, P.; Naghiu, A.; Filip, N.; Barabás, I.; Todoruţ, A.; Cordoş, N.N.; Chintoanu, M.; Coman, Virginia; Ábrahám, B.; Ivan, I.; Coldea, C.; Varga, B.; Costea, C.; Borza, E.; Vlad, N.	Rapiţa - o provocare pentru fermieri şi energeticieni	Sincron, Cluj-Napoca	2004	973-9234-57-7	218	1.00
	Total						2.00

N5 Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat

Nr. Crt.	Tipul activitatii: conferinta/congres=1; workshop international=2; profesor invitat=3	Denumire Congress, workshop/institutia unde a fost invitat	Anul /perioada (pt. prof. invitat)	Titlul lucrarii sustinute in calitate de autor sau co-autor/ Prelegeri expuse pt profesor invitat	link email/alte modalitati de justificare a activitatii	Punctaj realizat
1	1	The 30th SIAR International Congress of Automotive and Transport Engineering "Science and Management of Automotive and Transportation Engineering - SMAT2019 - 4th edition", 23-25 October, 2019, Craiova, Romania	2019	Cordoş, N.; Todoruţ, A.; Iclodean, C.; Barabás, I. (2020). Influence of the Dynamic Vehicle Load on the Power Losses Required to Overcoming the Rolling Resistance. In: Dumitru, I., Covaciu, D., Racila, L., Rosca, A. (Editors), Proceedings of the 30th SIAR International Congress of Automotive and Transport Engineering – "Science and Management of Automotive and Transportation Engineering - 4th edition", 23-25 October, 2019, Craiova, Romania, © Springer Nature Switzerland AG 2020, pp. 195–202, 2020. SMAT 2019, Springer, ISBN 978-3-030-32563-3, ISBN 978-3-030-32564-0 (eBook), Web of Science Core Collection, WOS:000528526600023.	https://doi.org/10.1007/978-3-030-32564-0_23, https://link.springer.com/content/pdf/10.1007%2F978-3-030-32564-0_23.pdf, https://link.springer.com/book/10.1007/978-3-030-32564-0, http://apps.webofknowledge.com	1.00
2	1	The IVth International Congress of Automotive and Transport Engineering – "Automobiles, Mobility, Modeling and Alternative solution – AMMA2018", 17-19 octombrie 2018, Cluj-Napoca, Romania	2018	Todoruţ, A.; Cordoş, N. Evaluation of the Vehicle Sideslip Angle According to Different Road Conditions. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 814-819. AMMA 2018. Proceedings in Automotive Engineering. Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_95, First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786, Web of Science Core Collection, WOS:000578264900095.	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_95, https://www.springer.com/us/book/9783319944081, http://apps.webofknowledge.com	1.00

3	1	The IVth International Congress of Automotive and Transport Engineering – "Automobiles, Mobility, Modeling and Alternative solution – AMMA2018", 17-19 octombrie 2018, Cluj-Napoca, Romania	2018	Cordoş, N.; Todoruţ, A. Influences of the Suspensions Characteristics on the Vehicle Stability. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 808-813. AMMA 2018. Proceedings in Automotive Engineering. Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_94, First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786, Web of Science Core Collection, WOS:000578264900094.	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_94, https://www.springer.com/us/book/9783319944081, http://apps.webofknowledge.com	1.00
4	1	CAR-2017, The International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017	2017	I Barabás, A Todoruţ, N Cordoş, A Molea. Current challenges in autonomous driving. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252, 012096, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ştefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012096, (I Barabás et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 252 012096), http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200096.	http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012096/meta;jsessionid=EAD0BD9FCE7D5CED19720AF4DFFCD19E.c2.iopscience.cld.iop.org	1.00
5	1	CAR-2017, The International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017	2017	N Cordoş, A Todoruţ, I Barabás. Evaluation of the tire pressure influence on the lateral forces that occur between tire and road. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252, 012011, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ştefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012011, (N Cordoş et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 252 012011), http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200011.	http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012011/meta;jsessionid=DE1B4ACD284A67A38A3D660D319F68BE.c1.iopscience.cld.iop.org	1.00

6	CONAT 2016, The International Congress of Automotive and Transport Engineering, Brasov, Romania, 26-29 October,	1 2016	Todoruţ, A.; Cordoş, N.; Barabás, I.; Miheţ, S. Evaluation by Experimental Methods of the Parameters that Influence the Behavior of Various Passenger Cars Classes in the Braking Process. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_8, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 75-82, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400008, Conference Proceedings Citation Index- Science.	http://link.springer.com/chapter/10.1007/978-3-319-45447-4_8	1.00
7	CONAT 2016, The International Congress of Automotive and Transport Engineering, Brasov, Romania, 26-29 October,	1 2016	Barabás, I.; Todoruţ, A.; Cordoş, N. Estimation of Boiling Points of Brake Fluids. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_24, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 209-216, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400024, Conference Proceedings Citation Index- Science.	http://link.springer.com/chapter/10.1007/978-3-319-45447-4_24	1.00
8	CONAT 2016, The International Congress of Automotive and Transport Engineering, Brasov, Romania, 26-29 October,	1 2016	Cordoş, N.; Todoruţ, A.; Barabás, I.; Mureşan, R.D. Evaluation of the Behavior in Cornering for Different Classes of Passenger Cars by Numerical Modeling. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_9, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 83-89, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400009, Conference Proceedings Citation Index- Science.	http://link.springer.com/chapter/10.1007/978-3-319-45447-4_9	1.00

9	1	3rd International Congress Science and Management of Automotive and Transportation Engineering (SMAT2014) 23rd - 25th of October 2014, Craiova, Romania	2014	Cordoş, N.; Zsoldics, B.; Todoruţ, A.; Barabás, I.; Bălcău, Monica. Evaluation of the parameters that influencing the vehicles equilibrium state of cornering displacement. În: 3rd International Congress Science and Management of Automotive and Transportation Engineering (SMAT2014) 23rd - 25th of October 2014, Craiova, Romania, Section: Modern Transport Systems and Road Traffic, Paper Identification Number: SMAT 2014-MTSRT41, Proceeding, Tome I, pg. 171-180, Published by Universitaria Craiova, ISBN: 978-606-14-0864-1, 978-606-14-0865-8.	http://mecanica.ucv.ro/ViataAcademica/Conferinte/smat2014/Pages/Program%20SMAT%202014.pdf	1.00
10	1	3rd AMMA International Congress "Automotive, Motor, Mobility, Ambient" - AMMA 2013, 17-19 October 2013	2013	Todoruţ, I.-A.; Barabás, I.; Cordoş, N.; Moldovanu, D.; Bălcău, Monica. The evaluation of kinematic measures within the process of overtaking motor vehicles. În: 3rd AMMA International Congress "Automotive, Motor, Mobility, Ambient" - AMMA 2013, 17-19 October 2013. Paper Identification Number: AMMA2013_412. Published - Acta Technica Napocensis - Scientific Journal of Technical University of Cluj-Napoca, Series Environmental Engineering & Sustainable Development Entrepreneurship (EESDE), Special Edition AMMA 2013, Volume 3, Issue 1, Special Edition (January – March 2014), pg. 29-44, ISSN: 2284-743X; ISSN-L: 2284-743X, U.T.Press Publishing House Cluj-Napoca.	http://amma2013.utcluj.ro/images/program.pdf, http://imadd.utcluj.ro/eesde/welcome.html, http://imadd.utcluj.ro/eesde/welcome_files/Special%20Edition%20AMMA_2013_1.pdf	1.00
11	1	CAR2011, The 10th International Automotive Congress "Automotive and Environment" from 2th to 4th of November, Pitesti, Romania	2011	Todoruţ, I.-A.; Barabás, I.; Burnete, N.V.; Budişan, T. The dynamic loads' evaluation from the crank mechanism of the diesel engine fueled with biodiesel obtained from used sunflower oil. In: The 10th International Automotive Congress "Automotive and Environment" CAR2011, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20111298, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2011/CAR2011-1298, https://go.fisita.com/store/papers/CAR2011/CAR2011-1298	Paper Code: CAR2011/CAR2011-1298, https://go.fisita.com/store/papers/CAR2011/CAR2011-1298	1.00

12	CAR2011, The 10th International Automotive Congress "Automotive and Environment" from 2th to 4th of November, Pitesti, Romania	1	2011	Barabás, I.; Todoruţ, I.-A.; Bălcău, Monica. Fitting biodiesel-diesel-bioethanol blends to CI engines. In: the 10th International Automotive Congress "Automotive and Environment" CAR2011, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20111292, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2011/CAR2011-1292, https://go.fisita.com/store/papers/CAR 2011/CAR2011-1292.	Paper Code: CAR2011/CAR2011-1292, https://go.fisita.com/store/papers/CAR 2011/CAR2011-1292	1.00
13	The XXV. microCAD - International Scientific Conference, microCAD2011, 31 March – 1 April, University of Miskolc, Hungary	1	2011	Barabás, I.; Todoruţ, A. Studies on Compatible Fuel Properties of Biodiesel–Diesel Fuel–Bioethanol Blends for Fuel Use in Compression Ignition Engines. În: The XXV. microCAD - International Scientific Conference, microCAD2011, 31 March – 1 April, University of Miskolc, Hungary. Section A: Environmental and Energy Management, pg. 15-20. Kiadja a Miskolci Egyetem Innovációs és Technológia Transzfer Centruma; Nyomdaszám: ME.Tu-162/2011. ISBN 978-963-661-954-1.	http://www.uni-miskolc.hu/~microcad/a.html	1.00
14	The XIth Edition, International Congress on Automotive and Transport Engineering, CONAT2010, Braşov, 27-29 October	1	2010	Barabás, I.; Todoruţ, A.; Kocsis, L.; Ignat, A.D. Rapid fuel properties estimation through chemometric modeling of nir spectra. În: International Congress on Automotive and Transport Engineering, CONAT2010, Braşov, The XIth Edition, 27-29 October, Volume III of VI, pg. 153-160, ISSN 2069-0401, Paper Identification Number: CONAT20102032.	Paper Identification Number: CONAT20102032	1.00
15	The 5th International Conference: Robotics 2010, Cluj-Napoca, Romania, 23-25 September	1	2010	Barabás, I.; Todoruţ, I.-A.; Kocsis, L.B.; Băldean, D.L. Automated Test Bench for Study of the Fuel Injection Process. În: The 5th International Conference: Robotics 2010, Cluj-Napoca, Romania, 23-25 September. Solid State Phenomena Vols. 166-167/2010, pg. 39-44, ISSN: 1012-0394, ISBN / ISBN-13: 3-908451-88-4 / 978-3-908451-88-4, Phenom Publisher: Trans Tech Publications Ltd, Switzerland, doi:10.4028/www.scientific.net/SSP.166-167.39. Indexed by Elsevier: SCOPUS -http://www.scopus.com. EI Compendex (CPX) - www.ei.org/, Cambridge Scientific Abstracts (CSA) - www.csa.com, Chemical Abstracts (CA) - www.cas.org, Google and Google Scholar - google.com, Institution of Electrical Engineers (IEE) - www.iee.org, ISI (ISTP, CPCI, Web of Science - http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000289532000005) - www.isinet.com etc.	http://www.ttp.net/1012-0394.html	1.00

16	3	18th International Conference in Mechanical Engineering, OGÉT2010, Baia Mare, April 22-25, 2010 - Profesor invitat	2010	Barabás, I.; Todoruţ, A.; Kocsis, L. Research on Diesel Fuel-biodiesel-etanol Blends. În: 18th International Conference in Mechanical Engineering, OGÉT2010 - Presented at the OGÉT plenary session, Baia Mare, April 22-25, pg. 11-16. Print Incitato, Cluj-Napoca, ISSN 2068-1267.	http://oget.emt.ro/emt_oget_program_2010.pdf	1.00
17	1	18th International Conference in Mechanical Engineering, OGÉT2010, Baia Mare, April 22-25, 2010	2010	Barabás, I.; Todoruţ, A.; Kocsis, L. Comparative Road Performance Test Results of Biodiesel-diesel Fuel-ethanol Blends. În: 18th International Conference in Mechanical Engineering, OGÉT2010, Baia Mare, April 22-25, pg. 52-55. Print Incitato, Cluj-Napoca, ISSN 2068-1267.	http://oget.emt.ro/emt_oget_program_2010.pdf	1.00
18	1	The 8th International Automotive Congress - ESFA2009, 12-14 November, Bucharest, Romania	2009	Barabás, I.; Todoruţ, A.; Burnete, N. Comparative Performance and Emissions Study of a Direct Injection Diesel Engine using Bio-Diesel obtained from used Cooking Oil. In: The 8th International Automotive Congress - ESFA2009, 12-14 November, Bucharest, Romania. Fuel Economy, Safety and Reliability of Motor Vehicles, Volume 1, Published by Politehnica Press, Bucharest, ISSN: 2067-1083, pg. 67-72. Paper Identification Number: E09A106, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: ESFA09/E09A106, https://go.fisita.com/store/papers/ESFA09/E09A106.	Paper Code: ESFA09/E09A106, https://go.fisita.com/store/papers/ESFA09/E09A106	1.00
19	1	12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, Slovakia	2009	Barabás, I.; Todoruţ, A.; Băldean, D.; Suciu, F. Experimental study on the spray characteristics for diesel fuel and biodiesel-diesel fuel-bioethanol blends. În: 12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, Slovakia. Published by: Slovak Society of Automotive Engineers Bratislava c/o SjF STU, Nám. slobody 17, 812 31 Bratislava, Slovak Republic. Edited by: E&CC Intenzíva Ltd, BIZNISUITE, Kutlíkova 17, 851 02 Bratislava. Printed and bound by: AD Team Ltd., Poľná 25/2974, 917 01 Trnava, Slovak Republic, ISBN: 978-80-969243-8-7. Paper Identification Number: E2009-02-009.	Paper Identification Number: E2009-02-009	1.00

20	1	12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, Slovakia	2009	Barabás, I.; Todoruţ, A.; Băldean, D.; Suciu, F. Key fuel properties of biodiesel-diesel-bioethanol blends which influence the spray process. În: 12th EAEC European Automotive Congress, Bratislava, EAEC2009, June 29 to July 1, Bratislava, Slovakia. Published by: Slovak Society of Automotive Engineers Bratislava c/o SjF STU, Nám. slobody 17, 812 31 Bratislava, Slovak Republic. Edited by: E&CC Intenzíva Ltd, BIZNISUITE, Kutlíkova 17, 851 02 Bratislava. Printed and bound by: AD Team Ltd., Poľná 25/2974, 917 01 Trnava, Slovak Republic, ISBN: 978-80-969243-8-7. Paper Identification Number: E2009-02-013.	Paper Identification Number: E2009-02-013	1.00
21	1	International Powertrains, Fuels and Lubricants Meeting, June 15-17, 2009, Florence, Italy	2009	Barabás, I.; Todoruţ, A. Key Fuel Properties of Biodiesel-diesel fuel-ethanol Blends. În: SAE2009 International Powertrains, Fuels and Lubricants Meeting, June 15-17, 2009, Florence, Italy. Session: Alternative and Advanced Fuels. Paper Identification Number: 09SFL-0256_2009-01-1810, ISSN 0148-7191, DOI: 10.4271/2009-01-1810, http://www.scopus.com.	http://www.sae.org/ technical/papers/2009-01-1810; http://papers.sae.org/2009-01-1810	1.00
22	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Efrim, R.M.; Todoruţ, A. (coordinator) (2009). Study about improvement of the driver's protection by redesigning of the steering-wheel's column of the car Dacia Logan. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 37-42, ISSN 2066-9577.		1.00
23	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Gavrilaş, C.A.; Todoruţ, A. (coordinator) (2009). Study about the reconstruction of the accidents between a car and a motorcycle. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 43-48, ISSN 2066-9577.		1.00
24	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Iancu, A.C.; Todoruţ, A. (coordinator) (2009). The evaluation of wheeled vehicle cornering parametres through computer simulation. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 49-54, ISSN 2066-9577.		1.00

25	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Mnere, N.; Todoruţ, A. (coordinator) (2009). A study on motor vehicle performances by numerical simulation. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 59-64, ISSN 2066-9577.	1.00
26	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Obreja, M.V.; Todoruţ, A. (coordinator) (2009). The study on evaluation of energy consumption of vehicles collision. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 65-68, ISSN 2066-9577.	1.00
27	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Pogăcean, A.C.; Todoruţ, A. (coordinator) (2009). Study on the stability of vehicles on wheels, through computer simulation. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 69-74, ISSN 2066-9577.	1.00
28	1	The 1st International Symposium on Green Energy, ISGE2009, Section 1 - Automobile and Environment, Cluj-Napoca, 14 may 2009	2009	Polhac, D.; Todoruţ, A. (coordinator) (2009). The evaluation of improvement posibilities of braking parametres of vehicles for improving road safety. În: Acta Mecanica of the Technical University of Cluj-Napoca, Anul I, Nr. 2. The 1st International Symposium on Green Energy, ISGE2009, Section 1: Automobile and Environment, Cluj-Napoca, 14 may, Editura U.T.PRESS, pg. 75-78, ISSN 2066-9577.	1.00
29	1	The XXIII microCAD2009 - International Scientific Conference, 19-20 March, University of Miskolc, Hungary	2009	Barabás, I.; Todoruţ, A.; Burnete, N. (2009). Possibilities of Recycling used Cooking Oil by Converting to Biofuels for Powering Compression Ignition Engines. În: The XXIII. microCAD2009 - International Scientific Conference, 19-20 March, University of Miskolc, Hungary. Section B: Waste Processing and Recycling, pg. 1-6. Kiadja a Miskolci Egyetem Innovációs és Technológia Transzfer Centruma; Nyomdaszám: ME.Tu-109/2009. ISBN 978-963-661-866-7 Ö; ISBN 978-963-661-868-1.	1.00

30	1	The XXII microCAD2008 - International Scientific Conference, 20-21 March, University of Miskolc, Hungary	2008	Barabás, I.; Todoruţ, A.; Suciu, F.; Baldean, D. (2008). Viscosity of Biodiesel-Diesel-Bioethanol Blends. În: microCAD2008 - International Scientific Conference, 20-21 March, University of Miskolc, Hungary. Section C: Non-Conventional Energy Resources-Research and Utilization, pg. 77-82. Kiadja a Miskolci Egyetem Innovációs és Technológia Transzfer Centruma; Nyomdaszám: ME.Tu-174/2008. ISBN 978-963-661-812-4 Ö; ISBN 978-963-661-814-8.		1.00
31	1	16th International Conference in Mechanical Engineering, OGÉT2008, Braşov, May 1-4 2008	2008	Barabás, I.; Todoruţ, A. (2008). Possibilities of using biodiesel-diesel-bioethanol blends as fuel for internal combustion engines. In: 16th International Conference in Mechanical Engineering, OGÉT2008, Braşov, May 1-4, (Technical Review, Special Issue, pg. 42-45), ISSN 1454-0746.		1.00
32	1	International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie, 2007	2007	Todoruţ, A.; Barabás, I.; Brânzaş, P. (2007). Analytical evaluation of the air excess coefficient as function of experimentally measured exhaust gas composition in the D-2402.200 engine using suflower oil based fuels. In: International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie. Paper Identification Number: AMMA-2007615. Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, nr. 50/2007, Vol. IV, pg. 439-442, Editura U.T.PRESS, ISSN 1221-5872, http://www.atna-mam.utcluj.ro/id28.htm, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: AMMA07/AMMA2007615439_442, https://go.fisita.com/store/papers/ AMMA07/AMMA2007615439_442.	Paper Code: AMMA07/AMMA2007615439_442, https://go.fisita.com/store/papers/ AMMA07/AMMA2007615439_442,http://www.atna-mam.utcluj.ro/id28.htm	1.00
33	1	International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie, 2007	2007	Todoruţ, A.; Barabás, I.; Brânzaş, P. (2007). Comparative evaluation of the alternative fueled D-2402.000 diesel engine with sunflower oil based and diesel fuel theoretically and experimentally determined main parameters. În: International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie. Paper Identification Number: AMMA-2007523. Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, nr. 50/2007, Vol. V, pg. 325-328, Editura U.T.PRESS, ISSN 1221-5872, IndexCopernicus™ International.	http://www.atna-mam.utcluj.ro/id29.htm	1.00

34	1	International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie, 2007	2007	Barabás, I.; Brânzaş, P.; Todoruţ, A. (2007). Researches aiming partial substitution of diesel fuels for diesel engine with biodiesel-diesel-bioethanol mixtures. În: International Congress Automotive, Environment and Farm Machinery AMMA2007, Cluj-Napoca 11-13 Octombrie. Paper Identification Number: AMMA-2007528. Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, nr. 50/2007, Vol. V, pg. 349-352, Editura U.T.PRESS, ISSN 1221-5872, IndexCopernicus™ International.	http://www.atna-mam.utcluj.ro/id29.htm	1.00
35	1	11th European Automotive Congress (EAEC2007) "Automobile for the Future", 30 May - 1 June, Budapest, Hungary	2007	Brânzaş, P.; Barabás, I.; Todoruţ, A. (2007). Constructive and functional parameter limits of synchronization may interdict engine braking in downslope traffic. In: 11th European Automotive Congress (EAEC2007) "Automobile for the Future", 30 May - 1 June, Budapest, Hungary, Paper Identification Number: PT-P04, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: EAEC-07/PT-P04, https://go.fisita.com/store/papers/EAEC-07/PT-P04.	Paper Code: EAEC-07/PT-P04, https://go.fisita.com/store/papers/EAEC-07/PT-P04	1.00
36	1	11th European Automotive Congress (EAEC2007) "Automobile for the Future", 30 May - 1 June, Budapest, Hungary	2007	Brânzaş, P.; Barabás, I.; Todoruţ, A. (2007). First results of the ProSiguR road safety pilot project in Romania. In: 11th European Automotive Congress (EAEC2007) "Automobile for the Future", 30 May - 1 June, Budapest, Hungary, Paper Identification Number: LE01-2, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: EAEC-07/LE01-2, https://go.fisita.com/store/papers/EAEC-07/LE01-2.	Paper Code: EAEC-07/LE01-2, https://go.fisita.com/store/papers/EAEC-07/LE01-2	1.00
37	1	15th International Conference in Mechanical Engineering, OGÉT2007, Cluj-Napoca, April 26-29 2007	2007	Barabás, I.; Todoruţ, A. (2007). Study of biofuel spray images. În: 15th International Conference in Mechanical Engineering, OGÉT2007, Cluj-Napoca, April 26-29, pg. 45-48 (Műszaki Szemle, nr. 38/2007). Printing Incitato Kft., Cluj-Napoca, Kiadja Erdélyi Magyar Műszaki Tudományos Társaság - EMT (Editor Hungarian Technical Scientific Society of Transylvania), ISSN 1454-0746.	http://www.emt.ro/downloads/muszaki_szemle/msz38.pdf	1.00

38	1	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania	2006	Todoruţ, A.; Barabás, I.; Burnete, N.; Mariaşiu, F. (2006). Evaluation of the main parameters of the D2402.000 engine that uses as sunflower oil based biofuels. In: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20061034, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20061034k, https://go.fisita.com/store/papers/MVT2006/MVT20061034k.	Paper Identification Number: MVT20061034, Paper Code: MVT2006/MVT20061034k, https://go.fisita.com/store/papers/MVT2006/MVT20061034k	1.00
39	1	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania	2006	Todoruţ, A.; Barabás, I.; Burnete, N.; Mariaşiu, F. (2006). Chemical pollution evaluation of sunflower oil based biofuels blends. In: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20061033, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20061033k, https://go.fisita.com/store/papers/MVT2006/MVT20061033k.	Paper Identification Number: MVT20061033, Paper Code: MVT2006/MVT20061033k, https://go.fisita.com/store/papers/MVT2006/MVT20061033k	1.00
40	1	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania	2006	Barabás, I.; Todoruţ, A.; Brânzaş, P. (2006). Road safety performance indicators in Romania. In: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20064003, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20064003k, https://go.fisita.com/store/papers/MVT2006/MVT20064003k.	Paper Identification Number: MVT20064003, Paper Code: MVT2006/MVT20064003k, https://go.fisita.com/store/papers/MVT2006/MVT20064003k	1.00

41	1	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania	2006	Barabás, I.; Todoruţ, A.; Brânzaş, P.; Mariaşiu, F. (2006). Comparative analysis of the atomization characteristics of biodiesel fuels. In: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timisoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20061002k, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20061002k, https://go.fisita.com/store/papers/MVT2006/MVT20061002k.	Paper Identification Number: MVT20061002k, Paper Code: MVT2006/MVT20061002k, https://go.fisita.com/store/papers/MVT2006/MVT20061002k	1.00
42	1	International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania	2006	Mariaşiu, F.; Todoruţ, A.; Barabás, I.; Plaian, Liana (2006). Increasing active security of heavyduty vehicles using the active security system ESP (Electronic Security Program). In: International Congress on Automotives "Motor Vehicles and Transportation MVT2006", from 15-17 November, Timişoara, Romania. ISBN 973-638-284-2; Paper Identification Number: MVT20062011, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: MVT2006/MVT20062011, https://go.fisita.com/store/papers/MVT2006/MVT20062011.	Paper Identification Number: MVT20062011, Paper Code: MVT2006/MVT20062011, https://go.fisita.com/store/papers/MVT2006/MVT20062011	1.00
43	1	14th International Conference in Mechanical Engineering, OGÉT2006, Tg. Mureş, April 27-30, 2006	2006	Barabás, I.; Todoruţ, A. (2006). Waste vegetable oil as a diesel fuel. În: 14th International Conference in Mechanical Engineering, OGÉT2006, Tg. Mureş, April 27-30, pg. 42-45. Press Incitato Kft., Cluj-Napoca, Erdélyi Magyar Műszaki Tudományos Társaság, ISBN (10) 973-7840-10-0; ISBN (13) 978-973-7840-10-2.		1.00
44	1	14th International Conference in Mechanical Engineering, OGÉT2006, Tg. Mureş, April 27-30, 2006	2006	Barabás, I.; Todoruţ, A. (2006). Használt étolaj dízelmotorok hajtóanyagaként való hasznosítása. În: XIV. Nemzetközi Gépész Találkozó, OGÉT2006, április 27-30, Marosvásárhely. ISBN 973-7840-10-0; ISBN 978-973-7840-10-2.		1.00

45	1	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania	2005	Todoruţ, A.; Burnete, N.; Barabás, I.; Coldea, C.; Mariaşiu, F. (2005). Aspects regarding numerical calculus of gases exchange for compression ignition engines fueled with sunflower oil based fuels in comparison with mineral fuel. În: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051081.	Paper Identification Number: CAR20051081	1.00
46	1	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania	2005	Barabás, I.; Burnete, N.; Todoruţ, A.; Coldea, C.; Mariaşiu, F. (2005). Experimentation with fuels based on sun flower oil on diesel engines. In: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051104, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2005_FISITA/CAR20051104-FinalPaper, https://go.fisita.com/store/papers/CAR2005_FISITA/CAR20051104-FinalPaper.	Paper Identification Number: CAR20051104, Paper Code: CAR2005_FISITA/CAR20051104-FinalPaper, https://go.fisita.com/store/papers/CAR2005_FISITA/CAR20051104-FinalPaper	1.00
47	1	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania	2005	Burnete, N.; Filip, N.; Naghiu, Al.; Chintoanu, M.; Todoruţ, A.; Borza, E.; Coldea, C.; Varga, B.; Costea, A. (2005). Biofuels-diesel fuel mixtures - alternative fuels for running buses from big cities. In: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051077, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2005_FISITA/CAR20051077-FinalPaper, https://go.fisita.com/store/papers/CAR2005_FISITA/CAR20051077-FinalPaper.	Paper Identification Number: CAR20051077, Paper Code: CAR2005_FISITA/CAR20051077-FinalPaper, https://go.fisita.com/store/papers/CAR2005_FISITA/CAR20051077-FinalPaper	1.00

48	1	The 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania	2005	Burnete, N.; Naghiu, A.; Barabás, I.; Todoruţ, A.; Teberean, I.; Vlad, N.; Costea, A.; Varga, B. (2005). Research regarding injection pressure influence on compressed ignited engines running on vegetal oil based fuels performances. In: the 9th International Congress on Automotives "Automotive and Environment" CAR2005, from 2th to 4th of November, Pitesti, Romania, Paper Identification Number: CAR20051078, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CAR2005_FISITA/CAR20051078-FinalPaper, https://go.fisita.com/store/papers/CAR2005_ FISITA/CAR20051078-FinalPaper.	Paper Identification Number: CAR20051078, Paper Code: CAR2005_FISITA/CAR20051078-FinalPaper, https://go.fisita.com/store/papers/CAR2005_ FISITA/CAR20051078-FinalPaper	1.00
49	1	International Automotive Congress, CONAT2004, Braşov, October 20-22, 2004	2004	Todoruţ, A.; Burnete, N.; Barabás, I.; Varga, B.O.; Costea, A. (2004). Research concerning the pollution produced by the diesel engines running on mixture of diesel and biofuels. In: International Automotive Congress, CONAT2004, Braşov, October 20-22, Paper Identification Number: CONAT20042106, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CONAT2004/CONAT20042106-Paper, https://go.fisita.com/store/ papers/CONAT2004/CONAT20042106-Paper.	Paper Identification Number: CONAT20042106, Paper Code: CONAT2004/CONAT20042106-Paper, https://go.fisita.com/store/ papers/CONAT2004/CONAT20042106-Paper	1.00
50	1	International Automotive Congress, CONAT2004, Braşov, October 20-22, 2004	2004	Burnete, N.; Barabás, I.; Todoruţ, A.; Varga, B.O. (2004). Evaluation of the performance and fuel consumption parameters of the D-118 engine that uses as fuel used oil from food industry. In: International Automotive Congress, CONAT2004, Braşov, October 20-22, Paper Identification Number: CONAT20042104, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CONAT2004/CONAT20042104-Paper, https://go.fisita.com/store/papers/CONAT2004/CONAT20042104-Paper.	Paper Identification Number: CONAT20042104, Paper Code: CONAT2004/CONAT20042104-Paper, https://go.fisita.com/store/papers/CONAT2004/CONAT20042104-Paper	1.00

51	1	International Automotive Congress, CONAT2004, Braşov, October 20-22, 2004	2004	Burnete, N.; Naghiu, A.; Teberean, I.; Filip, N.; Todoruţ, A.; Barabás, I.; Varga, B.O.; Borza, E.; Coldea, C.; Vlad, N.; Bacu, F. (2004). Mixes of the diesel fuel with vegetal oil - alternative fuels for the diesel engines. In: International Automotive Congress, CONAT2004, Braşov, October 20-22, Paper Identification Number, in BDI FISITA (International Federation of Automotive Engineering Societies) - Paper Code: CONAT2004/CONAT20042114-Paper, https://go.fisita.com/store/papers/CONAT2004/CONAT20042114-Paper.	Paper Identification Number: CONAT20042114, Paper Code: CONAT2004/CONAT20042114-Paper, https://go.fisita.com/store/papers/CONAT2004/CONAT20042114-Paper	1.00
52	1	8TH Mini Conference on Vehicle System Dynamics, Identification and Anomalies, (Proceedings of VSDIA2002)	2002	Cordoş, N.; Filip, N.; Burnete, N.; Todoruţ, A.; Holom, F. (2002). Experimental research regarding automobiles brake capacity. În: 8TH Mini Conference on Vehicle System Dynamics, Identification and Anomalies, (Proceedings of VSDIA2002), pg. 425-431, Faculty of Transportation Engineering, Budapest University of Technology and Economics, Hungary, Budapest, 11-13 November, ISBN 963-420-817-7, indexată în BDI SCOPUS, http://www.scopus.com.		1.00
53	1	Conferinţa internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate	2001	Burnete, N.; Baţagă, N.; Căzilă Aurica, Filip, N.; Todoruţ, A.; Coldea, C. (2001). Influences on the oil escapes above the first piston ring in the case of the spark ingnition engines. În: Prima conferinţă internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate. Vol. III, Motoare pentru autovehicule, pg. 237-240.		1.00
54	1	Conferinţa internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate	2001	Mariaşiu, F.; Barabás, I.; Todoruţ, A. (2001). Influenţa arhitecturii camerei de ardere asupra procesului de injecţie la motoarele cu aprindere prin comprimare. În: Prima conferinţă internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate. Vol. III, Motoare pentru autovehicule, pg. 241-244.		1.00

55	1	Conferinţa internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate	2001	Barabás, I.; Brânzaş, P.; Todoruţ, A.; Barabás Judit-Eva (2001). Cercetări teoretice privind dependenţa dintre cifra octanica şi energia de ionizare a hidrocarburilor. În: Prima conferinţă internaţională SMAT2001, Craiova 08-09 Noiembrie, Autovehiculul, Siguranţă, Confort şi Fiabilitate. Vol. III, Motoare pentru autovehicule, pg. 245-248.		1.00
56	1	Conferinţa Ştiinţifică Internaţională TMCR2001, Chişinău, 23-25 mai	2001	Burnete, N.; Cordoş, N.; Karamusantas, D.; Barabás, I.; Todoruţ, A.; Mihăescu, M. (2001). Analiza comparativă prin elemente finite a solicitărilor unui organ al motorului cu ardere internă. În: Conferinţa Ştiinţifică Internaţională TMCR2001, Chişinău, 23-25 mai, Tehnologii Moderne, Calitate, Restructurare, Vol. 1, pg. 446-449, Editare şi multiplicare la secţia de Redactare a UTM, ISBN 9975-9638-1-1.		1.00
57	1	Conferinţa Ştiinţifică Internaţională TMCR2001, Chişinău, 23-25 mai	2001	Cordoş, N.; Burnete, N.; Todoruţ, A. (2001). Evaluarea gradului de etanşare a grupului cilindru-segment-piston de la motoarele cu ardere internă. În: Conferinţa Ştiinţifică Internaţională TMCR2001, Chişinău, 23-25 mai, Tehnologii Moderne, Calitate, Restructurare, Vol. 1, pg. 462-465, Editare şi multiplicare la secţia de Redactare a UTM, ISBN 9975-9638-1-1.		1.00
58	1	A XII-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii româneşti", Sebeş, 2012	2012	Todoruţ, A.; Barabás, I.; Cordoş, N. (2012), Posibilităţi de evaluare ai parametrilor capacităţii de demarare a autovehiculelor. În: Ştiinţă şi Inginerie, Vol. 22, pg. 421-430. Bucureşti, Editura AGIR, 2012, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiinginerie.ro/22-57-posibilitati-de-evaluare-a-parametrilor-capacitatii-de-demarare-a-autovehiculelor/	1.00

59	1	A XII-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii româneşti", Sebeş, 2012	2012	Todoruţ, A.; Barabás, I.; Cordoş, N. (2012), Modelarea reţinerii pasagerului de către centura de siguranţă. În: Ştiinţă şi Inginerie, Vol. 22, pg. 431-440. Bucureşti, Editura AGIR, 2012, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiinginerie.ro/22-58-modelarea-retinerii-pasagerului-de-catre-centura-de-siguranta/	1.00
60	1	A XII-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii româneşti", Sebeş, 2012	2012	Cordoş, N.; Todoruţ, A.; Moldan, R. (2012), Aspecte cu privire la reconstrucţia accidentelor rutiere bicicletă-automobil. În: Ştiinţă şi Inginerie, Vol. 22, pg. 441-450. Bucureşti, Editura AGIR, 2012, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiinginerie.ro/22-59-aspecte-cu-privire-la-reconstructia-accidentelor-rutiere-bicicleta-automobil/	1.00
61	1	A XI-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii româneşti", Sebeş, 2011	2011	Todoruţ, A.; Barabás, I. (2011), Determinarea caracteristicilor fizico-chimice ale biocombustibililor pe bază de ulei alimentar uzat, în amestec cu motorina. În: Ştiinţă şi Inginerie, Vol. 20, pg. 521-528. Bucureşti, Editura AGIR, 2011, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiinginerie.ro/20-75-determinarea-caracteristicilor-fizicochimice-ale-biocombustibililor-pe-baza-de-ulei-alimentar-uzat-in-amestec-cu-motorina/	1.00
62	1	A XI-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii româneşti", Sebeş, 2011	2011	Todoruţ, A.; Barabás, I. (2011), Evaluarea distanţei de siguranţă dintre autovehicule la desprinderea din coloană, în vederea depăşirii. În: Ştiinţă şi Inginerie, Vol. 20, pg. 529-538. Bucureşti, Editura AGIR, 2011, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiinginerie.ro/20-76-evaluarea-distantei-de-siguranta-dintre-autovehicule-la-desprinderea-din-coloana-in-vederea-depasirii/	1.00

63	1	A X-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2010	2010	Todoruţ, A.; Barabás, I.; Brânzaş, P.; Gavrilaş, C.A. (2010), Reconstrucţia accidentelor rutiere motocicletă-automobil. În: Ştiinţă şi Inginerie, Vol. 17, pg. 135-144. Bucureşti, Editura AGIR, 2010, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiingi nerie.ro/17-23-reconstruclia-accidentelor-rutiere-motocicleta-automobil/	1.00
64	1	A X-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2010	2010	Barabás, I.; Todoruţ, A.; Brânzaş, P. (2010), Sporirea siguranţei rutiere prin îmbunătăţirea calităţilor de frânare ale automobilelor. În: Ştiinţă şi Inginerie, Vol. 17, pg. 145-154. Bucureşti, Editura AGIR, 2010, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.	http://stiintasiingi nerie.ro/17-24-sporirea-siguranlei-rutiere-prin-imbunatalirea-calitalilor-de-franare-ale-automobilelor/	1.00
65	1	A X-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2010	2010	Todoruţ, A.; Barabás, I.; Brânzaş, P.; Szathmari, R. (2010). Studii asupra suspensiei unui autovehicul cu trei roţi (trike) şi asupra parametrilor dinamici ai acestuia. În: Ştiinţă şi Inginerie, Vol. 17, pg. 533-542. Bucureşti, Editura AGIR, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.		1.00
66	1	A X-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2010	2010	Barabás, I.; Todoruţ, A.; Brânzaş, P.; Efrim, R.M. (2010). Îmbunătăţirea protecţiei conducătorului auto prin reproiectarea coloanei volanului autoturismului Dacia Logan. În: Ştiinţă şi Inginerie, Vol. 17, pg. 543-550. Bucureşti, Editura AGIR, ISSN 2067-7138, e-ISSN 2359-828X, http://stiintasiinginerie.ro/, https://journals.indexcopernicus.com, CABI, Index Copernicus.		1.00

67	1	A IX-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2009	2009	Todoruţ, A.; Barabás, I.; Brânzaş, P. (2009), Evaluarea comparativă a parametrilor principali, calculaţi faţă de cei determinaţi experimental, ai motorului D-2402.000 alimentat alternativ cu combustibili pe bază de ulei alimentar uzat şi motorină. În: Ştiinţă şi Inginerie, Vol. 15, pg. 539-544. Bucureşti, Editura AGIR, 2009, ISBN 973-8130-82-4, ISBN 978-973-720-245-1.	1.00
68	1	A IX-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2009	2009	Todoruţ, A.; Barabás, I.; Brânzaş, P. (2009), Evaluarea analitică al coeficientului de exces de aer în funcţie de compoziţia gazelor de evacuare măsurate experimental în cazul motorului D-2402.000 alimentat alternativ cu combustibili pe bază de ulei de floarea soarelui şi motorină. În: Ştiinţă şi Inginerie, Vol. 15, pg. 545-550. Bucureşti, Editura AGIR, 2009, ISBN 973-8130-82-4, ISBN 978-973-720-245-1.	1.00
69	1	A VII-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2007	2007	Todoruţ, A.; Barabás, I. (2007). Simularea numerică a ciclului de lucru al motorului diesel alimentat cu combustibili pe bază de ulei de floarea soarelui uzat comparativ cu motorina. În: Ştiinţă şi Inginerie, Vol. 11, pg. 425-430. Bucureşti, Editura AGIR, 2007, ISBN 973-8130-82-4, ISBN 978-973-720-122-5.	1.00
70	1	A VII-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2007	2007	Todoruţ, A.; Barabás, I. (2007). Simularea numerică a solicitărilor dinamice din mecanismul motor al motorului diesel alimentat cu combustibili pe bază de ulei de floarea soarelui uzat comparativ cu motorina. În: Ştiinţă şi Inginerie, Vol. 11, pg. 431-436. Bucureşti, Editura AGIR, 2007, ISBN 973-8130-82-4, ISBN 978-973-720-122-5.	1.00

71	1	A VII-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2007	2007	Todoruţ, A.; Barabás, I. (2007). Evaluarea prin calcule numerice a căldurilor specifice, a energiilor interne şi a entalpiilor amestecului de gaze în cazul motoarelor diesel alimentate alternativ cu combustibili pe bază de ulei de floarea soarelui şi motorină. În: Ştiinţă şi Inginerie, Vol. 11, pg. 437-442. Bucureşti, Editura AGIR, 2007, ISBN 973-8130-82-4, ISBN 978-973-720-122-5.	1.00
72	1	A VI-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2006	2006	Todoruţ, A.; Burnete, N.; Barabás, I. (2006). Utilizarea uleiului alimentar uzat sub formă de combustibil pentru motoarele diesel. În: Ştiinţă şi Inginerie, Vol. 10, pg. 271-274. Bucureşti, Editura AGIR, 2006, ISBN 973-8130-82-4, ISBN 973-720-030-6.	1.00
73	1	A VI-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2006	2006	Todoruţ, A., Barabás, I.; Burnete, N. (2006). Evaluarea gradului de poluare chimică a motorului D-2402.000 alimentat cu combustibili pe bază de ulei de floarea soarelui uzat, comparativ cu motorina. În: Ştiinţă şi Inginerie, Vol. 10, pg. 275-280. Bucureşti, Editura AGIR, 2006, ISBN 973-8130-82-4, ISBN 973-720-030-6.	1.00
74	1	A IV-a Conferinţă Naţională multidisciplinară - cu participare internaţională - „Profesorul Dorin PAVEL – fondatorul hidroenergeticii românești", Sebeş, 2004	2004	Burnete, N.; Barabás, I.; Todoruţ, A.; Varga, B. (2004). Uleiurile vegetale - Combustibilii viitorului? În: Ştiinţă şi Inginerie, Vol. 5, pg. 65-70. Bucureşti, Editura AGIR, 2004, ISBN 973-8130-82-4, ISBN 973-8466-67-9.	1.00

75	Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie, 2002	1	2002	Cordoş, N.; Burnete, N.; Todoruţ, A.; Barabás, I.; Szasz, R. (2002). Modelarea cinematică a coliziunilor autovehiculelor. In: Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie. Vol. 2, Motoare pentru autovehicule, Tehnologii de transport, Trafic şi securitate rutieră, pg. 297-304. Cluj-Napoca, Editura U.T.PRESS, ISBN 973-8335-60-4 (ISBN 973-8335-62-0), sub egida Acta Technica Napocensis, Section: Machines Construction. Materials, nr. 45/2002, ISSN 1221-5872.	1.00
76	Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie, 2002	1	2002	Rus, I.; Brânzaş, P.; Burnete, N.; Barabás, I.; Todoruţ, A. (2002). Siguranţa pasivă - Nece-sitate şi viitor pentru autoturismele româneşti. In: Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie. Vol. 2, Motoare pentru autovehicule, Tehnologii de transport, Trafic şi securitate rutieră, pg. 369-372. Cluj-Napoca, Editura U.T.PRESS, ISBN 973-8335-60-4 (ISBN 973-8335-62-0), sub egida Acta Technica Napocensis, Section: Machines Construction. Materials, nr. 45/2002, ISSN 1221-5872.	1.00
77	Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie, 2002	1	2002	Barabás, I.; Todoruţ, A. (2002). Frânarea bicicletei în pantă. In: Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie. Vol. 1, Autovehicule Rutiere (Automobile, Tractoare), pg. 343-346. Cluj-Napoca, Editura U.T.PRESS, ISBN 973-8335-60-4 (ISBN 973-8335-61-2), sub egida Acta Technica Napocensis, Section: Machines Construction. Materials, nr. 45/2002, ISSN 1221-5872.	1.00
78	Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie, 2002	1	2002	Rus, I.; Burnete, N.; Todoruţ, A.; Chira, D.; Meşter, E. (2002). Analiza prin metoda elementului finit a axului portfuzetei de la autoturismul Dacia. In: Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie. Vol. 1, Autovehicule Rutiere (Automobile, Tractoare), pg. 323-326. Cluj-Napoca, Editura U.T.PRESS, ISBN 973-8335-60-4 (ISBN 973-8335-61-2), sub egida Acta Technica Napocensis, Section: Machines Construction. Materials, nr. 45/2002, ISSN 1221-5872.	1.00

79	1	Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie, 2002	2002	Rus, I.; Burnete, N.; Băţagă, N.; Cordoş, N.; Todoruţ, A.; Barabás, I.; Iosif, C. (2002). Studii privind posibilitatea funcţionării motoarelor cu aprindere prin comprimare cu combustibili obţinuţi din uleiuri regenerabile. In: Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca 10-11 Octombrie2002. Vol. 2, Motoare pentru autovehicule, Tehnologii de transport, Trafic şi securitate rutieră, pg. 159-166. Cluj-Napoca, Editura U.T.PRESS, ISBN 973-8335-60-4 (ISBN 973-8335-62-0), sub egida Acta Technica Napocensis, Section: Machines Construction. Materials, nr. 45/2002, ISSN 1221-5872.	1.00
80	1	Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie, 2002	2002	Mariaşiu, F.; Todoruţ, A.; Barabás, I. (2002). Corelarea defectelor pompelor de injecţie cu natura combustibilului utilizat la motoarele cu aprindere prin comprimare. In: Conferinţa Naţională cu participare Internaţională: Autovehiculul, Mediul şi Maşina Agricolă - AMMA2002, Cluj-Napoca, 10-11 Octombrie. Vol. 2, Motoare pentru autovehicule, Tehnologii de transport, Trafic şi securitate rutieră, pg. 277-280. Cluj-Napoca, Editura U.T.PRESS, ISBN 973-8335-60-4 (ISBN 973-8335-62-0), sub egida Acta Technica Napocensis, Section: Machines Construction. Materials, nr. 45/2002, ISSN 1221-5872.	1.00
Total					**80.00**

S Atragere resurse financiare prin granturi/proiecte/contracte terţi

Nr.crt.	Calitatea: director = 1, membru in echipa = 2	Tip proiect *	Titlul proiectului	Perioada de derulare	Valoare totala UTCN** [ech. Euro]	Valoarea alocata membrului in echipa de catre directorul de proiect*** [ech. Euro]	Punctaj individual
1	2	Naţional	Cercetări privind substituirea parţială a motorinei destinată motoarelor diesel prin amestecuri de biodiesel-motorină-bioetanol. Programul: IDEI, Planul National de Cercetare, Dezvoltare si Inovare - PN II, Tipul proiectului: Proiecte de cercetare exploratorie, Cod proiect: ID_1098, Nr. Contract: 88/01.10.2007, pe trei ani (Oct. 2007 – Dec. 2010).	Oct. 2007 – Dec. 2010	216984	49602	49.60
2	2	Naţional	Posibilităţile şi limitele ecologizării transportului urban prin utilizarea combustibililor proveniţi din uleiuri vegetale. Programul CEEX – Modulul 1 – Proiecte Complexe, Grant de cercetare ECOTRANS/(2005–2008), Contract nr. X1C01/03.10.2005. Coordonatorul de proiect: Universitatea Tehnică din Cluj-Napoca.	2005–2008	43454	602	0.60
3	2	Naţional	Sistem complex pentru cercetarea fenomenelor de degradare a terenurilor arabile şi monitorizarea impactului negativ al agriculturii asupra resurselor naturale si a schimbarilor climatice globale. Programul "Cercetare de excelenţă", Modulul 1, Tipul proiectului: P-CD, Contract nr. 124/20.07.2006. Durata subcontractului: 2 ani şi 1 lună (intre 2006-2008). Partener în proiect: Universitatea Tehnică din Cluj-Napoca.	2006-2008	29498	1204	1.20

4	2 Național	Utilizarea combustibililor alternativi ecologici în transportul urban pentru limitarea efectelor poluante în marile oraşe. Contract nr. 5 C 12/2003 (AMTRANS) (membru din partea UTC-N), (2003–2005), coordonat de ICIA Cluj-Napoca (UTC-N - partener).	2003–2005	11089	258	0.26
5	2 Național	Biocombustibili Diesel ecologici şi glicerină obţinute prin procesarea chimică a resurselor regenerabile. Proiect prioritar PP7 (Membru din partea UTC-N), (2002–2004). Contract nr. 112/2002 (MATNANTECH), coordonat de ICIA Cluj-Napoca (UTC-N - partener).	2002–2004	6640	229	0.23
6	2 Internațional	Valorificarea producţiei de rapiţă în vederea utilizării acesteia ca şi combustibil pentru tractoare în România. Proiect nr. 861/2002 (Acord de Grant nr. 1523/26.09.2002), (2002–2005) finanţat de BANCA MONDIALĂ prin Ministerul Agriculturii şi Alimentaţiei.	2002–2005	142996	1888	1.89
7	Terţi - 2 Național	Refacerea infrastructurii rutiere şi îmbunătăţirea circulaţiei auto - studiu de trafic în municipiul Oltenița. Contract Nr. 7951/17.04.2007, Durata contractului: 19.03.2007 până la 19.10.2007. Beneficiar: Primăria Municipiului Oltenița. Adresa: Oltenița, B-dul Republicii, nr.40, judeţul Călăraşi, Cod poştal: 915400. Executant: Universitatea Tehnică din Cluj-Napoca, Facultatea de Mecanică, Catedra: Autovehicule Rutiere şi Maşini Agricole. Contract cu beneficiar din mediul economic național.	2007	21017	2942	2.94
		Total				56.72

* Se va specifica fie tipul competitiei, fie terti in cazul contractelor cu mediul economic

** Se va introduce valoarea fara TVA

*** Pentru contracte derulate inainte de 01.01.1999 se va considera echivalarea: 1 Euro=1 USD

C Citări în publicații BDI (WOS si Scopus)

Nota: se exclud autocitarile

Nu se considera autocitare articolul in care apar autori din articolul citat, dar lipseste declarantul (persoana care completeaza Fisa de evaluare)

Nr. Crt.	Date de identificare complete ale articolul citat (se exclud autocitarile)***	Date de identificare complete ale articolelor care citeaza	Anul in care a fost citata lucrarea	Linkul articolului care citeaza	Factorul de impact al publicației WOS în care apare citarea	Punctaj individual
A1	Barabás, I.; Todoruţ, A.; Băldean, D. (2010). Performance and emission characteristics of an CI engine fueled with diesel-biodiesel-bioethanol blends. In: Fuel - The Science and Technology of Fuel and Energy, Volume 89, Issue 12, pg. 3827-3832, December 2010, Published by Elsevier Ltd., ISSN 0016-2361, DOI: 10.1016/j.fuel.2010.07.011, Journal: JFUE, Article Number: 4861, Journal homepage: https://www.journals.elsevier.com/fuel, http://www.sciencedirect.com/science/article/pii/S0016236110003583, http://dx.doi.org/10.1016/j.fuel.2010.07.011. http://www.scopus.com; http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000282086200027.	Mortaza Aghbashlo, Wanxi Peng, Meisam Tabatabaei, Soteris A. Kalogirou, Salman Soltanian, Homa Hosseinzadeh-Bandbafha, Omid Mahian, Su Shiung Lam, Machine learning technology in biodiesel research: A review. In: Progress in Energy and Combustion Science (PROG ENERG COMBUST), Volume 85, July 2021, 100904, ISSN: 0360-1285, WOS:000651459000002.	2021	https://doi.org/10.1016/j.pecs.2021.100904, https://www.sciencedirect.com/science/article/abs/pii/S0360128521000022, https://apps-webofknowledge-com.am.e-nformation.ro/	29.394	30.39
C2-A1		Meisam Ahmadi Ghadikolaei, Pak Kin Wong, Chun Shun Cheung, Zhi Ning, Ka-Fu Yung, Jing Zhao, Nirmal Kumar Gali, Alireza Valipour Berenjestanaki, Impact of lower and higher alcohols on the physicochemical properties of particulate matter from diesel engines: A review. Renewable and Sustainable Energy Reviews (RENEW SUST ENERG REV), Volume 143, June 2021, 110970, ISSN: 1364-0321, WOS:000637714400003.	2021	https://doi.org/10.1016/j.rser.2021.110970, https://www.sciencedirect.com/science/article/abs/pii/S1364032121002628, https://apps-webofknowledge-com.am.e-nformation.ro/	14.982	15.98

C3-A1	Homa Hosseinzadeh-Bandbafha, Shahin Rafiee, Pouya Mohammadi, Barat Ghobadian, Su Shiung Lam, Meisam Tabatabaei, Mortaza Aghbashlo, Exergetic, economic, and environmental life cycle assessment analyses of a heavy-duty tractor diesel engine fueled with diesel–biodiesel-bioethanol blends. Energy Conversion and Management (ENERG CONVERS MANAGE), Volume 241, 1 August 2021, 114300, ISSN: 0196-8904, WOS:000660476900003.	2021	https://doi.org/10.1016/j.enconman.2021.114300, https://www.sciencedirect.com/science/article/abs/pii/S0196890421004763, https://apps-webofknowledge-com.am.e-nformation.ro/	9.709	10.71
C4-A1	Ramachander Jatoth, Santhosh Kumar Gugulothu, G. Ravi kiran Sastry, Experimental Study of Using Biodiesel and Low Cetane Alcohol as The Pilot Fuel on The Performance and Emission Trade-Off Study in the Diesel/Compressed Natural Gas Dual Fuel Combustion Mode. Energy, Available online 1 March 2021, Volume 225, 15 June 2021, 120218, ISSN 0360-5442, WOS:000647581100007.	2021	https://doi.org/10.1016/j.energy.2021.120218, https://www.sciencedirect.com/science/article/pii/S0360544221004679, https://apps-webofknowledge-com.am.e-nformation.ro/	7.147	8.15
C5-A1	Golmohammad Khoobbakht, Kamran Kheiralipour, Mahmoud Karimi, Optimization of Chlamydomonas alga biodiesel percentage for reducing exhaust emission of diesel engine. Process Safety and Environmental Protection (PROCESS SAF ENVIRON), Available online 8 May 2021, Volume 152, August 2021, Pages 25-36, ISSN 0957-5820, eISSN: 1744-3598, DOI: 10.1016/j.psep.2021.05.008, WOS:000678367000003.	2021	https://doi.org/10.1016/j.psep.2021.05.008, https://www.sciencedirect.com/science/article/abs/pii/S0957582021002408, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro	6.158	7.16
C6-A1	J. Ramachander; S.K. Gugulothu; G. Ravikiran Sastry; M. Siva Surya, Statistical and experimental investigation of the influence of fuel injection strategies on CRDI engine assisted CNG dual fuel diesel engine. International Journal of Hydrogen Energy (INT J HYDROGEN ENERG), Available online 2 May 2021, Volume 46, Issue 42, 18 June 2021, Pages 22149-22164, ISSN: 0360-3199, SCOPUS, WOS:000660299100005.	2021	https://doi.org/10.1016/j.ijhydene.2021.04.010, https://www.sciencedirect.com/science/article/abs/pii/S0360319921012623, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	5.816	6.82

C7-A1	Andrade Torres, F.; Doustdar, O.; Herreros, J.M.; Li, R.; Poku, R.; Tsolakis, A.; Martins, J.; Vieira de Melo, S.A.B. A Comparative Study of Biofuels and Fischer–Tropsch Diesel Blends on the Engine Combustion Performance for Reducing Exhaust Gaseous and Particulate Emissions. Energies 2021, 14(6), 1538, ISSN 1996-1073, WOS:000634415900001.	2021	https://doi.org/10.3390/en14061538, https://www.mdpi.com/1996-1073/14/6/1538, https://apps-webofknowledge-com.am.e-nformation.ro/	3.004	4.00
C8-A1	Prabhu Kishore Nutakki, Santhosh Kumar Gugulothu, Jatoth Ramachander, Mulugundam Sivasurya, Effect Of n-Amyl Alcohol/Biodiesel Blended Nano Additives on the Prabhu Kishore Nutakki, Santhosh Kumar Gugulothu, Jatoth Ramachander, Mulugundam Sivasurya, Effect Of n-Amyl Alcohol/Biodiesel Blended Nano Additives on the Performance, Combustion and Emission Characteristics of CRDI Diesel Engine. Environmental Science and Pollution Research (ENVIRON SCI POLLUT R), SPRINGER HEIDELBERG, TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY, 2021, ISSN: 0944-1344, eISSN: 1614-7499, DOI 10.1007/s11356-021-13165-5,WOS:000625738500006.	2021	https://doi.org/10.1007/s11356-021-13165-5, https://link.springer.com/article/10.1007/s11356-021-13165-5, https://apps-webofknowledge-com.am.e-nformation.ro/	4.223	5.22
C9-A1	Saeed, A.; Hanif, M.A.; Hanif, A.; Rashid, U.; Iqbal, J.; Majeed, M.I.; Moser, B.R.; Alsalme, A., Production of Biodiesel from Spirogyra elongata, a Common Freshwater Green Algae with High Oil Content. Sustainability (Switzerland), Volume 13, Issue 22, November-2 2021, Article number 12737, ISSN: 2071-1050, DOI: 10.3390/su132212737, WOS:000724560100001.	2021	https://doi.org/10.3390/su132212737, https://www.mdpi.com/2071-1050/13/22/12737, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	3.251	4.25
C10-A1	Wu, G.; Ge, J.C.; Choi, N.J., Effect of Ethanol Additives on Combustion and Emissions of a Diesel Engine Fueled by Palm Oil Biodiesel at Idling Speed. Energies 2021, 14(5), 1428, ISSN 1996-1073, WOS:000628166500001.	2021	https://doi.org/10.3390/en14051428, https://www.mdpi.com/1996-1073/14/5/1428, https://apps-webofknowledge-com.am.e-nformation.ro/	3.004	4.00

C11-A1	Dong Lin Loo, Yew Heng Teoh, Heoy Geok How, Jun Sheng Teh, Liviu Catalin Andrei, Slađana Starčević, Farooq Sher, Applications Characteristics of Different Biodiesel Blends in Modern Vehicles Engines: A Review. Sustainability 2021, 13(17), 9677, ISSN: 2071-1050, DOI 10.3390/su13179677, WOS:000694620200001.	2021	https://doi.org/10.3390/su13179677, https://www.mdpi.com/2071-1050/13/17/9677, https://www-webofscience-com.am.e-nformation.ro/	3.251	4.25
C12-A1	Ramachander, J., Gugulothu, S.K. & Surya, M.S. An experimental assessment on the influence of high fuel injection pressure with ternary fuel (diesel-Mahua methyl ester-Pentanol) on performance, combustion and emission characteristics of common rail direct injection diesel engine. Heat and Mass Transfer (HEAT MASS TRANSFER) (2021), Published 27 May 2021, Volume 57, Issue 12, Page 2015-2027, Print ISSN: 0947-7411, Electronic ISSN: 1432-1181, WOS:000654838100001.	2021	https://doi.org/10.1007/s00231-021-03079-w, https://link.springer.com/article/10.1007%2Fs00231-021-03079-w, https://apps-webofknowledge-com.am.e-nformation.ro/	2.464	3.46
C13-A1	Ramachander, J., Gugulothu, S.K. & Sastry, G.R.K. Performance and Emission Reduction Characteristics of Metal Based Sio2 Nanoparticle Additives Blended with Ternary Fuel (Diesel-MME-Pentanol) on CRDI Diesel Engine. Silicon (2021), Electronic ISSN 1876-9918, Print ISSN 1876-990X, WOS:000623704900001.	2021	https://doi.org/10.1007/s12633-021-01024-4, https://link.springer.com/article/10.1007/s12633-021-01024-4, https://apps-webofknowledge-com.am.e-nformation.ro/	2.67	3.67
C14-A1	Ramachander Jatoth & Santhosh Kumar Gugulothu, Influence of compressed natural gas dual fuel operation with biodiesel and low cetane alcohol as pilot fuels on performance and emission characteristics of a CRDI engine: a novel trade-off investigations. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2021, Print ISSN: 1556-7036, Online ISSN: 1556-7230, WOS:000623101800001.	2021	https://doi.org/10.1080/15567036.2021.1893867, https://www.tandfonline.com/doi/abs/10.1080/15567036.2021.1893867, https://apps-webofknowledge-com.am.e-nformation.ro/	3.447	4.45

C15-A1	Krishna Shrivastava, S.S.Thipse, I.D.Patil, Optimization of diesel engine performance and emission parameters of Karanja biodiesel-ethanol-diesel blends at optimized operating conditions. Fuel, Volume 293, 1 June 2021, 120451, ISSN: 0016-2361, eISSN: 1873-7153, WOS:000640515600063.	2021	https://doi.org/10.1016/j.fuel.2021.120451, https://www.sciencedirect.com/science/article/abs/pii/S0016236121003276, https://apps-webofknowledge-com.am.e-nformation.ro/	6.609	7.61
C16-A1	Babalola Aisosa Oni, Samuel Eshorame Sanni, Peter Adeniyi Alaba, Mahmoud M. Hessien & Zeinhom M. El-Bahy, Investigating the performance of acetylated diethyl ether–Camelina sativa biodiesel as fuel in compression ignition engine. Energy, Ecology and Environment (Energ. Ecol. Environ.) (2021), Published: 13 October 2021, Print ISSN: 2363-7692, Electronic ISSN: 2363-8338, DOI: 10.1007/s40974-021-00230-5, SCOPUS, WOS:000706899000001.	2021	https://doi.org/10.1007/s40974-021-00230-5, https://link.springer.com/article/10.1007/s40974-021-00230-5, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/		1.00
C17-A1	Budhraja N., Pal A., Jain M., Mishra R.S. (2021), Comparative Analysis of the Engine Emissions from CI Engine Using Diesel–Biodiesel–Ethanol Blends. In: Kumar A., Pal A., Kachhwaha S.S., Jain P.K. (eds) Recent Advances in Mechanical Engineering, pp 363-370, Lecture Notes in Mechanical Engineering, Springer Science and Business Media Deutschland GmbH, 2nd International Conference on Recent Advances in Mechanical Engineering, RAME 2020, Delhi, 18 September 2020 - 19 September 2020, 261099, ISSN: 2195-4356, Print ISBN: 978-981-15-9677-3, Online ISBN: 978-981-15-9678-0, DOI: 10.1007/978-981-15-9678-0_32, SCOPUS.	2021	https://doi.org/10.1007/978-981-15-9678-0_32, https://link.springer.com/chapter/10.1007/978-981-15-9678-0_32, https://www-scopus-com.am.e-nformation.ro/		1.00

C18-A1	Md Bazlul Mobin Siddique; Nozieana Khairuddin; Nur Afiqah Ali; Mohd Ali Hassan; Jubaer Ahmed; Saad Kasem; Mujahid Tabassum; Hadi Nabipour Afrouzi, A Comprehensive Review on the Application of Bioethanol/Biodiesel in Direct Injection Engines and Consequential Environmental Impact. Cleaner Engineering and Technology, Available online 13 April 2021, Volume 3, July 2021, 100092, ISSN: 2666-7908, DOI 10.1016/j.clet.2021.100092, SCOPUS.	2021	https://doi.org/10.1016/j.clet.2021.100092, https://www.sciencedirect.com/science/article/pii/S2666790821000525, https://www-scopus-com.am.e-nformation.ro/		1.00
C19-A1	Venkatesh T. Lamani, Adithya U. Baliga M., Ajay Kumar Yadav, Kumar G. N., Rudra Naik and Bheemsha Arya, Optimum injection timings for bioethanol-diesel blends and its effect on tail pipe emission in common rail diesel engine. AIP Conference Proceedings, Volume 2316, Issue 1, Article Number: 030031, Publishe 2021, ADVANCED TRENDS IN MECHANICAL AND AEROSPACE ENGINEERING (ATMA-2019), ISSN 0094-243X, ISBN 978-0-7354-4059-3, doi: 10.1063/5.0036569, WOS:000661243600030.	2021	https://doi.org/10.1063/5.0036569, https://aip.scitation.org/doi/abs/10.1063/5.0036569, https://www-scopus-com.am.e-nformation.ro, https://www-webofscience-com.am.e-nformation.ro		1.00
C20-A1	Harish Venu, V. Dhana Raju, S. Lingesan, Manzoore Elahi M Soudagar, Influence of Al2O3nano additives in ternary fuel (diesel-biodiesel-ethanol) blends operated in a single cylinder diesel engine: Performance, Combustion and Emission Characteristics. Energy, Volume 215, Part B, 15 January 2021, 119091, ISSN: 0360-5442, Available online 19 October 2020, WOS:000596833400002.	2021	https://doi.org/10.1016/j.energy.2020.119091, https://www.sciencedirect.com/science/article/abs/pii/S0360544220321988, https://apps-webofknowledge-com.am.e-nformation.ro/	7.147	8.15

C21-A1	Prabu, PM (Prabu, P. Maheandera), Sivaprakasam, P (Sivaprakasam, P.), Perumal, V (Perumal, Varatharaju), Kim, SC (Kim, Sung Chul), Balasubramani, P (Balasubramani, P.), Kumar, SS (Kumar, S. Santosh), Emission Measurement Analysis of Sapodilla Seed Oil Blending Fueled IC Engine. Journal of Nanomaterials, Environmental Applications of Nanomaterials, Volume 2021, Article ID 2385356, Published 14 Aug 2021, ISSN: 1687-4110 (Print), ISSN: 1687-4129 (Online), WOS:000687440300001.	2021	https://doi.org/10.1155/2021/2385356, https://www.hindawi.com/journals/jnm/2021/2385356/, https://www-webofscience-com.am.e-nformation.ro/	2.986	3.99
C22-A1	G. Velvizhi, S. Shanthakumar, Bhaskar Das, A. Pugazhendhi, T. Shanmuga Priya, B. Ashok, K. Nanthagopal, R. Vignesh, C. Karthick, Biodegradable and non-biodegradable fraction of municipal solid waste for multifaceted applications through a closed loop integrated refinery platform: Paving a path towards circular economy. Science of The Total Environment, Volume 731, 20 August 2020, 138049, ISSN: 0048-9697, WOS:000537419200006.	2020	https://doi.org/10.1016/j.scitotenv.2020.138049, https://www.sciencedirect.com/science/article/pii/S004896972031562X, https://apps-webofknowledge-com.am.e-nformation.ro/	7.963	8.96
C23-A1	Mohamed A. Aissa, Ivona R. Radović, Zoran V. Simić, Mirjana Lj. Kijevčanin, Thermodynamic and transport properties of ternary mixture (ethyl oleate + n-hexadecane +1-butanol) and its binary constituents (ethyl oleate +1-butanol and ethyl oleate + n-hexadecane) at different temperatures and atmospheric pressure. Journal of Molecular Liquids, Available online 1 September 2020, Volume 317, 1 November 2020, 114186, ISSN: 0167-7322, eISSN: 1873-3166, WOS:000580655700099.	2020	https://doi.org/10.1016/j.molliq.2020.114186, https://www.sciencedirect.com/science/article/pii/S0167732220340034?casa_token=lU-MxoqG6IwAAAAA:fOwKb9uWqbis5HrfLaGq6x5l_MSTn_E9HzQXlwBK607XTDW6OLm4BV1Hz4s0v7CCGU2nxJiatQ, https://apps-webofknowledge-com.am.e-nformation.ro/	6.165	7.17

C24-A1	Gisele Cristina Rabelo Silva and Maria Helena Caño de Andrade, Simulation and optimization of CSTR reactor of a biodiesel plant by various plant sources using Aspen Plus. In: International Journal of Chemical Reactor Engineering (INT J CHEM REACT ENG), 20200085, eISSN 1542-6580, ISSN 2194-5748, Published online: 17 Aug 2020, Volume: 18 Issue: 8, WOS:000567639600009.	2020	https://doi.org/10.1515/ijcre-2020-0085, https://www.degruyter.com/view/journals/ijcre/ahead-of-print/article-10.1515-ijcre-2020-0085/article-10.1515-ijcre-2020-0085.xml, https://apps-webofknowledge-com.am.e-nformation.ro/	1.51	2.51
C25-A1	Rodrigo Bonatti, Yuri Alexandre Meyer, Gionava Padilha, Ausdinir Bortolozo, Wislei Riuper Osório, Silicon content affecting corrosion behavior of Alp/Sip composites in a biodiesel blend. In: CORROSION, The Journal of Science and Engineering, 2020, Volume: 76 Issue: 12 Pages: 1109-1121, ISSN: 0010-9312, eISSN: 1938-159X, WOS:000617277000003.	2020	https://doi.org/10.5006/3524, https://www.corrosionjournal.org/doi/abs/10.5006/3524, https://apps-webofknowledge-com.am.e-nformation.ro/	1.77	2.77
C26-A1	Homa Hosseinzadeh-Bandbafha, Meisam Tabatabaei, Mortaza Aghbashlo, Majid Khanali, Esmail Khalife, Taha Roodbar Shojaei, Pouya Mohammadi, Consolidating emission indices of a diesel engine powered by carbon nanoparticle-doped diesel/biodiesel emulsion fuels using life cycle assessment framework. Fuel, Volume 267, 1 May 2020, 117296, ISSN: 0016-2361, WOS:000514171800027.	2020	https://doi.org/10.1016/j.fuel.2020.117296, https://www.sciencedirect.com/science/article/pii/S001623612030291X, https://apps-webofknowledge-com.am.e-nformation.ro/	6.609	7.61
C27-A1	Suman Dey, Narath Moni Reang, Arindam Majumder, Madhujit Deb, Pankaj Kumar Das, A hybrid ANN-Fuzzy approach for optimization of engine operating parameters of a CI engine fueled with diesel-palm biodiesel-ethanol blend. Energy, Volume 202, 1 July 2020, 117813, ISSN: 0360-5442, eISSN: 1873-6785, WOS:000538592700105.	2020	https://doi.org/10.1016/j.energy.2020.117813, https://www.sciencedirect.com/science/article/pii/S0360544220309208, https://apps-webofknowledge-com.am.e-nformation.ro/	7.147	8.15

C28-A1	Mahmoud K. Ashour, Ahmed E. Elwardany, Addition of two kerosene-based fuels to diesel–biodiesel fuel: Effect on combustion, performance and emissions characteristics of CI engine. In: Fuel, Volume 269, 1 June 2020, 117473, ISSN: 0016-2361, DOI: 10.1016/j.fuel.2020.117473, WOS:000520021800067.	2020	https://doi.org/10.1016/j.fuel.2020.117473, https://www.sciencedirect.com/science/article/pii/S0016236120304683, https://apps-webofknowledge-com.am.e-nformation.ro/	6.609	7.61
C29-A1	Máté Zöldy, Fuel Properties of Butanol – Hydrogenated Vegetable Oil Blends as a Diesel Extender Option for Internal Combustion Engines. Periodica Polytechnica Chemical Engineering (Period. Polytech. Chem. Eng.), 64(2), pp. 205–212, 2020, Online ISSN: 1587-3765, Print ISSN: 0324-5853, WOS:000513892600006.	2020	https://doi.org/10.3311/PPch.14153, https://pp.bme.hu/ch/article/view/14153, https://apps-webofknowledge-com.am.e-nformation.ro/	1.571	2.57
C30-A1	Duk Gam Woo, and Tae Han Kim, Effect of kinematic viscosity variation with blended-oil biodiesel on engine performance and exhaust emission in a power tiller engine. Environmental Engineering Research (ENVIRON ENG RES), 2020; 25(6): 946-959, pISSN: 1226-1025, eISSN: 2005-968X, Accepted: December 26, 2019, WOS:000526965500017.	2020	https://doi.org/10.4491/eer.2019.358, http://www.eeer.org/journal/view.php?doi=10.4491/eer.2019.358, https://apps-webofknowledge-com.am.e-nformation.ro/	2.507	3.51
C31-A1	Wilson Uzochukwu Eze, Innocent Chimezie Madufor, Godwin Nkemjika Onyeagoro, Henry Chinedu Obasi, The effect of Kankara zeolite-Y-based catalyst on some physical properties of liquid fuel from mixed waste plastics (MWPs) pyrolysis. In: Polymer Bulletin (Polym. Bull.) 77, 1399–1415 (2020), Print ISSN: 0170-0839, Online ISSN: 1436-2449, First Online: 11 May 2019, WOS:000520974200020.	2020	https://doi.org/10.1007/s00289-019-02806-y, https://link.springer.com/article/10.1007/s00289-019-02806-y, https://apps-webofknowledge-com.am.e-nformation.ro/	2.87	3.87

C32-A1	S.S. Hoseini, G. Najafi, B. Ghobadian, M.T. Ebadi, R. Mamat, T. Yusaf, Performance and emission characteristics of a CI engine using graphene oxide (GO) nano-particles additives in biodiesel-diesel blends. Renewable Energy, Available online 12 June 2019, Renewable Energy, 145, January 2020, pp. 458-465, ISSN: 0960-1481, DOI: 10.1016/j.renene.2019.06.006, WOS:000494885700043.	2020	https://doi.org/10.1016/j.renene.2019.06.006, https://www.sciencedirect.com/science/article/pii/S0960148119308195, https://apps-webofknowledge-com.am.e-nformation.ro/	8.001	9.00
C33-A1	Unchalee Suwanmanee, Thapanee Bangjang, Amaraporn Kaewchada, AttasakJaree, Greenhouse gas emissions and energy assessment of modified diesohol using cashew nut shell liquid and biodiesel as additives. Sustainable Production and Consumption, Available online 18 June 2020, Volume 24, October 2020, Pages 232-253, ISSN: 2352-5509, DOI: 10.1016/j.spc.2020.06.009, SCOPUS, WOS:000582731100019.	2020	https://doi.org/10.1016/j.spc.2020.06.009, https://www.sciencedirect.com/science/article/pii/S2352550919304464?casa_token=hT_Fx6FHS7EAAAAA:TTLfiOLNKZov2j7a0sT1irw6xvjtt9ALhnBo7smgRlHZLU0IlsLMvadCZmmPnUTFU2G5tyj1jg, https://www-scopus-com.am.e-nformation.ro, https://apps-webofknowledge-com.am.e-nformation.ro/	5.032	6.03
C34-A1	A.S.van Niekerk, B.Drew, N.Larsen, P.J. Kay, Influence of blends of diesel and renewable fuels on compression ignition engine emissions over transient engine conditions. In: Applied Energy, Volume 255, 1 December 2019, 113890, ISSN: 0306-2619, WOS:000497978100114.	2019	https://doi.org/10.1016/j.apenergy.2019.113890, https://www.sciencedirect.com/science/article/abs/pii/S0306261919315776, https://apps-webofknowledge-com.am.e-nformation.ro/	8.848	9.85
C35-A1	Kamel Bencheikh, A.E. Atabani, SuthaShobana, M.N. Mohammed, Gediz Uğuz, Orhan Arpa, Gopalakrishnan Kumar, Abdulkadir Ayanoğlu, Awais Bokhari, Fuels properties, characterizations and engine and emission performance analyses of ternary waste cooking oil biodiesel–diesel–propanol blends. In: Sustainable Energy Technologies and Assessments, Volume 35, October 2019, Pages 321-334, ISSN: 2213-1388, WOS:000484794800030.	2019	https://doi.org/10.1016/j.seta.2019.08.007, https://www.sciencedirect.com/science/article/abs/pii/S2213138818305113, https://apps-webofknowledge-com.am.e-nformation.ro/	3.427	4.43

C36-A1	Mohammad Ghaderi, Leila Naderloo, Hossein Javadikia, Mostafa Mostafaei, Hekmat Rabbani, Different blends of biodiesel, bioethanol, diesel and noise pollution emitted by stationary and moving MF285 tractor. Journal of Environmental Health Science and Engineering, First Online: 10 July 2019, Online ISSN: 2052-336X, WOS:000514924000019.	2019	https://doi.org/10.1007/s40201-019-00390-x, https://link.springer.com/article/10.1007/s40201-019-00390-x, https://apps-webofknowledge-com.am.e-nformation.ro/	2.179	3.18
C37-A1	Osama Khan, Ashok Kumar Yadav, M. Emran Khan & Mohd Parvez, Characterization of bioethanol obtained from Eichhornia Crassipes plant; its emission and performance analysis on CI engine. Journal Energy Sources, Part A: Recovery, Utilization and Environmental Effects, Print ISSN: 1556-7036 Online ISSN: 1556-7230, Published online: 16 Aug 2019, Volume 43, Issue 14, Pages 1793-1803, 2021, WOS:000481654200001.	2019	https://doi.org/10.1080/15567036.2019.1648600, https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1648600?journalCode=ueso20, https://apps-webofknowledge-com.am.e-nformation.ro/	1.184	2.18
C38-A1	S. Jaichandar, M. Thamaraikannan, D. Yogaraj, D. Samuelraj, A comprehensive study on the effects of internal air jet piston on the performance of a JOME fueled DI diesel engine. Energy, Volume 185, 15 October 2019, Pages 1174-1182, ISSN: 0360-5442, WOS:000484869400097.	2019	https://doi.org/10.1016/j.energy.2019.07.114, https://www.sciencedirect.com/science/article/abs/pii/S0360544219314550, https://apps-webofknowledge-com.am.e-nformation.ro/	6.082	7.08
C39-A1	Fatemeh Sadat Mirhashemi, Hassan Sadrnia, NOx emissions of compression ignition engines fueled with various biodiesel blends: A review. Journal of the Energy Institute, Available online 10 April 2019, 93(1), pp. 129-151, 2020, ISSN: 1743-9671, WOS:000509815900012.	2019	https://doi.org/10.1016/j.joei.2019.04.003, https://www.sciencedirect.com/science/article/pii/S1743967119300467, https://apps-webofknowledge-com.am.e-nformation.ro/	4.748	5.75

C40-A1	Madan Kumar Mandal, Papori Saikia, Ng. Kunjarani Chanu, Neha Chaurasia, Modulation of lipid content and lipid profile by supplementation of iron, zinc, and molybdenum in indigenous microalgae. In: Environmental Science and Pollution Research, Online ISSN 1614-7499, Print ISSN0944-1344, Publisher Springer Berlin Heidelberg, First Online 20 May 2019, Volume: 26, Issue: 20, Pages: 20815-20828, Special Issue: SI, WOS:000473172800066.	2019	https://doi.org/10.1007/s11356-019-05065-6, https://link.springer.com/article/10.1007/s11356-019-05065-6, https://apps-webofknowledge-com.am.e-nformation.ro/	3.056	4.06
C41-A1	M.N.A. Mukhtar, Ftwi Y. Hagos, M.M. Noor, Rizalman Mamat, A. Adam Abdullah, Abd Rashid Abd Aziz, Tri-fuel emulsion with secondary atomization attributes for greener diesel engine – A critical review. In: Renewable and Sustainable Energy Reviews, Volume 111, September 2019, Pages 490-506, ISSN: 1364-0321,WOS:000471252700034.	2019	https://doi.org/10.1016/j.rser.2019.05.035, https://www.sciencedirect.com/science/article/pii/S136403211930348X, https://apps-webofknowledge-com.am.e-nformation.ro/	12.11	13.11
C42-A1	Harish Venu, V. Dhana Raju, Lingesan Subramani, Influence of injection timing on torroidal re-entrant chamber design in a single cylinder DI engine fuelled with ternary blends. In: Heat and Mass Transfer, Online ISSN: 1432-1181, Print ISSN: 0947-7411, First Online: 10 May 2019, Volume: 55, Issue: 10, Pages: 2931-2948, WOS:000487923400017.	2019	https://doi.org/10.1007/s00231-019-02623-z, https://link.springer.com/article/10.1007/s00231-019-02623-z, https://apps-webofknowledge-com.am.e-nformation.ro/	1.867	2.87
C43-A1	Senthil Kumar Kandasamy, Arun Saco Selvaraj, Thundil Karuppa Raj Rajagopal, Experimental investigations of ethanol blended biodiesel fuel on automotive diesel engine performance, emission and durability characteristics. In: Renewable Energy, Volume 141, October 2019, Pages 411-419, ISSN: 0960-1481, WOS:000472241100036.	2019	https://doi.org/10.1016/j.renene.2019.04.039, https://www.sciencedirect.com/science/article/pii/S0960148119305221, https://apps-webofknowledge-com.am.e-nformation.ro/	6.274	7.27

C44-A1	Sachin Muralee Krishna, P. Abdul Salam, Manida Tongroon, Nuwong Chollacoop, Performance and emission assessment of optimally blended biodiesel-diesel-ethanol in diesel engine generator. In: Applied Thermal Engineering, Volume 155, 5 June 2019, Pages 525-533, ISSN: 1359-4311, WOS:000470950800050.	2019	https://doi.org/10.1016/j.applthermaleng.2019.04.012, https://www.sciencedirect.com/science/article/pii/S1359431118358563, https://apps-webofknowledge-com.am.e-nformation.ro/	4.725	5.73
C45-A1	Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Experimental assessment of some key physicochemical properties of diesel-biodiesel-ethanol (DBE) blends for use in compression ignition engines. Fuel, Volume 248, 15 July 2019, Pages 241-253, ISSN: 0016-2361, WOS:000463823500027.	2019	https://doi.org/10.1016/j.fuel.2019.03.087, https://www.sciencedirect.com/science/article/pii/S0016236119304600, https://apps-webofknowledge-com.am.e-nformation.ro/	5.578	6.58
C46-A1	Harish Venu, An experimental assessment on the influence of fuel-borne additives on ternary fuel (diesel–biodiesel–ethanol) blends operated in a single cylinder diesel engine. Environmental Science and Pollution Research, DOI: https://doi.org/10.1007/s11356-019-04739-5, Publisher Springer Berlin Heidelberg, Print ISSN0944-1344, Online ISSN1614-7499, Accepted27 February 2019, First Online 15 March 2019, Volume: 26 Issue: 14 Pages: 14660-14672, WOS:000466906000088.	2019	https://link.springer.com/article/10.1007/s11356-019-04739-5, https://doi.org/10.1007/s11356-019-04739-5, https://apps-webofknowledge-com.am.e-nformation.ro/	3.056	4.06
C47-A1	Yahya Çelebi, Hüseyin Aydın, An overview on the light alcohol fuels in diesel engines. In: Fuel, Volume 236, 15 January 2019, Pages 890-911, ISSN: 0016-2361, WOS:000447799400083.	2019	https://doi.org/10.1016/j.fuel.2018.08.138, https://www.sciencedirect.com/science/article/pii/S0016236118315102, https://apps-webofknowledge-com.am.e-nformation.ro/	5.578	6.58

C48-A1	Florian Pradelle, Sergio Leal Braga, Ana Rosa, Fonseca de Aguiar Martins, FranckTurkovics, Renata Nohra Chaar Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Potential as diesel fuel substitute on an Euro III engine. In: Renewable Energy, Volume 136, June 2019, Pages 586-598, ISSN: 0960-1481, WOS:000460847800050.	2019	https://doi.org/10.1016/j.renene.2019.01.025, https://www.sciencedirect.com/science/article/pii/S0960148119300254, https://apps-webofknowledge-com.am.e-nformation.ro/	6.274	7.27
C49-A1	L. Corral-Gómez, G. Rubio-Gómez, S. Martínez-Martínez, F.A. Sánchez-Cruz, Effect of diesel-biodiesel-ethanol blends on the spray macroscopic parameters in a common-rail diesel injection system. In: Fuel, Volume 241, 1 April 2019, Pages 876-883, ISSN: 0016-2361, WOS:000458760500088.	2019	https://doi.org/10.1016/j.fuel.2018.12.081, https://www.sciencedirect.com/science/article/pii/S0016236118321501, https://apps-webofknowledge-com.am.e-nformation.ro/	5.578	6.58
C50-A1	Kalil Rahiman, M. & Santhoshkumar, S., Comparative studies of oxygenated fuel synthesis with diesel from the measurements of density, speed of sound and refractive index. Journal of Thermal Analysis and Calorimetry (J Therm Anal Calorim) (First Online: 20 October 2018), April 2019, Volume 136, Issue 1, pp 295-304, ISSN: 1388-6150 (print version), ISSN: 1588-2926 (electronic version), WOS:000462144300025.	2019	https://doi.org/10.1007/s10973-018-7828-0, https://link.springer.com/article/10.1007/s10973-018-7828-0, https://apps-webofknowledge-com.am.e-nformation.ro/	2.471	3.47
C51-A1	Camila Almeida Martins, Pedro Paulo Andrade Junior, Diogo José Horst, Analysis of scientific publications in the field of biodiesel in high impact factor journals. Revista Gestão & Tecnologia (RG&T), ou Journal of Management & Technology, v. 19, n. 5 (2019), p. 189-206, ISSN: 1677-9479, e-ISSN: 2177-6652, WOS:000505075500011.	2019	https://doi.org/10.20397/2177-6652/2019.v19i5.1470, http://revistagt.fpl.edu.br/get/article/view/1470, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

C52-A1	A.S. Silitonga, H.H. Masjuki, Hwai Chyuan Ong, A.H.Sebayang, S. Dharma, F. Kusumo, J. Siswantoro, Jassinnee Milano, Khairil Daud, T.M.I. Mahlia, Wei-Hsin Chen, Bambang Sugiyanto, Evaluation of the engine performance and exhaust emissions of biodiesel-bioethanol-diesel blends using kernel-based extreme learning machine. In: Energy, ISSN: 0360-5442, Volume 159, 15 September 2018, Pages 1075-1087, WOS:000442973300092.	2018	https://doi.org/10.1016/j.energy.2018.06.202, https://www.sciencedirect.com/science/article/pii/S0360544218312672, https://apps-webofknowledge-com.am.e-nformation.ro/	5.537	6.54
C53-A1	Hamid Omidvarborna, Mahad Baawain, Abdullah Al-Mamun, Ambient air quality and exposure assessment study of the Gulf Cooperation Council countries: A critical review. In: Science of The Total Environment, Volume 636, ISSN: 0048-9697, 15 September 2018, Pages 437–448, WOS:000436599000042.	2018	https://doi.org/10.1016/j.scitotenv.2018.04.296, https://www.sciencedirect.com/science/article/pii/S0048969718314748, https://apps-webofknowledge-com.am.e-nformation.ro/	5.589	6.59
C54-A1	Mohamed A. Aissa, Ivona R. Radović, Mirjana Lj Kijevčanin, A systematic study on volumetric and transport properties of binary systems 1-propanol + n-hexadecane, 1-butanol + n-hexadecane and 1-propanol + ethyl oleate at different temperatures: Experimental and modeling. In: Fluid Phase Equilibria, Volume 473, 15 October 2018, Pages 1–16, ISSN: 0378-3812,WOS:000442060700001.	2018	https://doi.org/10.1016/j.fluid.2018.05.028, https://www.sciencedirect.com/science/article/pii/S0378381218302310, https://apps-webofknowledge-com.am.e-nformation.ro/	2.514	3.51
C55-A1	Oladapo Martins Adeniyi, Ulugbek Azimov, Alexey Burluka, Algae biofuel: Current status and future applications. Renewable and Sustainable Energy Reviews, Volume 90, July 2018, Pages 316–335, ISSN: 1364-0321,WOS:000434917700022.	2018	https://doi.org/10.1016/j.rser.2018.03.067, https://www.sciencedirect.com/science/article/pii/S1364032118301552, https://apps-webofknowledge-com.am.e-nformation.ro/	10.556	11.56

C56-A1	Andrew David Mendes Guedes, Sergio Leal Braga, Florian Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Part 2: Optimization of injection timing. In: Fuel, Volume 225, 1 August 2018, Pages 174–183, ISSN: 0016-2361, WOS:000432922400019.	2018	https://doi.org/10.1016/j.fuel.2018.02.120, https://www.sciencedirect.com/science/article/pii/S001623611830303X, https://apps-webofknowledge-com.am.e-nformation.ro/	5.128	6.13
C57-A1	S.S. Hoseini, G. Najafi, B. Ghobadian, R. Mamat, M.T. Ebadi, T. Yusaf, Novel environmentally friendly fuel: The effects of nanographene oxide additives on the performance and emission characteristics of diesel engines fuelled with Ailanthus altissima biodiesel. Renewable Energy, Available online 27 February 2018, Volume 125, September 2018, Pages 283-294, ISSN: 0960-1481, WOS:000433648500024.	2018	https://doi.org/10.1016/j.renene.2018.02.104, https://www.sciencedirect.com/science/article/pii/S0960148118302568, https://apps-webofknowledge-com.am.e-nformation.ro/	5.439	6.44
C58-A1	Logesh, G. and Madhavan, V., "Performance, Combustion and Emission Characteristics of CI Engine Fueled with Sweet Lime Peel Oil (Citrus Limetta)". Journal of Testing and Evaluation, Volume 46, Issue 5, Pages: 1799-1818, September 2018, ISSN 0090-3973, WOS:000449477400005.	2018	https://doi.org/10.1520/JTE20170056, https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20170056.htm, https://apps-webofknowledge-com.am.e-nformation.ro/	0.711	1.71
C59-A1	Mahalingam, A.; Munuswamy, D.B.; Devarajan, Y.; Radhakrishnan, S., Emission and performance analysis on the effect of exhaust gas recirculation in alcohol-biodiesel aspirated research diesel engine. Environmental Science and Pollution Research, 2018, Springer Berlin Heidelberg, Volume: 25 Issue: 13 Pages: 12641-12647 Special Issue: SI, Print ISSN 0944-1344, Online ISSN 1614-7499, WOS:000431883500040.	2018	https://doi.org/10.1007/s11356-018-1522-4, https://link.springer.com/article/10.1007/s11356-018-1522-4, https://apps-webofknowledge-com.am.e-nformation.ro/	2.914	3.91

C60-A1	Mert Gülüm, Atilla Bilgin, A comprehensive study on measurement and prediction of viscosity of biodiesel-diesel-alcohol ternary blends. Energy, Available online 3 February 2018, Volume 148, 1 April 2018, Pages 341-361, ISSN: 0360-5442, WOS:000429764000025.	2018	https://doi.org/10.1016/j.energy.2018.01.123, https://www.sciencedirect.com/science/article/pii/S036054421830152X, https://apps-webofknowledge-com.am.e-nformation.ro/	5.537	6.54
C61-A1	Harish Venu, M. Dinesh Babu, Improvement of ternary fuel combustion with various injection pressure strategies in a toroidal re-entrant combustion chamber. Environmental Science and Pollution Research, Online ISSN: 1614-7499, Print ISSN: 0944-1344, Publisher: Springer Berlin Heidelberg, November 2018, Volume 25, Issue 32, pp 32024–32043, WOS:000448662700022.	2018	https://doi.org/10.1007/s11356-018-3174-9, https://link.springer.com/article/10.1007/s11356-018-3174-9, https://apps-webofknowledge-com.am.e-nformation.ro/	2.914	3.91
C62-A1	D. Chaitanya Kumar Rao, S. Syam, Srinibas Karmakar, Ratan Joarder, Experimental investigations on nucleation, bubble growth, and micro-explosion characteristics during the combustion of ethanol/Jet A-1 fuel droplets. Experimental Thermal and Fluid Science, ISSN: 0894-1777, Volume 89, December 2017, Pages 284–294, WOS:000413387500025.	2017	https://doi.org/10.1016/j.expthermflusci.2017.08.025, http://www.sciencedirect.com/science/article/pii/S0894177717302571, https://apps-webofknowledge-com.am.e-nformation.ro/	3.204	4.20
C63-A1	Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Stabilization of diesel–biodiesel–ethanol (DBE) blends: formulation of an additive from renewable sources. Journal of the Brazilian Society of Mechanical Sciences and Engineering, September 2017, Volume 39, Issue 9, pp 3277–3293, doi:10.1007/s40430-017-0862-1, ISSN: 1678-5878 (Print) 1806-3691 (Online), Publisher Springer Berlin Heidelberg, SCOPUS, WOS:000408112500003.	2017	https://link.springer.com/article/10.1007/s40430-017-0862-1, https://doi.org/10.1007/s40430-017-0862-1, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.627	2.63

C64-A1	M.S.M. Zaharin, N.R. Abdullah, G. Najafi, H. Sharudin , T. Yusaf, Effects of physicochemical properties of biodiesel fuel blends with alcohol on diesel engine performance and exhaust emissions: A review. In: Renewable and Sustainable Energy Reviews, Volume 79, November 2017, Pages 475–493, ISSN: 1364-0321, WOS:000410011500035.	2017	https://doi.org/10.1016/j.rser.2017.05.035, http://www.sciencedirect.com/science/article/pii/S136403211730669X, https://apps-webofknowledge-com.am.e-nformation.ro/	9.184	10.18
C65-A1	Zhiwei Wang, Tingzhou Lei, Lu Lin, Miao Yang, Zaifeng Li, Xiaofei Xin, Tian Qi, Xiaofeng He, Jie Shi, and Xiaoyu Yan, Comparison of the Physical and Chemical Properties, Performance, and Emissions of Ethyl Levulinate–Biodiesel–Diesel and n-Butanol–Biodiesel–Diesel Blends. In: Energy & Fuels, 2017, 31 (5), pp 5055–5062, Print Edition ISSN: 0887-0624, Web Edition ISSN: 1520-5029, WOS:000402023600049.	2017	http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.6b02851, DOI:10.1021/acs.energyfuels.6b02851, https://apps-webofknowledge-com.am.e-nformation.ro/	3.024	4.02
C66-A1	Esmail Khalife, Meisam Tabatabaei, Ayhan Demirbas, Mortaza Aghbashlo, Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. Progress in Energy and Combustion Science, Volume 59, March 2017, Pages 32–78, ISSN: 0360-1285, WOS:000392684900002.	2017	http://dx.doi.org/10.1016/j.pecs.2016.10.001, http://www.sciencedirect.com/science/article/pii/S036012851630003X, https://apps-webofknowledge-com.am.e-nformation.ro/	25.242	26.24
C67-A1	Harish Venu, Venkataramanan Madhavan, Influence of diethyl ether (DEE) addition in ethanol-biodiesel-diesel (EBD) and methanol-biodiesel-diesel (MBD) blends in a diesel engine. Fuel, Volume 189, 1 February 2017, Pages 377–390, ISSN: 0016-2361, Elsevier, WOS:000387775500037.	2017	http://dx.doi.org/10.1016/j.fuel.2016.10.101, http://www.sciencedirect.com/science/article/pii/S001623611631064X, https://apps-webofknowledge-com.am.e-nformation.ro/	4.908	5.91

C68-A1	F. Aydın, H. Öğüt, Effects of using ethanol-biodiesel-diesel fuel in single cylinder diesel engine to engine performance and emissions. Renewable Energy, Volume 103, April 2017, Pages 688–694, Elsevier, ISSN: 0960-1481, WOS:000392769800060.	2017	http://dx.doi.org/10.1016/j.renene.2016.10.083, http://www.sciencedirect.com/science/article/pii/S0960148116309600, https://apps-webofknowledge-com.am.e-nformation.ro/	4.9	5.90
C69-A1	Ambarish Datta, Bijan Kumar Mandal, A numerical study on the performance, combustion and emission parameters of a compression ignition engine fuelled with diesel, palm stearin biodiesel and alcohol blends. Journal Clean Technologies and Environmental Policy, January 2017, Volume 19, Issue 1, pp 157–173, Print ISSN: 1618-954X, Online ISSN: 1618-9558, Publisher Springer Berlin Heidelberg, WOS:000392071100012.	2017	http://link.springer.com/article/10.1007/s10098-016-1202-3, DOI: 10.1007/s10098-016-1202-3	2.343	3.34
C70-A1	Harish Venu, Venkataramanan Madhavan, Effect of diethyl ether and Al2O3 nano additives in diesel-biodiesel-ethanol blends: Performance, combustion and emission characteristics. Journal of Mechanical Science and Technology, January 2017, Volume 31, Issue 1, pp 409–420, ISSN: 1738-494X (Print), 1976-3824 (Online), WOS:000392328800043.	2017	http://link.springer.com/article/10.1007/s12206-016-1243-x, DOI: 10.1007/s12206-016-1243-x	1.194	2.19
C71-A1	Soroush Soltani, Umer Rashid, Saud Ibrahim Al-Resayes, Imededdine Arbi Nehdi, Sulfonated mesoporous ZnO catalyst for methyl esters production. Journal of Cleaner Production, Volume 144, 15 February 2017, Pages 482–491, ISSN: 0959-6526, WOS:000393249300045.	2017	http://dx.doi.org/10.1016/j.jclepro.2016.12.128, http://www.sciencedirect.com/science/article/pii/S0959652616321916, https://apps-webofknowledge-com.am.e-nformation.ro/	5.651	6.65

C72-A1	Beatriz S. Amaral, Luciana M. B. Ventura, Ariane S. Amaral, Francisco R. A. Netoc, and Adriana Gioda, Concentration Profiles of Regulated and Unregulated Pollutants Emitted from the Combustion of Soybean Biodiesel and Diesel/Biodiesel Blend Originating of a Diesel Cycle Engine. In: Journal Of The Brazilian Chemical Society (J. Braz. Chem. Soc.), vol.28 no.4, Pages: 659-668, São Paulo Apr. 2017, Online version ISSN 1678-4790, Printed version ISSN 0103-5053, Printed in Brazil - ©2016 Sociedade Brasileira de Química 0103 - 5053 $6.00+0.00, WOS:000396347700017.	2017	http://dx.doi.org/10.21577/0103-5053.20160216, http://jbcs.sbq.org.br/imagebank/pdf/160143AR.pdf, http://www.scielo.br/scielo.php?pid=S0103-50532017000400659&script=sci_arttext, https://apps-webofknowledge-com.am.e-nformation.ro/	1.444	2.44
C73-A1	S. Dharma, Hwai Chyuan Ong, H.H. Masjuki, A.H. Sebayang, A.S. Silitonga, An overview of engine durability and compatibility using biodiesel–bioethanol–diesel blends in compression-ignition engines. In: Energy Conversion and Management, Volume 128, 15 November 2016, Pages 66–81, ISSN: 0196-8904, WOS:000388047800008.	2016	http://dx.doi.org/10.1016/j.enconman.2016.08.072, http://www.sciencedirect.com/science/article/pii/S0196890416307464, https://apps-webofknowledge-com.am.e-nformation.ro/	5.589	6.59
C74-A1	Guo, Shuman; Yang, Zhenzhong; Gao, Yuguo, Effect of Adding Biodiesel to Diesel on the Physical and Chemical Properties and Engine Performance of Fuel Blends. Journal of Biobased Materials and Bioenergy, Volume 10, Number 1, February 2016, pp. 34-43(10), ISSN: 1556-6560 (Print); EISSN: 1556-6579 (Online), Publisher: American Scientific Publishers, WOS:000385690500005.	2016	http://dx.doi.org/10.1166/jbmb.2016.1566, http://www.ingentaconnect.com/contentone/asp/jbmb/2016/00000010/00000001/art00005#expand/collapse, https://apps-webofknowledge-com.am.e-nformation.ro/	0.975	1.98
C75-A1	Thapanee Bangjang, Amaraporn Kaewchada, and Attasak Jaree, Modified Diesohol Using Distilled Cashew Nut Shell Liquid and Biodiesel. Energy & Fuels, Volume: 30, Issue: 10, Pages: 8252-8259, Print Edition ISSN: 0887-0624, Web Edition ISSN: 1520-5029, Publication Date (Web): August 29, 2016, American Chemical Society, WOS:000386107200052.	2016	http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.6b01188, DOI:10.1021/acs.energyfuels.6b01188, https://apps-webofknowledge-com.am.e-nformation.ro/	3.091	4.09

C76-A1	Harish Venu, Venkataramanan Madhavan, Effect of Al2O3 nanoparticles in biodiesel-diesel-ethanol blends at various injection strategies: Performance, combustion and emission characteristics. Fuel, Volume 186, 15 December 2016, Pages 176–189, ISSN: 0016-2361, WOS:000385318600019.	2016	http://dx.doi.org/10.1016/j.fuel.2016.08.046, http://www.sciencedirect.com/science/article/pii/S0016236116307840, https://apps-webofknowledge-com.am.e-nformation.ro/	4.601	5.60
C77-A1	Saravana Kannan Thangavelu, Abu Saleh Ahmed, Farid Nasir Ani, Impact of metals on corrosive behavior of biodiesel–diesel–ethanol (BDE) alternative fuel. Renewable Energy, Volume 94, August 2016, Pages 1-9, ISSN: 0960-1481, WOS:000375816700001.	2016	http://www.sciencedirect.com/science/article/pii/S0960148116301999, doi:10.1016/j.renene.2016.03.015, https://apps-webofknowledge-com.am.e-nformation.ro/	4.357	5.36
C78-A1	M.J. Abedin, A. Imran , H.H. Masjuki, M.A. Kalam, S.A. Shahir, M. Varman, A.M. Ruhul, An overview on comparative engine performance and emission characteristics of different techniques involved in diesel engine as dual-fuel engine operation. In: Renewable and Sustainable Energy Reviews, Volume 60, July 2016, Pages 306–316, ISSN: 1364-0321, WOS:000378448400022.	2016	http://www.sciencedirect.com/science/article/pii/S1364032116001489, doi:10.1016/j.rser.2016.01.118, https://apps-webofknowledge-com.am.e-nformation.ro/	8.050	9.05
C79-A1	Ambarish Datta, Bijan Kumar Mandal, Numerical investigation of the performance and emission parameters of a diesel engine fuelled with diesel - biodiesel - methanol blends. In: Journal of Mechanical Science and Technology, April 2016, Volume 30, Issue 4, pp 1923-1929, First online: 13 April 2016, ISSN: 1738-494X (print version), ISSN: 1976-3824 (electronic version), WOS:000374283100046.	2016	http://link.springer.com/article/10.1007/s12206-016-0351-y, DOI: 10.1007/s12206-016-0351-y, https://apps-webofknowledge-com.am.e-nformation.ro/	1.128	2.13

C80-A1	Andrés Pina-Martinez, Niramol Juntarachat, Romain Privat, Lucie Coniglio, Michel Molière, Jean-Noël Jaubert, Design of Hybrid Fuels Using a Modeling Study of the Miscibility of Ethanol–Biodiesel–Hydrocarbon Systems. În: JETC 2015: 13th Joint European, Thermodynamics Conference, Special Issue International Journal of Thermophysics, Volume: 37, Issue: 2, Special Issue: SI, Article Number: 23, ISSN: 0195-928X (Print) 1572-9567 (Online), February 2016, Publisher Springer International Publishing, 2016, WOS:000368706900011.	2016	http://link.springer.com/article/10.1007/s10765-015-2032-y, DOI: 10.1007/s10765-015-2032-y, https://apps-webofknowledge-com.am.e-nformation.ro/	0.745	1.75
C81-A1	M. Mofijur, M.G. Rasul, J. Hyde, A.K. Azad, R. Mamat, M.M.K. Bhuiya, Role of biofuel and their binary (diesel–biodiesel) and ternary (ethanol–biodiesel–diesel) blends on internal combustion engines emission reduction. În: Renewable and Sustainable Energy Reviews, Volume 53, January 2016, Pages 265–278, ISSN: 1364-0321, WOS:000367758100019.	2016	http://www.sciencedirect.com/science/article/pii/S1364032115009090, doi:10.1016/j.rser.2015.08.046, https://apps-webofknowledge-com.am.e-nformation.ro/	8.050	9.05
C82-A1	Mohankumar Chinnamma, Salini Bhasker, Harish Madhav, Rajesh Mamkulathil Devasia, Anisha Shashidharan, Balachandran Chandrasekaran Pillai, Pradeep Thevannoor, Production of coconut methyl ester (CME) and glycerol from coconut (Cocos nucifera) oil and the functional feasibility of CME as biofuel in diesel engine. Fuel, Volume 140, 15 January 2015, Pages 4–9, ISSN: 0016-2361, SCOPUS, WOS:000345438400002.	2015	http://www.sciencedirect.com/science/article/pii/S0016236114009260, doi:10.1016/j.fuel.2014.09.057, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	3.611	4.61

C83-A1	Abhishek Paul , Raj Sekhar Panua, Durbadal Debroy, Probir Kumar Bose, An experimental study of the performance, combustion and emission characteristics of a CI engine under dual fuel mode using CNG and oxygenated pilot fuel blends. În: Energy, 2015, ISSN: 0360-5442, Available online 15 May 2015, Volume 86, 15 June 2015, Pages 560-573, WOS:000356986300052.	2015	http://www.sciencedirect.com/science/article/pii/S0360544215005058, doi:10.1016/j.energy.2015.04.050, https://apps-webofknowledge-com.am.e-nformation.ro/	4.292	5.29
C84-A1	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, A.M. Ashraful, Performance and emission assessment of diesel–biodiesel–ethanol/bioethanol blend as a fuel in diesel engines: A review. În: Renewable and Sustainable Energy Reviews, Volume 48, August 2015, Pages 62–78, ISSN: 1364-0321,WOS:000356646200006.	2015	http://www.sciencedirect.com/science/article/pii/S1364032115002026#, doi:10.1016/j.rser.2015.03.049, https://apps-webofknowledge-com.am.e-nformation.ro/	6.798	7.80
C85-A1	Mert Gülüm, Atilla Bilgin, Density, flash point and heating value variations of corn oil biodiesel–diesel fuel blends. Fuel Processing Technology, Volume 134, June 2015, Pages 456–464, ISSN: 0378-3820,WOS:000353739200054.	2015	http://www.sciencedirect.com/science/article/pii/S0378382015001009, doi:10.1016/j.fuproc.2015.02.026, https://apps-webofknowledge-com.am.e-nformation.ro/	3.847	4.85
C86-A1	Aydogan, H., Performance, emission and combustion characteristics of bioethanol-biodiesel-diesel fuel blends used in a common rail diesel engine. Isi Bilimi Ve Teknigi Dergisi - Journal of Thermal Science and Technology, Volume: 35, Issue: 2, Pages: 19-27, Published: 2015, ISSN: 1300-3615, WOS:000367758900002.	2015	http://www.tibtd.org.tr/2015_2/2%20%5BHasan%20Aydo%C4%9Fan%5D%20(19-27).pdf, https://apps-webofknowledge-com.am.e-nformation.ro/	0.188	1.19

C87-A1	Abhishek Paul, Rajsekhar Panua, Durbadal Debroy and Probir Kumar Bose, A performance-emission tradeoff study of a CI engine fueled by compressed natural gas (CNG)/diesel–ethanol-PPME blend combination. Environmental Progress & Sustainable Energy, Online ISSN: 1944-7450, Print ISSN: 1944-7442, Article first published online: 18 AUG 2015, Volume: 35, Issue: 2, Pages: 517-530, MAR-APR 2016, American Institute of Chemical Engineers Environ Prog. 2015, DOI: 10.1002/ep.12223, WOS:000372972900025.	2015	http://onlinelibrary.wiley.com/doi/10.1002/ep.12223/full, https://apps-webofknowledge-com.am.e-nformation.ro/	1.631	2.63
C88-A1	Nadir Yilmaz , Franscisco M. Vigil, A. Burl Donaldson, Tariq Darabseh, Investigation of CI engine emissions in biodiesel–ethanol–diesel blends as a function of ethanol concentration. Fuel, Volume 115, January 2014, Pages 790–793, ISSN: 0016-2361,WOS:000325647000092.	2014	http://dx.doi.org/10.1016/j.fuel.2013.08.012, http://www.sciencedirect.com/science/article/pii/S0016236113007394#, https://apps-webofknowledge-com.am.e-nformation.ro/	3.520	4.52
C89-A1	M.B. Silveira, F.R. do Carmo, R.S. Santiago-Aguiar, H.B. de Sant'Ana, Ab–diesel: Liquid–liquid equilibrium and volumetric transport properties. Fuel, Volume 119, 1 March 2014, Pages 292–300, ISSN: 0016-2361, WOS:000329212100036.	2014	http://dx.doi.org/10.1016/j.fuel.2013.11.022, http://www.sciencedirect.com/science/article/pii/S0016236113010685#, https://apps-webofknowledge-com.am.e-nformation.ro/	3.520	4.52
C90-A1	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, I.M. Rizwanul Fattah, A. Sanjid, Feasibility of diesel–biodiesel–ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 379–395, ISSN: 1364-0321, SCOPUS, WOS:000333728700030.	2014	http://dx.doi.org/10.1016/j.rser.2014.01.029, http://www.sciencedirect.com/science/article/pii/S1364032114000409, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	5.901	6.90

C91-A1	Hadi Taghavifar, Hamid Taghavifar, Aref Mardani, Arash Mohebbi, Exhaust emissions prognostication for DI diesel group-hole injectors using a supervised artificial neural network approach. Fuel 125 (2014) 81–89, ISSN: 0016-2361, WOS:000333402900011.	2014	http://dx.doi.org/10.1016/j.fuel.2014.02.016, http://www.sciencedirect.com/science/article/pii/S0016236114001495, https://apps-webofknowledge-com.am.e-nformation.ro/	3.520	4.52
C92-A1	Abhishek Paul, Raj Sekhar Panua, Durbadal Debroy, Probir Kumar Bose, Effect of compressed natural gas dual fuel operation with diesel and Pongamia pinnata methyl ester (PPME) as pilot fuels on performance and emission characteristics of a CI (compression ignition) engine. Energy, Volume 68, 15 April 2014, Pages 495–509, ISSN: 0360-5442, WOS:000335874300052.	2014	http://dx.doi.org/10.1016/j.energy.2014.03.026, http://www.sciencedirect.com/science/article/pii/S0360544214002886, https://apps-webofknowledge-com.am.e-nformation.ro/	4.844	5.84
C93-A1	V. Arul Mozhi Selvan, R.B. Anand, M. Udayakumar, Effect of Cerium Oxide Nanoparticles and Carbon Nanotubes as fuel-borne additives in Diesterol blends on the performance, combustion and emission characteristics of a variable compression ratio engine. Fuel, Volume 130, 15 August 2014, Pages 160–167, ISSN: 0016-2361, WOS:000336035600022.	2014	http://dx.doi.org/10.1016/j.fuel.2014.04.034, http://www.sciencedirect.com/science/article/pii/S001623614400355X, https://apps-webofknowledge-com.am.e-nformation.ro/	3.520	4.52

C94-A1	Bielski, S (Bielski, Stanislaw); Jankowski, K (Jankowski, Krzysztof); Budzynski, W (Budzynski, Wojciech), The energy efficiency of oil seed crops production and their biomass conversion into liquid fuels. In: Przemysl Chemiczny 92(12):2270-2273, 88707, December 2014, ISSN: 0033-2496, e-ISSN: 2449-9951, DOI: 10.12916/przemchem.2014.2270, WOS:000349141000067.	2014	not.pl/publikacja-88707-the-energy-efficiency-of-oil-seed-crops-production-and-their-biomass-conversion-into-liquid-fuels-efektywno%C5%9B%C4%87-energetyczna-uprawy-ro%C5%9Blin-oleistych-i-konwersji-ich-biomasy-na-paliwa-p%C5%82ynne-przemysl-chemiczny-2014-12.html, https://www.researchgate.net/publication/282115070_The_energy_efficiency_of_oil_seed_crops_production_and_their_biomass_conversion_into_liquid_fuels, https://apps-webofknowledge-com.am.e-nformation.ro/	0.399	1.40
C95-A1	O. Armas, A. Gómez, C. Mata, A. Ramos. Particle size distributions from a city bus fuelled with ethanol–biodiesel–diesel fuel blends. Fuel, Volume 111, September 2013, Pages 393–400, ISSN: 0016-2361, WOS:000321037600047.	2013	http://dx.doi.org/10.1016/j.fuel.2013.03.036, http://www.sciencedirect.com/science/article/pii/S001623611300224X, https://apps-webofknowledge-com.am.e-nformation.ro/	3.406	4.41
C96-A1	Seoksu Moon, Taku Tsujimura, Mitsuharu Oguma, Zhili Chen, Zhenhai Huang, Takatoshi Saitou. Mixture condition, combustion and sooting characteristics of ethanol–diesel blends in diffusion flames under various injection and ambient conditions. Fuel, Volume 113, November 2013, Pages 128–139, ISSN: 0016-2361, WOS:000323937300016.	2013	http://dx.doi.org/10.1016/j.fuel.2013.05.060, http://www.sciencedirect.com/science/article/pii/S0016236113004729, https://apps-webofknowledge-com.am.e-nformation.ro/	3.406	4.41

C97-A1	Su Han Park, Junepyo Cha, Chang Sik Lee, Impact of biodiesel in bioethanol blended diesel on the engine performance and emissions characteristics in compression ignition engine. Applied Energy, Volume 99, November 2012, Pages 334-343, ISSN: 0306-2619, DOI: 10.1016/j.apenergy.2012.05.050, WOS:000308049400036.	2012	http://dx.doi.org/10.1016/j.apenergy.2012.05.050, http://www.sciencedirect.com/science/article/pii/S0306261912004230, https://apps-webofknowledge-com.am.e-nformation.ro/	4.781	5.78
C98-A1	S. Jaichandar, P. Senthil Kumar, K. Annamalai. Combined effect of injection timing and combustion chamber geometry on the performance of a biodiesel fueled diesel engine. Energy 47 (2012) 388-394, Elsevier, ISSN: 0360-5442, WOS:000313854100042.	2012	http://dx.doi.org/10.1016/j.energy.2012.09.059, http://www.sciencedirect.com/science/article/pii/S0360544212007384, https://apps-webofknowledge-com.am.e-nformation.ro/	3.651	4.65
C99-A1	Zhi-wei Wang, Ting-zhou Lei, Liang Liu, Jin-ling Zhu, Xiao-feng He, and Zai-feng Li, Performance investigations of a diesel engine using ethyl levulinate-diesel blends. Journal BioResources 2012, Vol. 7, No. 4, pp. 5972-5982, ISSN: 1930-2126, WOS:000311336800119.	2012	http://www.ncsu.edu/bioresources/BioRes_07/BioRes_07_4_5972_Wang_Diesel_Ethyl_Levulinate_Blends_3330.pdf, http://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/3330, https://apps-webofknowledge-com.am.e-nformation.ro/	1.309	2.31
C100-A1	Octavio Armas, M. Arántzazu Gómez, Eduardo J. Barrientos, and André. L. Boehman, Estimation of Opacity Tendency of Ethanol– and Biodiesel–Diesel Blends by Means of the Smoke Point Technique. Energy Fuels, 2011, 25 (7), pp 3283–3288, ISSN: 0887-0624, Section: Fossil Fuels, Derivatives, and Related Products, WOS:000292892700061.	2011	http://pubs.acs.org/doi/abs/10.1021/ef2005817, doi:10.1021/ef2005817, https://apps-webofknowledge-com.am.e-nformation.ro/	2.721	3.72
C101-A1	Mário Luciano Randazzo and José Ricardo Sodré, Cold start and fuel consumption of a vehicle fuelled with blends of diesel oil–soybean biodiesel–ethanol. Fuel, Volume 90, Issue 11, November 2011, Pages 3291-3294, ISSN: 0016-2361, WOS:000295734200019.	2011	http://www.sciencedirect.com/science/article/pii/S0016236111003772, doi:10.1016/j.fuel.2011.06.058, https://apps-webofknowledge-com.am.e-nformation.ro/	3.248	4.25

C102-A1	Gaurav Dwivedi, Siddharth Jain, M.P. Sharma, Impact analysis of biodiesel on engine performance - A review. Renewable and Sustainable Energy Reviews (RENEW SUST ENERG REV) ISSN 1364-0321, Volume 15, Issue 9, December 2011, Pages 4633–4641, WOS:000298764400041.	2011	http://www.sciencedirect.com/science/article/pii/S1364032111003340, doi:10.1016/j.rser.2011.07.089, https://apps-webofknowledge-com.am.e-nformation.ro/	6.018	7.02
C103-A1	Belmadani, S., Hanini, S., Laidi, M., Si-Moussa, C. & Hamadache, M. (2020). Artificial Neural Network Models for Prediction of Density and Kinematic Viscosity of Different Systems of Biofuels and Their Blends with Diesel Fuel. Comparative Analysis. Kemija u industriji (Kem. Ind.) - Journal of Chemists and Chemical Engineers, 69 (7-8) (2020), 355-364, ISSN: 0022-9830, EISSN: 1334-9090, Paper reference number: KUI-53/2019, WOS:000577491400001.	2020	https://doi.org/10.15255/KUI.2019.053, https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=348749, https://doaj.org/article/a4e76fde5cdc4bb8b089778d2a803f2e, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C104-A1	Ajai Prasad Nigam & Shailendra Sinha, Techniques to Control IC Engine Exhaust Emissions through Modification in Fuel and Intake Air – A Review. International Journal of Ambient Energy, CODEN: IJAED, Print ISSN: 0143-0750, Online ISSN: 2162-8246, Accepted author version posted online: 06 Oct 2020, DOI: 10.1080/01430750.2020.1831591, Publisher: Taylor and Francis Ltd., SCOPUS, WOS:000581582100001.	2020	https://doi.org/10.1080/01430750.2020.1831591, https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1831591, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

C105-A1	Hurmathulla Khan, Mohammed Kareemullah, H. C. Ravi, K. Fazlur Rehman, R. Harish Kumar, Asif Afzal, Manzoore Elahi M. Soudagar & H. Fayaz, Combined Effect of Synthesized Waste Milk Scum Oil Methyl Ester and Ethanol Fuel Blend on the Diesel Engine Characteristics. In: Journal of The Institution of Engineers (India): Series C (2020), 101, 947–962, Electronic ISSN: 2250-0553, Print ISSN: 2250-0545, Published: 17 August 2020, (Khan, H., Kareemullah, M., Ravi, H.C. et al. Combined Effect of Synthesized Waste Milk Scum Oil Methyl Ester and Ethanol Fuel Blend on the Diesel Engine Characteristics. J. Inst. Eng. India Ser. C 101, 947–962 (2020), SCOPUS.	2020	https://doi.org/10.1007/s40032-020-00605-3, https://link.springer.com/article/10.1007/s40032-020-00605-3, https://www-scopus-com.am.e-nformation.ro/	1.00
C106-A1	Máté Zöldy, Ethanol-biodiesel-diesel blends as a diesel extender option on compression ignition engines. Transport; Volume 26, Issue 3, 2011, pages 303-309; Available online: 05 Oct 2011, ISSN: 1648-4142 (Print); 1648-3489 (Online), DOI: 10.3846/16484142.2011.623824, SCOPUS, WOS:000295884800010.	2011	http://www.tandfonline.com/doi/abs/10.3846/16484142.2011.623824, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C107-A1	Sinha, S. and Kumar, N., "Utilization of Blends of Biodiesel and Higher Alcohols in a Small Capacity Diesel Engine," SAE Technical Paper 2019-01-0580, Volume 2019-April, Issue April - 2 April 2019, SAE World Congress Experience, WCX 2019, 9 April 2019 - 11 April 2019, SCOPUS.	2019	https://doi.org/10.4271/2019-01-0580, https://www-scopus-com.am.e-nformation.ro	1.00
C108-A1	Datla Ravichandra, Ravi Kumar Puli, V. P. Chandramohan, A Review Report on Turbocharged Diesel Engine with Alternative Fuels. Journal of The Institution of Engineers (India): Series C, First Online: 12 March 2019, Online ISSN 2250-0553, Print ISSN 2250-0545, Publisher Springer India, (Ravichandra, D., Puli, R.K. & Chandramohan, V.P. J. Inst. Eng. India Ser. C (2019), 100(6), pp. 1043-1052, SCOPUS.	2019	https://doi.org/10.1007/s40032-019-00510-4, https://link.springer.com/article/10.1007/s40032-019-00510-4, https://www-scopus-com.am.e-nformation.ro	1.00

C109-A1	D. Ravichandra, Ravi Kumar Puli, V. P. Chandramohan & V. Edwin Geo, Experimental analysis of Deccan hemp oil as a new energy feedstock for compression ignition engine. International Journal of Ambient Energy, Print ISSN: 0143-0750, Online ISSN: 2162-8246, Volume 40, Issue 6, 18 August 2019, Pages 634-644, Taylor & Francis, Published online: 23 Jan 2018, SCOPUS, WOS:000473507200012.	2019	http://www.tandfonline.com/doi/abs/10.1080/01430750.2017.1421572, https://doi.org/10.1080/01430750.2017.1421572, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C110-A1	Razak, N.H. Hashim, H. Yunus, N.A. Klemeš, J.J. Yee, P.L., Optimisation of Ternary Green Diesel Blends for Diesel/Palm Methyl Ester/Alcohol using Product Design Optimization. Chemical Engineering Transactions, VOL. 72, 2019, pp. 391-396, ISBN 978-88-95608-69-3; ISSN 2283-9216, SCOPUS.	2019	DOI: 10.3303/CET1972066, https://www.aidic.it/cet/19/72/066.pdf, https://www-scopus-com.am.e-nformation.ro	1.00
C111-A1	Hariram, V., Udhayakumar, V., Karthick, P., Abraham Eben Andrews, A., Arunraja, A., Seralathan, S., Micha Premkumar, T., Effect of carbon nanotubes on oxygenated jojoba biodiesel-diesel blends in direct injection CI engines. International Journal of Vehicle Structures and Systems, Volume 10, Issue 6, 2018, Pages 423-432, ISSN: 0975-3060, E-ISSN: 0975-3540, doi:10.4273/ijvss.10.6.11, SCOPUS.	2018	https://doi.org/10.4273/ijvss.10.6.11, Available online at www.maftree.org/eja, https://www-scopus-com.am.e-nformation.ro	1.00
C112-A1	Mert G., Atilla B. (2018) Effects of Temperature and Biodiesel Fraction on Dynamic Viscosities of Commercially Available Diesel Fuels and Its Blends with the Highest Methyl Ester Yield Corn Oil Biodisel Produced by Using KOH. In: Aloui F., Dincer I. (eds) Exergy for A Better Environment and Improved Sustainability 2. Green Energy and Technology. Springer, Cham, Online ISBN: 978-3-319-62575-1, Print ISBN: 978-3-319-62574-4, SCOPUS, WOS:000477745900006.	2018	https://doi.org/10.1007/978-3-319-62575-1_6, https://link.springer.com/chapter/10.1007/978-3-319-62575-1_6, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

C113-A1	Md Mahmudul Hassan, Ftwi Yohaness Hagos and Rizalman Mamat, Comparative Analysis of Diesel, Diesel-Palm Biodiesel and Diesel-Biodiesel-Butanol Blends in Diesel Engine. From: ASME 2018 12th International Conference on Energy Sustainability collocated with the ASME 2018 Power Conference and the ASME 2018 Nuclear Forum, Lake Buena Vista, Florida, USA, June 24–28, 2018, Conference Sponsors: Advanced Energy Systems Division, Solar Energy Division, ISBN: 978-0-7918-5141-8, Copyright © 2018 by ASME, Paper No. ES2018-7571, pp. V001T04A007, SCOPUS, WOS:000460491900017.	2018	doi:10.1115/ES2018-7571, http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=2706343, https://www-scopus-com.am.e-nformation.ro, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C114-A1	Abdul-Whab Anjel, H., Mahmood, A.A., Investigation of the effects of different diesel fuel cetane numbers on exhaust emissions in a single cylinder direct injection diesel engine(Conference Paper). Volume 2018-January, 23 January 2018, Pages 71-75, 2017 International Conference on Environmental Impacts of the Oil and Gas Industries: Kurdistan Region of Iraq as a Case Study, EIOGI 2017; Koya-Erbil; Iraq; 17 April 2017 through 19 April 2017; Category number CFP17OGI-ART; Code 134380, SCOPUS.	2018	DOI: 10.1109/EIOGI.2017.8267628, https://ieeexplore-ieee-org.am.e-nformation.ro/document/8267628, https://www-scopus-com.am.e-nformation.ro/	1.00
C115-A1	Nandagopal, S., Masimalai, S., Subramaniyan, A., and Mayakrishnan, J., Investigation on Electronic Assisted Primary Fuel Injection of Compression Ignition Engine Fueled with Waste Cooking Oil as Pilot Fuel for Improved Part Load Efficiency and Effective Waste Utilization. SAE Technical Paper 2017-01-0768, Volume 2017-March, Issue March - 28 March 2017, SAE World Congress Experience, WCX 2017, 4 April 2017 - 6 April 2017, SCOPUS.	2017	doi:10.4271/2017-01-0768, http://papers.sae.org/2017-01-0768/, https://www-scopus-com.am.e-nformation.ro/	1.00

C116-A1	N. Saifuddin, H. Refal and P. Kumaran, Performance and emission characteristics of micro gas turbine engine fuelled with bioethanol-diesel-biodiesel blends. International Journal of Automotive and Mechanical Engineering, ISSN: 2229-8649 (Print); ISSN: 2180-1606 (Online); Volume 14, Issue 1 pp. 4030-4049, March 2017 ©Universiti Malaysia Pahang Publishing, SCOPUS, WOS:000413593400016.	2017	https://doi.org/10.15282/ijame.14.1.2017.16.0326, https://www.scopus.com/record/display.uri?eid=2-s2.0-85028510476&origin=inward&txGid=477b51c9ee3ba72426559834d513317b, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C117-A1	Hasan Aydogan; A. Engin Ozcelik; Mustafa Acaroglu, An Experimental Study on the Effects of Bioethanol - Gasoline Blends on Engine Performance in a Spark Ignition Engine. International Conference on Consumer Electronics and Devices (ICCED), 14-17 July 2017, IEEE Xplore: 31 August 2017, Electronic ISBN: 978-1-5386-0403-8, DVD ISBN: 978-1-5386-0402-1, Print on Demand(PoD) ISBN: 978-1-5386-0404-5, SCOPUS, WOS:000426978400005.	2017	doi:10.1109/ICCED.2017.8019984, http://ieeexplore.ieee.org/abstract/document/8019984/, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C118-A1	M H Low, N A M Mukhtar, Ftwi Yohaness Hagos and M M Noor (2017), Tri-fuel (diesel-biodiesel-ethanol) emulsion characterization, stability and the corrosion effect. IOP Publishing, IOP Conference Series: Materials Science and Engineering, Volume 257, conference 1, 4th International Conference on Mechanical Engineering Research (ICMER2017), IOP Conf. Series: Materials Science and Engineering 257 (2017) 012082, (M H Low et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 257 012082), SCOPUS, WOS:000419543400082.	2017	doi:10.1088/1757-899X/257/1/012082, http://iopscience.iop.org/article/10.1088/1757-899X/257/1/012082/meta, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

C119-A1	Omidvarborna, H., Kumar, A., Kim, D.-S., The effects of the degree of unsaturation of various biodiesel feedstocks on CO and CO2 emissions from low-temperature combustion (Conference Paper). Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA Volume 3, 2016, Pages 2135-2145, ISSN 1052-6102, 109th Air and Waste Management Association Annual Conference and Exhibition: Unmasking the Industrial Renaissance, ACE 2016; New Orleans; United States; 20 June 2016 through 23 June 2016; Code 126145, SCOPUS.	2016	https://www-scopus-com.am.e-nformation.ro/	1.00
C120-A1	Vara Prasad, P., Hariprakash, R., Durga Prasad, B., Influence of FIP on crude rice bran biodiesel fuelled DICI engine. ARPN Journal of Engineering and Applied Sciences, Volume 11, Issue 19, 1 October 2016, Pages 11536-11543, ISSN:1819-6608, Publisher: Asian Research Publishing Network (ARPN), SCOPUS.	2016	http://www.arpnjournals.org/jeas/research_papers/rp_2016/jeas_1016_5107.pdf, https://www-scopus-com.am.e-nformation.ro/	1.00
C121-A1	Hamid Omidvarborna, Ashok Kumar, Dong-Shik Kim, A laboratory investigation on the effects of unsaturated bonds and chain lengths of different biodiesel feedstocks on carbon dioxide, carbon monoxide, and methane emissions under low-temperature combustion. Journal of Environmental Chemical Engineering, ISSN: 2213-2929, eISSN: 2213-3437, Available online 2 November 2016, Volume 4, Issue 4, Part A, December 2016, Pages 4769-4775, WOS:000391700900106.	2016	http://dx.doi.org/10.1016/j.jece.2016.11.001, http://www.sciencedirect.com/science/article/pii/S2213343716303931, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

C122-A1	Zulkifli Abdul Majid, Rahmat Mohsin, Noor Shawal Nasri, Effect of Bioethanol on Engine Performance and Exhaust Emissions of a Diesel Fuel Engine. International Journal of Technology (2016), Volume 7, Issue 6, Pages 972-980, © IJTech 2016, ISSN 2086-9614, SCOPUS, WOS:000387211100006.	2016	http://www.ijtech.eng.ui.ac.id/index.php/journal/article/view/3662, https://doi.org/10.14716/ijtech.v7i6.3662, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C123-A1	D.H. Qi, C.F. Lee, P.P. Wang & S.T. Wu, Effect of ethanol on the performance, emission and combustion characteristics of a compression ignition engine fuelled with vegetable oil–diesel blend. În: International Journal of Ambient Energy, DOI: 10.1080/01430750.2014.962087, ISSN: 0143-0750 (Print), 2162-8246 (Online), Published By: Taylor & Francis Group, Volume 37, Issue 3, 2016, pages 284-293, WOS:000378211500009.	2016	http://www.tandfonline.com/doi/abs/10.1080/01430750.2014.962087#.VDoJCpDn_Dc, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C124-A1	Marchitto, L., Merola, S., Tornatore, C., and Valentino, G., "An Experimental Investigation of Alcohol/Diesel Fuel Blends on Combustion and Emissions in a Single-Cylinder Compression Ignition Engine," SAE Technical Paper 2016-01-0738, ISSN 0148-7191, SAE 2016 World Congress and Exhibition, 12 April 2016 - 14 April 2016, SCOPUS.	2016	doi:10.4271/2016-01-0738, http://papers.sae.org/2016-01-0738/, https://www-scopus-com.am.e-nformation.ro/	1.00
C125-A1	Prabakaran, B., Sundar, S.P., Experimental investigation on performance, emission, and ignition delay analysis of biodiesel addition in diesel-ethanol blends. International Journal of Energy, Environment and Economics, Volume 23, Issue 1, 1 January 2015, Pages 149-157, ISSN: 1054-853X, SCOPUS.	2015	https://www-scopus-com.am.e-nformation.ro/	1.00

C126-A1	Teodora Deac, Lucian Fechete-Tutunaru, Ferenc Gaspar, Environmental Impact of Sawdust Briquettes Use – Experimental Approach. În: Energy Procedia, Volume 85, January 2016, Pages 178–183, ISSN: 1876-6102, Elsevier, EENVIRO-YRC 2015 - Bucharest, doi:10.1016/j.egypro.2015.12.324, SCOPUS, WOS:000377911100022.	2015	http://www.sciencedirect.com/science/article/pii/S1876610215029896, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C127-A1	Renata Marks-Bielska, Stanislaw Bielski, Krystyna Kurowska, Hubert Kryszk, Potential ability to increase the area of winter rapeseed cultivation for biofuel production in Poland. În: 14th International Scientific Conference Engineering for Rural Development, 20.-22.05.2015. Jelgava, LATVIA, ISSN 1691-5976, pp. 330-335, SCOPUS, WOS:000380531200054.	2015	http://tf.llu.lv/conference/proceedings2015/Papers/054_Marks-Bielska.pdf, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C128-A1	M. Mofijur, M.G. Rasul, J. Hyde, Recent Developments on Internal Combustion Engine Performance and Emissions Fuelled With Biodiesel-Diesel-Ethanol Blends. În: Procedia Engineering, Volume 105, 2015, Pages 658–664, ISSN: 1877-7058, The 6th BSME International Conference on Thermal Engineering, WOS:000380503100081.	2015	doi:10.1016/j.proeng.2015.05.045, http://www.sciencedirect.com/science/article/pii/S1877705815008425, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C129-A1	P. Prus; M. Borecki; M. L. Korwin-Pawlowski and M. Duk, Software detection of characteristics data of optical signals received in multiparametric capillary sensors of diesel fuel, Proc. SPIE 9662, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2015, 966209 (September 11, 2015); doi:10.1117/12.2203125, SCOPUS, WOS:000363279000009.	2015	http://dx.doi.org/10.1117/12.2203125, http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2442182, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

C130-A1	Bin Abdullah, M.F.E., Bin Sulaiman, M.H., Abdul Majid, N.A.B., NOx emission of diesel fuel blended with different saturation degrees of biofuel and with oxygenator (Conference Paper), Applied Mechanics and Materials , Volume 660, 2014, Pages 397-401, 5th International Conference on Mechanical and Manufacturing Engineering 2014, ICME 2014; Bandung; Indonesia; 29 October 2014 through 30 October 2014; Code 110759, ISSN: 1660-9336, ISBN: 978-303835278-5; 978-303835278-5, Document Type: Conference Paper, SCOPUS.	2014	10.4028/www.scientific.net/AMM.660.397, https://www-scopus-com.am.e-nformation.ro/	1.00
C131-A1	P. Prus ; M. Borecki ; M. L. Korwin-Pawlowski ; A. Kociubiński and M. Duk, "Automatic detection of characteristic points and form of optical signals in multiparametric capillary sensors", Proc. SPIE 9290, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2014, 929009 (November 25, 2014); doi:10.1117/12.2074463, SCOPUS, WOS:000354182200009.	2014	http://dx.doi.org/10.1117/12.2074463, http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1984547, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C132-A1	Marchetti, J.M., Biodiesel properties and emissions based on the type of blend and raw material (Book Chapter). Biodiesel: Blends, Properties and Applications, January 01, 2014, Pages 343-362, ISBN: 978-162081664-6; 978-163117024-9, SCOPUS.	2014	https://www-scopus-com.am.e-nformation.ro/	1.00
C133-A1	Pali, H., Kumar, N., and Mishra, C., Effect of Blending of Ethanol in Kusum Oil on Performance and Emission Characteristics of a Single Cylinder Diesel Engine, SAE Technical Paper 2014-01-1396, 2014, DOI: 10.4271/2014-01-1396, Volume 1, 2014, SAE 2014 World Congress and Exhibition; Detroit, MI; United States; 8 April 2014 through 10 April 2014; Code 104424, SCOPUS.	2014	http://papers.sae.org/2014-01-1396/, https://www-scopus-com.am.e-nformation.ro/	1.00

C134-A1	Wu, J., Hua, Y., Wang, Z.C., Zhu, L., Wang, H.M., Study on Combustion and Emission Characteristics of Acidic Oil Biodiesel. 5th International Conference on Mechanical, Industrial, and Manufacturing Technologies, MIMT 2014; Penang; Malaysia; 10 March 2014 through 11 March 2014; Code 104671, Applied Mechanics and Materials, Volume 541-542, 2014, Pages 982-988, ISSN: 16627482, ISBN: 978-303835055-2, SCOPUS, WOS:000348897300187.	2014	10.4028/www.scientific.net/AMM.541-542, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C135-A1	Balasubramanian, K.A., Srithar, K., Multiple biodiesel mixtures in diesel engine - performance and emission analysis. Energy Education Science and Technology Part A: Energy Science and Research, Volume 32, Issue 1, 2014, Pages 13-24, ISSN:1308-772X, SCOPUS.	2014	https://www-scopus-com.am.e-nformation.ro/	1.00
C136-A1	Paul, Abhishek; Panua, Rajsekhar; Bose, Probir Kumar; Banerjee, Rahul. An experimental study of performance and emission parameters of a compression ignition engine fueled by different blends of Diesel-Ethanol-biodiesel. 2013 International Conference on Energy Efficient Technologies for Sustainability, ICEETS 2013, Nagercoil; India; 10 April 2013 through 12 April 2013; Code 98095, Article number 6533485, Pages 786-791, Print ISBN: 978-1-4673-6149-1, SCOPUS, WOS:000325820000139.	2013	DOI:10.1109/ICEETS.2013.6533485, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6533485&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D6533485; https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C137-A1	Gaurav Dwivedi, Siddharth Jain, M.P. Sharma. Diesel engine performance and emission analysis using biodiesel from various oil sources – Review. J. Mater. Environ. Sci. 4 (4) (2013) 434-447, ISSN: 2028-2508, CODEN: JMESCN 434, SCOPUS.	2013	http://www.jmaterenvironsci.com/Document/vol4/vol4_N4/65-JMES-371-2013-Dwivedi.pdf, https://www-scopus-com.am.e-nformation.ro/	1.00

C138-A1	Octavio Armas, Arantzazu Gómez, Carmen Mata, Ángel Ramos, Particles emitted during the stops of an urban bus fuelled with ethanol–biodiesel–diesel blends. Journal Urban Climate, Imprint: ELSEVIER, Volume 2, December 2012, Pages 43–54, DOI: 10.1016/j.uclim.2012.10.007, ISSN: 2212-0955, SCOPUS.	2012	http://dx.doi.org/10.1016/j.uclim.2012.10.007, http://www.sciencedirect.com/science/article/pii/S2212095512000144, https://www-scopus-com.am.e-nformation.ro/	1.00
C139-A1	K. Arun Balasubramanian, Dual Biodiesel Blends in Diesel Engine – Performance and Emission Analysis. European Journal of Scientific Research, ISSN 1450-216X, Vol.75 No.3 (2012), pp. 400-408, SCOPUS.	2012	http://www.europeanjournalofscientificresearch.com/ISSUES/EJSR_75_3_09.pdf, https://www-scopus-com.am.e-nformation.ro/	1.00
C140-A1	Geacai, S., Nita, I., Iulian, O., Geacai, E., Ştefaniu, A., Physico-chemical properties of mixtures with biodiesel, diesel fuel, benzene and toluene (Conference Paper), 20th International Congress of Chemical and Process Engineering, CHISA 2012 and 15th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2012;Prague;25 August 2012 through 29 August 2012, SCOPUS.	2012	https://www-scopus-com.am.e-nformation.ro/	1.00
C141-A1	Sivapirakasam, S.P., Anand, R., Kannan, G.R., Balasubramanian, K.R., Optimization of biodiesel production using RSM and study of combustion characteristics on di diesel engine, ASME 2012 International Mechanical Engineering Congress and Exposition, Proceedings IMECE 2012; Houston, TX; United States; 9 November 2012 through 15 November 2012; Code 100737, Volume 6, Issue PARTS A AND B, 2012, Pages 37-42, SCOPUS, WOS:000350070400005.	2012	http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1751121, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

	C142-A1	Krzysztof Gorski, Ruslans Smigins, Impact of ether/ethanol and biodiesel blends on combustion process of compression ignition engine. 10th International Scientific Conference Engineering for Rural Development, Jelgava, 26.-27.05.2011, Proceedings, Volume 10, May 26-27, 2011, pp. 260-265, ISSN: 1691-5976; 1691-3043, SCOPUS.	2011	http://tf.llu.lv/conference/proceedings2011/Papers/048_Gorski.pdf, https://www-scopus-com.am.e-nformation.ro/		1.00
	C143-A1	Marchetti, J.M., Biodiesel properties and emissions based on the type of blend and raw material (Book Chapter). Biodiesel: Blends, Properties and Applications, 2011, Pages 345-362, ISBN: 978-161324660-3, SCOPUS.	2011	https://www-scopus-com.am.e-nformation.ro/		1.00
	C144-A1	Aydoğan, H., Acaroğlu, M., The Effects of Bioethanol-Diesel Fuel Blends on the Performance and Emissions of a Turbocharged Pump Injection Diesel Engine. Energy Education Science and Technology Part A: Energy Science and Research, 2011 Volume (Issues) 28(1): 261-270, ISSN: 1308-772X, SCOPUS, WOS:000291125500027.	2011	http://www.silascience.com/journals_detail.aspx?j_id=2&v_no=69, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
A2	Barabás, I.; Todoruţ, I.-A. (2011). Predicting the Temperature Dependent Viscosity of Biodiesel – Diesel – Bioethanol Blends. În: Energy & Fuels, 2011, Volume 25, Issue 12, pg. 5767–5774, DOI: 10.1021/ef2007936, ISSN 0887-0624 (Print Edition), ISSN: 1520-5029 (Web Edition), http://pubs.acs.org/doi/abs/10.1021/ef2007936; http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000297946500025.	Razak, NH (Razak, Nurul Hanim), Hashim, H (Hashim, Haslenda), Yunus, NA (Yunus, Nor Alafiza), Klemeš, JJ (Klemeš, Jiří Jaromir), Reducing diesel exhaust emissions by optimisation of alcohol oxygenates blend with diesel/biodiesel. Journal of Cleaner Production (J CLEAN PROD), Available online 25 June 2021, Volume 316, 20 September 2021, Article number 128090, ISSN: 0959-6526, eISSN:1879-1786, DOI: 10.1016/j.jclepro.2021.128090, WOS:000696501100003.	2021	https://doi.org/10.1016/j.jclepro.2021.128090, https://www.sciencedirect.com/science/article/abs/pii/S0959652621023088, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	9.297	10.30

C2-A2	M.A. Mujtaba; M.A. Kalam; H.H. Masjuki; Luqman Razzaq; Haris Mehmood Khan; Manzoore Elahi M. Soudagar; M. Gul; Waqar Ahmed; V. Dhana Raju; Ravinder Kumar; Hwai Chyuan Ong, Development of empirical correlations for density and viscosity estimation of ternary biodiesel blends. Renewable Energy, Available online 27 July 2021, Volume 179, December 2021, Pages 1447-1457, ISSN: 0960-1481, eISSN: 1879-0682, DOI 10.1016/j.renene.2021.07.121, WOS:000703681500007.	2021	https://doi.org/10.1016/j.renene.2021.07.121, https://www.sciencedirect.com/science/article/pii/S0960148121011265, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	8.001	9.00
C3-A2	Santos, DC (Santos, David C.), Lamim, MN (Lamim, Marina N.), Costa, DS (Costa, Daniela S.), Mehl, A (Mehl, Ana), Couto, P (Couto, Paulo), Paredes, MLL (Paredes, Marcio L. L.), Experimental and modeling studies of density and viscosity behavior of a live fluid due to CO2 injection at reservoir condition. OGST (Oil & Gas Science and Technology) - Revue d'IFP Energies nouvelles, Issue: Oil Gas Sci. Technol. – Rev. IFP Energies Nouvelles, Volume 76, 2021, Article Number: 45, Published online 18 June 2021, ISSN: 1294-4475, e-ISSN: 1953-8189, DOI 10.2516/ogst/2021026, WOS:000664798200001.	2021	https://doi.org/10.2516/ogst/2021026, https://ogst.ifpenergiesnouvelles.fr/articles/ogst/full_html/2021/01/ogst210047/ogst210047.html, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro	1.708	2.71
C4-A2	Marcel Lúcio Hyppolito, Luan Alves de Souza, Ivênio Moreira da Silva, Flávio Castro da Silva, Laurênio Ferreira Lopes, Production and characterization of diesel mixtures with corn oil biodiesel (Produção e caracterização das misturas do diesel com biodiesel de óleo de milho). Revista em Agronegócio e Meio Ambiente - RAMA, UniCesumar, Maringá (PR), Brasil, ISSN:1981-9951, e-ISSN: 2176-9168, Volume 14, Issue 4, 5 August 2021, Article number e8872, v. 14 n. 4 (2021): out./dez., Tecnologias Limpas, DOI: 10.17765/2176-9168.2021v14n4e8872, SCOPUS.	2021	https://doi.org/10.17765/2176-9168.2021v14n4e8872, https://periodicos.unicesumar.edu.br/index.php/rama/article/view/8872, https://www-scopus-com.am.e-nformation.ro/		1.00

C5-A2	Masoud Mehrizadeh, Hadi Nikbin-Fashkacheh, Nima Zand, Adel Najafi-Marghmaleki, Accurate Prediction of Kinematic Viscosity of Biodiesels and their Blends with Diesel Fuels. Journal of the American Oil Chemists' Society (J Am Oil Chem Soc), 2020, First published: 13 September 2020, Volume: 97, Issue: 10, Pages: 1083-1094, ISSN: 0003-021X, Online ISSN:1558-9331, DOI 10.1002/aocs.12421, WOS:000568636500001.	2020	https://doi.org/10.1002/aocs.12421, https://aocs.onlinelibrary.wiley.com/doi/abs/10.1002/aocs.12421, https://apps-webofknowledge-com.am.e-nformation.ro/	1.849	2.85
C6-A2	Razzaq, L.; Farooq, M.; Mujtaba, M.A.; Sher, F.; Farhan, M.; Hassan, M.T.; Soudagar, M.E.M.; Atabani, A.E.; Kalam, M.A.; Imran, M. Modeling Viscosity and Density of Ethanol-Diesel-Biodiesel Ternary Blends for Sustainable Environment. Sustainability 2020, 12, 5186, ISSN 2071-1050, WOS:000554678600001.	2020	https://doi.org/10.3390/su12125186, https://www.mdpi.com/2071-1050/12/12/5186, https://apps-webofknowledge-com.am.e-nformation.ro/	3.251	4.25
C7-A2	Xuan Duy, N.H., Xuan Khoa, N., Hieu, L.T., Lim, O., A study on the Spray development under Non- Vaporizing condition using Gasoline-Biodiesel blend in Constant Volume Combustion Chamber. Published in: 2020 5th International Conference on Smart and Sustainable Technologies (SpliTech), Date of Conference: 23-26 Se+C185pt. 2020, Date Added to IEEE Xplore: 04 November 2020, Publisher: IEEE, Conference Location: Split, Croatia, DOI: 10.23919/SpliTech49282.2020.9243765, SCOPUS.	2020	https://ieeexplore.ieee.org/abstract/document/9243765, https://www-scopus-com.am.e-nformation.ro/		1.00
C8-A2	Kong, X., Lim, O., The study of injection pressure on spray characteristic under GCI conditions using Gasoline-Biodiesel Blended. Published in: 2020 5th International Conference on Smart and Sustainable Technologies (SpliTech), Date of Conference: 23-26 Sept. 2020, Date Added to IEEE Xplore: 04 November 2020, Publisher: IEEE, Conference Location: Split, Croatia, DOI: 10.23919/SpliTech49282.2020.9243772, SCOPUS.	2020	https://ieeexplore.ieee.org/abstract/document/9243772, https://www-scopus-com.am.e-nformation.ro/		1.00

C9-A2	Aulia, H. N.; Hidayat, F. N.; Sriana, T., Characteristic study of biodiesel mixtures from used oil and diesel oil. INTERNATIONAL CONFERENCE ON INNOVATION IN ENGINEERING AND VOCATIONAL EDUCATION 2019 (ICIEVE 2019), PTS 1-4, IOP Conference Series: Materials Science and Engineering, Volume 830, Issue 2, 18 May 2020, Article number 022014, ISSN: 1757-8981, doi:10.1088/1757-899X/830/2/022014, SCOPUS, WOS:000562930700014.	2020	https://iopscience.iop.org/article/10.1088/1757-899X/830/2/022014, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C10-A2	Ericsem Pereira, Antonio J.A. Meirelles, Guilherme J. Maximo, Predictive models for physical properties of fats, oils, and biodiesel fuels. Fluid Phase Equilibria, Available online 24 December 2019, Volume 508, 15 March 2020, 112440, ISSN: 0378-3812, DOI: 10.1016/j.fluid.2019.112440, WOS:000517851800013.	2020	https://doi.org/10.1016/j.fluid.2019.112440, https://www.sciencedirect.com/science/article/abs/pii/S0378381219305023, https://apps-webofknowledge-com.am.e-nformation.ro/	2.775	3.78
C11-A2	Aliakbar Roosta, Roghayeh Bardool, A Predictive Correlation for Dynamic Viscosity of Fatty Acid Methyl Esters and Biodiesel. Journal of the American Oil Chemists' Society (JAOCS), ISSN: 0003-021X (Print) 1558-9331 (Online), First published: 05 June 2019, Volume: 96, Issue: 7, Pages: 741-750, WOS:000483176600001.	2019	https://doi.org/10.1002/aocs.12243, https://aocs.onlinelibrary.wiley.com/doi/abs/10.1002/aocs.12243, https://apps-webofknowledge-com.am.e-nformation.ro/	1.659	2.66
C12-A2	Gülüm M., Bilgin A. (2019) Temperature Dependence of Densities of Different Biodiesel-Diesel-Alcohol Ternary Blends. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham, Page: 225-233, ISBN: 978-3-319-94409-8, 978-3-319-94408-1, ISSN: 2524-7778, eISSN: 2524-7786, DOI: 10.1007/978-3-319-94409-8_27 , WOS:000578264900027.	2019	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_27, https://www-webofscience-com.am.e-nformation.ro/		1.00

C13-A2	Shubhra Kanti Das, Kihyun Kim, Ocktaeck Lim, Experimental study on non-vaporizing spray characteristics of biodiesel-blended gasoline fuel in a constant volume chamber. In: Fuel Processing Technology, Volume 178, September 2018, Pages 322-335, ISSN: 0378-3820, WOS:000442977200034.	2018	https://doi.org/10.1016/j.fuproc.2018.05.009, https://www.sciencedirect.com/science/article/pii/S0378382018303552, https://apps-webofknowledge-com.am.e-	4.507	5.51
C14-A2	Seyed Reza Amini Niaki, Sajad Mahdavi, Joseph Mouallem, Experimental and simulation investigation of effect of biodiesel-diesel blend on performance, combustion, and emission characteristics of a diesel engine. Environmental Progress & Sustainable Energy, Volume 37, Issue 4, July/August 2018, Pages 1540-1550, Published on behalf of the American Institute of Chemical Engineers, ISSN: 1944-7442, E-ISSN: 1944-7450, Wiley Online Library, WOS:000443386000029.	2018	https://doi.org/10.1002/ep.12845, https://onlinelibrary.wiley.com/doi/abs/10.1002/ep.12845, https://apps-webofknowledge-com.am.e-nformation.ro/	1.596	2.60
C15-A2	Chao Su, Chenyang Zhu, Tianwang Lai, Tao Wang, Xiangyang Liu, Maogang He, Temperature and pressure dependence of densities and viscosities for binary mixtures of methyl decanoate plus n-heptane. Thermochimica Acta, Available online 22 October 2018, Volume: 670, Pages: 211-218, ISSN: 0040-6031, WOS:000452945500026.	2018	https://www.sciencedirect.com/science/article/abs/pii/S0040603118303289, https://doi.org/10.1016/j.tca.2018.10.018, https://apps-webofknowledge-com.am.e-nformation.ro/	2.251	3.25
C16-A2	Maciej Kapkowski, Judyta Popiel, Tomasz Siudyga, Marzena Dzida, Edward Zorębski, Małgorzata Musiał, Rafał Sitko, Jacek Szade, Katarzyna Balin, Joanna Klimontko, Maciej Zubko, Jaroslaw Polanski, Mono- and bimetallic nano-Re systems doped Os, Mo, Ru, Ir as nanocatalytic platforms for the acetalization of polyalcohols into cyclic acetals and their applications as fuel additives. In: Applied Catalysis B: Environmental, Volume 239, 30 December 2018, Pages 154-167, ISSN: 0926-3373, WOS:000446283800017.	2018	https://doi.org/10.1016/j.apcatb.2018.07.071, https://www.sciencedirect.com/science/article/pii/S092633731830715X, https://apps-webofknowledge-com.am.e-nformation.ro/	14.229	15.23

C17-A2	Mert Gülüm, Atilla Bilgin, A comprehensive study on measurement and prediction of viscosity of biodiesel-diesel-alcohol ternary blends. Energy, Available online 3 February 2018, Volume 148, 1 April 2018, Pages 341-361, ISSN: 0360-5442, WOS:000429764000025.	2018	https://doi.org/10.1016/j.energy.2018.01.123, https://www.sciencedirect.com/science/article/pii/S036054421830152X, https://apps-webofknowledge-com.am.e-nformation.ro/	5.537	6.54
C18-A2	Ali Aminian, Bahman Zare Nezhad, Accurate predicting the viscosity of biodiesels and blends using soft computing models. Renewable Energy, Volume 120, May 2018, Pages 488-500, ISSN: 0960-1481, WOS:000425576700043.	2018	https://doi.org/10.1016/j.renene.2017.12.038, https://www.sciencedirect.com/science/article/pii/S0960148117312429, https://apps-webofknowledge-com.am.e-nformation.ro/	5.439	6.44
C19-A2	Fuxin Yang, Xiaopo Wang, Houzhang Tan, Siyuan He, Zhigang Liu, Experimental investigations on the thermophysical properties of methyl myristate in alcoholic solutions. In: Fuel, Volume 215, 1 March 2018, Pages 187–195, ISSN: 0016-2361, WOS:000425863300019.	2018	https://doi.org/10.1016/j.fuel.2017.10.122, https://www.sciencedirect.com/science/article/pii/S001623611731373X, https://apps-webofknowledge-com.am.e-nformation.ro/	5.128	6.13
C20-A2	Salah E.Zoorob, Georges A.Mturi, CesareSangiorgi, MarisaDinis-Almeida, Noor ZainabHabib, Fluxing as a new tool for bitumen rheological characterization and the use of time-concentration shift factor (ac). Construction and Building Materials, Volume 158, ISSN: 0950-0618, 15 January 2018, Pages 691-699, WOS:000418212400067.	2018	https://doi.org/10.1016/j.conbuildmat.2017.10.020, http://www.sciencedirect.com/science/article/pii/S0950061817320500, https://apps-webofknowledge-com.am.e-nformation.ro/	4.046	5.05

C21-A2	Leidy T. Vargas-Ibáñez, Gustavo A. Iglesias-Silva, José J. Cano-Gómez, Carlos Escamilla-Alvarado, and Miguel A. Berrones-Eguiluz, Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa. J. Chem. Eng. Data, Article ASAP, DOI: 10.1021/acs.jced.7b00996, Publication Date (Web): March 29, 2018, Volume: 63, Issue: 7, Pages: 2438-2450, Special Issue: SI, Print Edition ISSN: 0021-9568, Web Edition ISSN: 1520-5134, WOS:000439007300012.	2018	https://pubs.acs.org/doi/abs/10.1021/acs.jced.7b00996, https://apps-webofknowledge-com.am.e-nformation.ro/	2.298	3.30
C22-A2	Leila Fereidooni, Kambiz Tahvildari, Mehdi Mehrpooya, Trans-esterification of waste cooking oil with methanol by electrolysis process using KOH. Renewable Energy, Volume 116, Part A, February 2018, Pages 183-193, ISSN: 0960-1481, WOS:000416188200016.	2018	https://doi.org/10.1016/j.renene.2017.08.067, http://www.sciencedirect.com/science/article/pii/S096014811730825X, https://apps-webofknowledge-com.am.e-nformation.ro/	5.439	6.44
C23-A2	DRAGOS TUTUNEA, Study of the Variation of Kinematic Viscosity and Density of Various Biodiesel Blends with Temperature. REVISTA DE CHIMIE, 69, No. 7, 2018, pp. 1645-1648, ISSN 0034-7752, Publisher: CHIMINFORM DATA S A, CALEA PLEVNEI NR 139, SECTOR 6, BUCHAREST R-77131, ROMANIA, SCOPUS, WOS:000444595700009.	2018	http://www.revistadechimie.ro/pdf/9%20TUTUNEA%207%2018.pdf, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.605	2.61
C24-A2	José J. Cano-Gómez, Gustavo A. Iglesias-Silva, Pasiano Rivas, Christian O. Díaz-Ovalle, and Felipe de Jesús Cerino-Córdova, Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Butanol, + Isobutyl Alcohol, or + 2-Butanol from 293.15 to 333.15 K at 0.1 MPa. Journal of Chemical & Engineering Data (Chem. Eng. Data), 2017, 62 (10), pp 3391–3400, Print ISSN: 0021-9568, Web ISSN: 1520-5134, Publication Date (Web): September 28, 2017, American Chemical Society, WOS:000413131800039.	2017	doi:10.1021/acs.jced.7b00440, http://pubs.acs.org/doi/abs/10.1021/acs.jced.7b00440, https://apps-webofknowledge-com.am.e-nformation.ro/	2.196	3.20

C25-A2	Mert Gülüm, Atilla Bilgin, Measurements and empirical correlations in predicting biodiesel-diesel blends' viscosity and density. Fuel, Volume 199, 1 July 2017, Pages 567–577, ISSN: 0016-2361, WOS:000398678900055.	2017	http://dx.doi.org/10.1016/j.fuel.2017.03.001, http://www.sciencedirect.com/science/article/pii/S0016236117302582, https://apps-webofknowledge-com.am.e-nformation.ro/	4.908	5.91
C26-A2	Bereczky, A., Effect of the Use of Waste Vegetable Oil Based Biodiesel on the Landscape in Diesel Engines. THERMAL SCIENCE International Scientific Journal, Year 2017, Vol. 21, No. 1B, pp. 567-579, ISSN 2334-7163 (online edition), ISSN 0354-9836 (printed edition), WOS:000397838500017.	2017	doi:10.2298/TSCI150630280B, http://thermalscience.vinca.rs/pdfs/papers-2016/TSCI150630280B.pdf, https://apps-webofknowledge-com.am.e-nformation.ro/	1.433	2.43
C27-A2	Nita, I.; Geacai, E. ; Osman, S. ; Iulian, O., Volumetric Properties of Pseudo-Binary and Ternary Mixtures with Biodiesel. REVISTA DE CHIMIE, 67, No. 9, 2016, pp. 1763-1768, ISSN 0034-7752, Publisher: CHIMINFORM DATA S A, CALEA PLEVNEI NR 139, SECTOR 6, BUCHAREST R-77131, WOS:000385266600023.	2016	http://www.revistadechimie.ro/pdf/NITA%20I%209%2016.pdf, https://apps-webofknowledge-com.am.e-nformation.ro/	1.232	2.23
C28-A2	Egle Sendzikiene, Alfredas Rimkus, Mindaugas Melaika, Violeta Makareviciene, Saugirdas Pukalskas, Impact of biomethane gas on energy and emission characteristics of a spark ignition engine fuelled with a stoichiometric mixture at various ignition advance angles. Fuel, Volume 162, 15 December 2015, Pages 194–201, ISSN: 0016-2361, doi:10.1016/j.fuel.2015.09.019, WOS:000362452100024.	2015	https://doi.org/10.1016/j.fuel.2015.09.019, http://www.sciencedirect.com/science/article/pii/S0016236115009096, https://apps-webofknowledge-com.am.e-nformation.ro/	3.611	4.61

C29-A2	Alexandra A. Alicke, Bruna C. Leopércio , Flávio H. Marchesini , Paulo R. de Souza Mendes, Guidelines for the rheological characterization of biodiesel. În: Fuel, Volume 140, 15 January 2015, Pages 446–452, ISSN: 0016-2361, WOS:000345438400048.	2015	http://www.sciencedirect.com/science/article/pii/S0016236114009442, doi:10.1016/j.fuel.2014.09.075, https://apps-webofknowledge-com.am.e-nformation.ro/	3.611	4.61
C30-A2	Laurencas Raslavičius, Artūras Keršys, Martynas Starevičius, Jonas Sapragonas, Žilvinas Bazaras, Biofuels, sustainability and the transport sector in Lithuania. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 328–346, ISSN: 1364-0321, WOS:000333728700028.	2014	http://dx.doi.org/10.1016/j.rser.2014.01.019, http://www.sciencedirect.com/science/article/pii/S1364032114000306, https://apps-webofknowledge-com.am.e-nformation.ro/	5.901	6.90
C31-A2	Jiefeng Lin, Gabrielle Gaustad, Thomas A. Trabold. Profit and policy implications of producing biodiesel–ethanol–diesel fuel blends to specification. Applied Energy, Volume 104, April 2013, Pages 936–944, ISSN: 0306-2619; E-ISSN: 1872-9118, WOS:000316152700091.	2013	http://www.sciencedirect.com/science/article/pii/S0306261912008525, http://dx.doi.org/10.1016/j.apenergy.2012.11.049, https://apps-webofknowledge-com.am.e-nformation.ro/	5.261	6.26
C32-A2	Rory M. Power, Stephen H. Simpson, Jonathan P Reid and Andrew J Hudson, The Transition from Liquid to Solid-Like Behaviour in Ultrahigh Viscosity Aerosol Particles. Chemical Science, Chem. Sci., 2013, 4, 2597-2604, PUBLISHER: ROYAL SOC CHEMISTRY, ISSN: 2041-6520, E-ISSN: 2041-6539, DOI: 10.1039/C3SC50682G, WOS:000318559700039.	2013	doi:10.1039/C3SC50682G, http://pubs.rsc.org/en/content/articlelanding/2013/sc/c3sc50682g, https://apps-webofknowledge-com.am.e-nformation.ro/	8.601	9.60

C33-A2	Jason S. Lee, Richard I. Ray, Brenda J. Little, Kathleen E. Duncan, Athenia L. Oldham, Irene A. Davidova & Joseph M. Suflita, Sulphide production and corrosion in seawaters during exposure to FAME diesel, Biofouling: The Journal of Bioadhesion and Biofilm Research, Volume 28, Issue 5, 2012, pages 465-478, Published By: Taylor & Francis, ISSN 0892-7014 (Print), 1029-2454 (Online), DOI: 10.1080/08927014.2012.687723, WOS:000304601700002.	2012	http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0892-7014, http://www.tandfonline.com/doi/abs/10.1080/08927014.2012.687723, http://www.ncbi.nlm.nih.gov/pubmed/22594394, https://apps-webofknowledge-com.am.e-nformation.ro/	3.396	4.40
C34-A2	Youssef Kassem , Hüseyin Çamur, Prediction of biodiesel density for extended ranges of temperature and pressure using adaptive neuro-fuzzy inference system (ANFIS) and radial basis function (RBF). Procedia Computer Science, Volume 120, 2017, Pages 311–316, ISSN: 1877-0509, SCOPUS, WOS:000426703300045.	2017	https://doi.org/10.1016/j.procs.2017.11.244, https://www.sciencedirect.com/science/article/pii/S1877050917324560, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C35-A2	Youssef Kassem, Hüseyin Çamur, Engin Esenel, Adaptive neuro-fuzzy inference system (ANFIS) and response surface methodology (RSM) prediction of biodiesel dynamic viscosity at 313 K. Procedia Computer Science, Volume 120, 2017, Pages 521–528, ISSN: 1877-0509, SCOPUS, WOS:000426703300075.	2017	https://doi.org/10.1016/j.procs.2017.11.274, https://www.sciencedirect.com/science/article/pii/S1877050917324869, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C36-A2	Gábor Szendrő; Mária Csete; Ádám Török, The Sectoral Adaptive Capacity Index of Hungarian Road Transport. Periodica Polytechnica, Journal of the Budapest University of Technology and Economics, Faculty of Economic and Social Sciences, Series Social and Management Sciences, (Per. Pol. Soc. and Man. Sci.) Vol. 22 (2014) paper 7377, Issue 2, Pages 99-106, Online ISSN : 1587-3803, Print ISSN : 1416-3837, SCOPUS.	2014	DOI: 10.3311/PPso.7377, https://www-scopus-com.am.e-nformation.ro/		1.00

C37-A2	Tamás Andrejszki, Miquel Gangonells, Eva Molnar, Ádám Török. ForFITS: a new help in transport decision making for a sustainable future. În: Periodica Polytechnica, Transportation Engineering, 42(2), pp. 119-124, 2014, ISSN: 0303-7800, EISSN: 1587-3811, SCOPUS.	2014	http://www.pp.bme.hu/tr/article/view/7442/6446, https://www-scopus-com.am.e-nformation.ro/, DOI:10.3311/PPtr.7442		1.00
C38-A2	Ferenc Meszaros, Adam Torok, Theoretical investigation of emission and delay based intersection controlling and synchronising in Budapest. Periodica Polytechnica, Journal of the Budapest University of Technology and Economics, Series Transportation Engineering, Vol 42, No 1 (2014), pp. 37-42, ISSN: 0303-7800, EISSN: 1587-3811, DOI: 10.3311/PPtr.7183, p. 37-42, SCOPUS.	2014	http://www.pp.bme.hu/tr/article/view/7183/0, https://www-scopus-com.am.e-nformation.ro/, DOI:10.3311/PPtr.7183		1.00
C39-A2	Zsuzsanna Bede, Adam Torok, Theoretical Investigation of Traffic Equilibrium on Bridges. Transport and Telecommunication Journal. Volume 15, Issue 2, Pages 144–150, ISSN (Online) 1407-6179, ISSN (Print) 1407-6160, April 2014, SCOPUS.	2014	http://www.degruyter.com/view/j/ttj.2014.15.issue-2/ttj-2014-0013/ttj-2014-0013.xml?format=INT, https://www-scopus-com.am.e-nformation.ro/, DOI:10.2478/ttj-2014-0013		1.00
A3	Barabás, I.; Todoruţ, A. (2009). Key Fuel Properties of Biodiesel-diesel fuel-ethanol Blends. În: SAE2009 International Powertrains, Fuels and Lubricants Meeting, June 15-17, Florence, Italy. Session: Alternative and Advanced Fuels. Paper Identification Number: 09SFL-0256_2009-01-1810, ISSN 0148-7191, DOI: 10.4271/2009-01-1810. http://www.sae.org/technical/papers/2009-01-1810; http://papers.sae.org/2009-01-1810, http://www.scopus.com.	2021	https://doi.org/10.1016/j.energy.2021.120526, https://www.sciencedirect.com/science/article/pii/S0360544221007751, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	7.147	8.15
	Thangamani, S.; Sundaresan, S.N.; Kannappan S., S.; Barawkar, V.T.; Jeyaseelan, T., Impact of biodiesel and diesel blends on the fuel filter: A combined experimental and simulation study. Energy, Volume 227, 15 July 2021, 120526, ISSN: 0360-5442, E-ISSN: 1873-6785, DOI: 10.1016/j.energy.2021.120526, SCOPUS, WOS:000653079800008.				

C2-A3	Felipe Fernandes Klajn, Flávio Gurgacz, Anderson Miguel Lenz, Giuseppe Eugenio Peruzo Iacono, Samuel Nelson Melegari de Souza & Yuri Ferruzzi, Comparison of the emissions and performance of ethanol-added diesel–biodiesel blends in a compression ignition engine with those of pure diesel. In: Journal Environmental Technology, Print ISSN: 0959-3330, Online ISSN: 1479-487X, Taylor & Francis, Volume 41, Issue 4, 10 February 2020, Pages 511-520, SCOPUS, WOS:000505138100011.	2020	https://doi.org/10.1080/09593330.2018.1504122, https://www.tandfonline.com/doi/abs/10.1080/09593330.2018.1504122, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	3.247	4.25
C3-A3	Golmohammad Khoobbakht, Mahmoud Karimi, Kamran Kheiralipour, Effects of biodiesel-ethanol-diesel blends on the performance indicators of a diesel engine: A study by response surface modeling. Applied Thermal Engineering, Volume 148, 5 February 2019, Pages 1385-1394, ISSN: 1359-4311, DOI: 10.1016/j.applthermaleng.2018.08.025, SCOPUS, WOS:000460845100131.	2019	https://doi.org/10.1016/j.applthermaleng.2018.08.025, https://www.sciencedirect.com/science/article/abs/pii/S1359431118340560, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	4.725	5.73
C4-A3	S. Madiwale; A. Karthikeyan; V. Bhojwani, Properties investigation and performance analysis of a diesel engine fuelled with Jatropha, Soybean, Palm and Cottonseed biodiesel using Ethanol as an additive. PMME 2016, Science Direct, Materials Today: Proceedings, Volume: 5, Issue: 1, Pages: 657-664, Part: 1, 2018, ISSN: 2214-7853, Elsevier, (Indexed in Scopus (Elsevier) and the CPCI (Thomson Reuters, Web of Science)), DOI: 10.1016/j.matpr.2017.11.130, SCOPUS, WOS:000428718200086.	2018	https://doi.org/10.1016/j.matpr.2017.11.130, https://www.sciencedirect.com/science/article/pii/S2214785317323763, http://www.materialstoday.com/proceedings, http://www.pmme.co.in/papers/EMT-169.pdf, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

C5-A3	Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Stabilization of diesel–biodiesel–ethanol (DBE) blends: formulation of an additive from renewable sources. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, Volume: 39, Issue: 9, Pages: 3277-3293, doi:10.1007/s40430-017-0862-1, ISSN: 1678-5878 (Print) 1806-3691 (Online), Publisher Springer Berlin Heidelberg, SCOPUS, WOS:000408112500003.	2017	doi:10.1007/s40430-017-0862-1, https://link.springer.com/article/10.1007/s40430-017-0862-1, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.627	2.63
C6-A3	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, I.M. Rizwanul Fattah, A. Sanjid, Feasibility of diesel–biodiesel–ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 379–395, ISSN: 1364-0321, SCOPUS, WOS:000333728700030.	2014	http://dx.doi.org/10.1016/j.rser.2014.01.029, http://www.sciencedirect.com/science/article/pii/S1364032114000409, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	5.901	6.90
C7-A3	Shahrouz Norouzi, Kamyar Hazeri, Miroslaw L. Wyszynski, Athanasios Tsolakis, Investigation on the effects of temperature, dissolved oxygen and water on corrosion behaviour of aluminium and copper exposed to diesel-type liquid fuels. Fuel Processing Technology, Volume 128, December 2014, Pages 220-231, ISSN: 0378-3820, SCOPUS, WOS:000343389900025.	2014	doi:10.1016/j.fuproc.2014.07.001, http://www.sciencedirect.com/science/article/pii/S0378382014002823, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	3.352	4.35
C8-A3	Hu Wang, Zunqing Zheng, Mingfa Yao & Rolf D. Reitz, An Experimental and Numerical Study on the Effects of Fuel Properties on the Combustion and Emissions of Low Temperature Combustion Diesel Engines. Combustion Science and Technology, Volume 186, Issue 12, 2014, pages 1795-1815, Published By: Taylor & Francis, 2014, ISSN: 0010-2202 (Print), 1563-521X (Online), SCOPUS, WOS:000343201600001.	2014	doi:10.1080/00102202.2014.920836, http://www.tandfonline.com/doi/abs/10.1080/00102202.2014.920836#.VOjywpDTnDc, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	0.991	1.99

C9-A3	Puschmann, H., Diezemann, M., and Mueller, S., "Influence of Innovative Diesel-Ethanol Blend on Combustion, Emission and Fuel-Carrying Components," SAE Int. J. Fuels Lubr. 6(3):852-862, 2013, ISSN 1946-3952, SCOPUS.	2013	https://doi.org/10.4271/2013-01-2696, https://www-scopus-com.am.e-nformation.ro/		1.00
C10-A3	Fazal, M.A., Haseeb, A.S.M.A., Masjuki, H.H., Degradation of automotive materials in palm biodiesel. Energy, Volume 40, Issue 1, April 2012, Pages 76-83, ISSN: 0360-5442, Imprint: ELSEVIER, DOI: 10.1016/j.energy.2012.02.026, SCOPUS, WOS:000303146000009.	2012	http://dx.doi.org/10.1016/j.energy.2012.02.026, http://www.sciencedirect.com/science/article/pii/S0360544212001211, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	3.651	4.65
C11-A3	M. Al-Hassan, H. Mujafet and M. Al-Shannag, An Experimental Study on the Solubility of a Diesel-Ethanol Blend and on the Performance of a Diesel Engine Fueled with Diesel-Biodiesel - Ethanol Blends. JJMIE - Jordan Journal of Mechanical and Industrial Engineering, Volume 6, Number 2, April 2012 ISSN 1995-6665 Pages 147-153, SCOPUS.	2012	http://jjmie.hu.edu.jo/files/v6n2/JJMIE-168-10.pdf, https://www-scopus-com.am.e-nformation.ro/		1.00
C12-A3	R.D. Misra and M.S. Murthy, Blending of additives with biodiesels to improve the cold flow properties, combustion and emission performance in a compression ignition engine—A review. Renewable and Sustainable Energy Reviews, Volume 15, Issue 5, June 2011, Pages 2413-2422, ISSN: 1364-0321, Imprint: ELSEVIER, doi:10.1016/j.rser.2011.02.023, Key: citeulike:9150268, SCOPUS, WOS:000291082400022.	2011	doi:10.1016/j.rser.2011.02.023, http://www.citeulike.org/article/9150268, http://www.sciencedirect.com/science/article/pii/S1364032111000657, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	6.018	7.02

C13-A3	D.H. Qi, H. Chen, L.M. Geng, Y.Z. Bian, Effect of diethyl ether and ethanol additives on the combustion and emission characteristics of biodiesel-diesel blended fuel engine, Renewable Energy, Volume 36, Issue 4, April 2011, Pages 1252–1258; Key: citeulike: 8069854. (RENEW ENERG) ISSN 0960-1481, SCOPUS, WOS:000285908300013.	2011	doi:10.1016/j.renene.2010.09.021, http://dx.doi.org/10.1016/j.renene.2010.09.021, http://www.sciencedirect.com/science/article/pii/S0960148110004520, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	2.978	3.98
C14-A3	Máté Zöldy, Ethanol-biodiesel-diesel blends as a diesel extender option on compression ignition engines. Transport; Volume 26, Issue 3, 2011, pages 303-309; Available online: 05 Oct 2011, ISSN: 1648-4142 (Print); 1648-3489 (Online), DOI: 10.3846/16484142.2011.623824, SCOPUS, WOS:000295884800010.	2011	http://www.tandfonline.com/doi/abs/10.3846/16484142.2011.623824,https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C15-A3	Lee, P.-I., Matsumoto, A., Zheng, Y., Xie, X., Lai, M.-C., The spray and engine combustion performance of ethanol-biodiesel fuel blends (Conference Paper). American Society of Mechanical Engineers, Internal Combustion Engine Division (Publication) ICE 2011, Pages 167-176, ISSN: 1066-5048, ISBN: 978-079184442-7, CODEN: AMEIE, Source Type: Conference Proceeding, DOI: 10.1115/ICEF2011-60073, Document Type: Conference Paper, ASME 2011 Internal Combustion Engine Division Fall Technical Conference, ICEF 2011; Morgantown, WV; United States; 2 October 2011 through 5 October 2011; Code 90599, SCOPUS, WOS:000322089700017.	2011	https://doi.org/10.1115/ICEF2011-60073, https://asmedigitalcollection.asme.org/ICEF/proceedings-abstract/ICEF2011/44427/167/361403, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/		1.00

A4	Barabás, I.; Todoruţ, I.-A. (2011). Biodiesel Quality, Standards and Properties. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/25370, Chapter 1, pp. 3-28, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/biodiesel-quality-standards-and-properties; http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000385799400002.	Kanakdande, AP (Kanakdande, Amruta Prakash), Khobragade, CN (Khobragade, Chandrahasya Namdev), Mane, RS (Mane, Rajaram Sakharam), Ultraviolet induced random mutagenesis in Bacillus amyloliquefaciens (MF 510169) for improving biodiesel production. Fuel, Volume 304, 15 November 2021, 121380, ISSN: 0016-2361, eISSN: 1873-7153, DOI 10.1016/j.fuel.2021.121380, WOS:000691209300012.	2021	https://doi.org/10.1016/j.fuel.2021.121380, https://www.sciencedirect.com/science/article/pii/S001623612101259X, https://www-webofscience-com.am.e-nformation.ro/	6.609	7.61
C2-A4		Jane Marie O. Joven, Joven T., Gadian Jr, Marshiela A. Perez, Jeno G. Caingles, Agustin P. Mansalaynon, Alexander L. Ido, Renato O. Arazo, Optimized ultrasonic-assisted oil extraction and biodiesel production from the seeds of Maesopsis eminii. In: Industrial Crops and Products, Volume 155, 1 November 2020, 112772, ISSN: 0926-6690, WOS:000571868400004.	2020	https://doi.org/10.1016/j.indcrop.2020.112772, https://www.sciencedirect.com/science/article/pii/S0926669020306890?casa_token=CdGsoePDTFMAAAAA:9bzcWBfip8JA__8VzYpxkEnEsBouzwd9St3I2ZfizPjbwuNIJ2wMqZrA62czmay9_nlZSj8OnQ, https://apps-webofknowledge-com.am.e-nformation.ro/	5.645	6.65
C3-A4		AE Atabani, M Mekaoussi, Gediz Uguz, Orhan Arpa, Abdulkadir Ayanoglu, Sutha Shobana, Evaluation, characterization, and engine performance of complementary fuel blends of butanol–biodiesel–diesel from Aleurites moluccanus as potential alternative fuels for CI engines. Energy & Environment, Volume: 31 issue: 5, page(s): 755-784, Issue published: August 1, 2020, ISSN: 0958-305X, Online ISSN: 2048-4070, WOS:000551476200002.	2020	https://doi.org/10.1177/0958305X18790953, https://journals.sagepub.com/doi/abs/10.1177/0958305X18790953, https://apps-webofknowledge-com.am.e-nformation.ro/	2.945	3.95

C4-A4	Ghani, N (Ghani, Naila); Iqbal, J (Iqbal, Javed); Sadaf, S (Sadaf, Sana); Bhatti, HN (Bhatti, Haq Nawaz); Asgher, M (Asgher, Muhammad), Comparison of Photo-Esterification Capability of Bismuth Vanadate with Reduced Graphene Oxide Bismuth Vanadate (RGO/BiVO4) Composite for Biodiesel Production from High Free Fatty Acid Containing Non-Edible Oil. CHEMISTRYSELECT, Volume: 5, Issue: 29, Pages: 9245-9253, ISSN: 2365-6549, DOI: 10.1002/slct.202001913, Published: AUG 7, 2020, WOS:000557666500043.	2020	https://doi.org/10.1002/slct.202001913, https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.202001913, https://apps-webofknowledge-com.am.e-nformation.ro/	2.109	3.11
C5-A4	R.R. Al-Samaraae, A.E. Atabani, Gediz Uguz, Gopalakrishnan Kumar, Orhan Arpa, Abdulkadir Ayanoglu, Perspective of safflower (Carthamus tinctorius) as a potential biodiesel feedstock in Turkey: characterization, engine performance and emissions analyses of butanol–biodiesel–diesel blends. In: Biofuels-UK, Volume: 11, Issue: 6, Pages: 715-731, Published: AUG 17, 2020, Print ISSN: 1759-7269, Online ISSN: 1759-7277, Taylor & Francis, Published online: 16 Nov 2017, WOS:000560350400008.	2020	https://doi.org/10.1080/17597269.2017.1398956, http://www.tandfonline.com/doi/abs/10.1080/17597269.2017.1398956, https://apps-webofknowledge-com.am.e-nformation.ro/	2.956	3.96
C6-A4	M. N. Mohammed, A. E. Atabani, Gediz Uguz, Chyi-How Lay, Gopalakrishnan Kumar, R. R. Al-Samaraae, Characterization of Hemp (Cannabis sativa L.) Biodiesel Blends with Euro Diesel, Butanol and Diethyl Ether Using FT-IR, UV–Vis, TGA and DSC Techniques. In: Waste and Biomass Valorization, Volume: 11, Issue: 3, Pages: 1097-1113, Special Issue: SI, March 2020, ISSN: 1877-2641 (Print), 1877-265X (Online), WOS:000515183500028.	2020	https://doi.org/10.1007/s12649-018-0340-8, https://link.springer.com/article/10.1007/s12649-018-0340-8, https://apps-webofknowledge-com.am.e-nformation.ro/	3.703	4.70

C7-A4	Ajat Sudrajat, Noreffendy Tamaldin, Ahmad Kamal Mat Yamin, Mohd Fadzli Bin Abdollah, Mohd Hafidz Zakaria, Gomezgani Nyirenda, Performance analysis of biodiesel engine by addition of HHO gas as a secondary fuel. Jurnal Tribologi 26, 2020, pp.120-134, ISSN / eISSN: 2289-7232, SCOPUS, WOS:000573227400011.	2020	https://jurnaltribologi.mytribos.org/v26/JT-26-120-134.pdf, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C8-A4	Sugar, IR (Sugar, Ioan Radu); Chiver, O (Chiver, Olivian), Experimental Study on the Functioning of the Traction Batteries for Hybrid Vehicles. INGINERIA AUTOMOBILULUI, Issue: 55, Pages: 23-26, Published: JUL 2020, ISSN: 1842-4074, WOS:000549564000007.	2020	http://siar.ro/wp-content/uploads/2020/07/rIA55.pdf, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C9-A4	Srinivasan, GR (Srinivasan, Gokul Raghavendra); Jambulingam, R (Jambulingam, Ranjitha), Theoretical Prediction of Thermo-Physical Properties of Beef Tallow Based Biodiesel. FME TRANSACTIONS, Volume: 48, Issue: 3, Pages: 600-610, ISSN: 1451-2092, eISSN: 2406-128X, DOI: 10.5937/fme2003600R, Published: 2020, Document Type: Article, WOS:000540703200014.	2020	https://www.mas.bg.ac.rs/_media/istrazivanje/fme/vol48/3/14_gr_srinivasan_et_al.pdf, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C10-A4	Alpesh Virendrabhai Mehta, & Nirvesh Sumanbhai Mehta, Extraction of Algae Biodiesel for Power Generation and Comparison of Sustainable Fuels using MCDM. In: International Journal of Ambient Energy, Print ISSN: 0143-0750, Online ISSN: 2162-8246, Accepted author version posted online: 16 Jul 2020, DOI: 10.1080/01430750.2020.1796785, WOS:000556908500001.	2020	https://doi.org/10.1080/01430750.2020.1796785, https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1796785, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

C11-A4	Sandani W.P., Nishshanka G.K.S.H., Premaratne R.G.M.M., Nanayakkara Wijayasekera S.C., Ariyadasa T.U., Premachandra J.K., Comparative assessment of pretreatment strategies for production of microalgae-based biodiesel from locally isolated Chlorella homosphaera. Journal of Bioscience and Bioengineering (J BIOSCI BIOENG), Volume 130, Issue 3, Pages 295-305, September 2020, ISSN: 1389-1723, eISSN: 1347-4421, DOI: 10.1016/j.jbiosc.2020.03.004, SCOPUS, WOS:000615266700011.	2020	https://doi.org/10.1016/j.jbiosc.2020.03.004, https://www.sciencedirect.com/science/article/pii/S1389172320301687, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	2.894	3.89
C12-A4	Sofija P. Miškov, Gorica R. Ivaniš, Ivona R. Radović, Mirjana Lj. Kijevčanin, High pressure densities and derived properties of biodiesel fuel produced by heterogeneous transesterification from biowaste. Thermal Science 23, pp. S1757-S1768, ISSN: 0354-9836, DOI: 10.2298/TSCI180723178M, SCOPUS, WOS:000509489400028.	2019	http://thermalscience.vinca.rs/pdfs/papers-2019/TSCI180723178M.pdf, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.574	2.57
C13-A4	Houman Rajabi Islami, Reza Assareh, Enhancement effects of ferric ion concentrations on growth and lipid characteristics of freshwater microalga Chlorococcum oleofaciens KF584224.1 for biodiesel production. Renewable Energy, ISSN: 0960-1481, Available online 13 December 2019, Volume: 149, Pages: 264-272, WOS:000517856500023.	2019	https://doi.org/10.1016/j.renene.2019.12.067, https://www.sciencedirect.com/science/article/abs/pii/S0960148119319391, https://apps-webofknowledge-com.am.e-nformation.ro/	6.274	7.27
C14-A4	Muhammad Arif, Yanrui Bai, Muhammad Usman, Mohammed Jalalah, Farid A.Harraz, M.S.Al-Assiri, Xiangkai Li, El-Sayed Salama, Chunjiang Zhang, Highest accumulated microalgal lipids (polar and non-polar) for biodiesel production with advanced wastewater treatment: Role of lipidomics. Bioresource Technology, ISSN: 0960-8524, eISSN: 1873-2976, Available online 18 October 2019, Volume 298, February 2020, 122299, WOS:000505201600044.	2019	https://doi.org/10.1016/j.biortech.2019.122299, https://www.sciencedirect.com/science/article/pii/S0960852419315299#!, https://apps-webofknowledge-com.am.e-nformation.ro/	7.539	8.54

C15-A4	Indika Thushari, Sandhya Babel (2019), Biodiesel Production from Waste Palm Cooking Oil Using Solid Acid Catalyst Derived from Coconut Meal Residue. Waste and Biomass Valorization, Volume: 11, Issue: 9, Pages: 4941-4956, Publisher Name Springer Netherlands, Print ISSN 1877-2641, Online ISSN 1877-265X, (Thushari, I. & Babel, S. Waste Biomass Valor (2019). https://doi.org/10.1007/s12649-019-00820-9), WOS:000552303200032.	2019	https://doi.org/10.1007/s12649-019-00820-9; https://link.springer.com/article/10.1007/s12649-019-00820-9, https://apps-webofknowledge-com.am.e-nformation.ro/	2.851	3.85
C16-A4	Hiral N. Pandya, Sachin P. Parikh & Manan Shah, Comprehensive review on application of various nanoparticles for the production of biodiesel. Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Print ISSN: 1556-7036 Online ISSN: 1556-7230, Published online: 16 Aug 2019, WOS:000481656200001.	2019	https://doi.org/10.1080/15567036.2019.1648599, https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1648599?journalCode=uesoa20, https://apps-webofknowledge-com.am.e-nformation.ro/	1.184	2.18
C17-A4	Lawrence C. Baldwin, Matthew C. Davis, Alicia M. Hughes, David V. Lupton, Potential Vegetable-Based Diesel Fuels from Perkin Condensation of Furfuraldehyde and Fatty Acid Anhydrides. In: Journal of the American Oil Chemists' Society (JAOCS), ISSN: 0003-021X, eISSN: 1558-9331, First published: 02 April 2019, Volume: 96, Issue: 5, Pages: 571-583, WOS:000466097100007.	2019	https://doi.org/10.1002/aocs.12210, https://aocs.onlinelibrary.wiley.com/doi/abs/10.1002/aocs.12210, https://apps-webofknowledge-com.am.e-nformation.ro/	1.659	2.66
C18-A4	Indika Thushari, Sandhya Babel, Chanatip Samart, Biodiesel production in an autoclave reactor using waste palm oil and coconut coir husk derived catalyst. Renewable Energy, Volume 134, April 2019, Pages 125-134, ISSN: 0960-1481, WOS:000456760900012.	2019	https://doi.org/10.1016/j.renene.2018.11.030, https://www.sciencedirect.com/science/article/pii/S0960148118313491, https://apps-webofknowledge-com.am.e-nformation.ro/	6.274	7.27

C19-A4	Chalarca, LTL (Lopez Chalarca, Liliana Trinidad), Rodriguez, LYV (Vega Rodriguez, Leidy Yaneth), Colorado, CDR (Rendon Colorado, Carlos Daniel), Rojas, ST (Tobon Rojas, Sebastian), Energy applications of wood - Aplicaciones energéticas de la madera, Capítulo 4 - Aprovechamiento de residuos madereros Cuantificación, caracterización y valorización, 1.ª edición. Corporación Universitaria Remington, Medellín, Colombia. 2019 Servicio Nacional de Aprendizaje (Sena), Page 79-133, Published 2019, ISBN: 978-958-52376-3-6 (Impreso), ISBN: 978-958-52376-4-3 (Internet-PDF), WOS:000672739100005.	2019	https://www.uniremington.edu.co/wp-content/uploads/libros-de-investigacion/aprovechamiento-de-residuos-madereros.pdf , https://www-webofscience-com.am.e-nformation.ro/		1.00
C20-A4	Şugar I.R., Banica M., Giurgiulescu L. (2019) Experimental Study on the Influence of Using Pistons with Ceramic Crown on Actual Torque and CO Emission. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham, Page: 370-376, ISBN: 978-3-319-94409-8, 978-3-319-94408-1, ISSN: 2524-7778, eISSN: 2524-7786, DOI: 10.1007/978-3-319-94409-8_42, WOS:000578264900042.	2019	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_42, https://www-webofscience-com.am.e-nformation.ro/		1.00
C21-A4	Sashi Sonkar, Nirupama Mallick, An alternative strategy for enhancing lipid accumulation in chlorophycean microalgae for biodiesel production. Journal of Applied Phycology, Volume: 30, Issue: 4, Pages: 2179-2192, Springer Netherlands, 2018, Print ISSN: 0921-8971, Online ISSN: 1573-5176, WOS:000440782100003.	2018	https://doi.org/10.1007/s10811-018-1419-0, https://link.springer.com/article/10.1007/s10811-018-1419-0#citeas, https://apps-webofknowledge-com.am.e-nformation.ro/	2.635	3.64

C22-A4	Indika Thushari and Sandhya Babel, Biodiesel production from waste palm oil using palm empty fruit bunch derived novel carbon acid catalyst. Journal of Energy Resources Technology - Transactions of the ASME (the American Society of Mechanical Engineers Digital Collection), 2017, Volume: 140, Issue: 3, Article Number: 032204, doi:10.1115/1.4038380, ISSN:0195-0738, eISSN:1528-8994, WOS:000427089800013.	2017	doi:10.1115/1.4038380, http://energyresources.asmedigitalcollection.asme.org/article.aspx?articleid=2663018, https://apps-webofknowledge-com.am.e-nformation.ro/	2.197	3.20
C23-A4	Agus Wahyudi, Winarto Kurniawan, Hirofumi Hinode, Utilization of Modified Red Mud as a Heterogeneous Base Catalyst for Transesterification of Canola Oil. JOURNAL OF CHEMICAL ENGINEERING OF JAPAN, Vol. 50 (2017) No. 7 p. 561-567, ISSN: 0021-9592, WOS:000408030000016.	2017	http://doi.org/10.1252/jcej.16we337, https://www.jstage.jst.go.jp/article/jcej/50/7/50_16we337/_article, https://apps-webofknowledge-com.am.e-nformation.ro/	0.635	1.64
C24-A4	Bharti, Randhir K, Dolly Wattal Dhar, Radha Prasanna & A.K. Saxena, Assessment of biomass and lipid productivity and biodiesel quality of an indigenous microalga Chlorella sorokiniana MIC-G5. International Journal of Green Energy, 2017, Volume: 15, Issue: 1, Pages: 45-52, Print ISSN: 1543-5075, Online ISSN: 1543-5083, WOS:000428758400007.	2017	http://www.tandfonline.com/doi/abs/10.1080/15435075.2017.1351368?journalCode=ljge20, http://dx.doi.org/10.1080/15435075.2017.1351368, https://apps-webofknowledge-com.am.e-nformation.ro/	1.171	2.17
C25-A4	Jared Church, Jae-Hoon Hwang, Keug-Tae Kim, Rebecca McLean, You-Kwan Oh, Bora Nam, Jin Chul Joo, Woo Hyoung Lee, Effect of salt type and concentration on the growth and lipid content of Chlorella vulgaris in synthetic saline wastewater for biofuel production. In: Bioresource Technology, Volume 243, November 2017, Pages 147–153, ISSN: 0960-8524 (Print), 1873-2976 (Electronic), Publisher: Elsevier Science, WOS:000411239300017.	2017	https://doi.org/10.1016/j.biortech.2017.06.081, http://www.sciencedirect.com/science/article/pii/S0960852417309859, https://apps-webofknowledge-com.am.e-nformation.ro/	5.807	6.81

C26-A4	Samara Soares, Manoel J. de Aquino Lima, Fábio R.P. Rocha, A spot test for iodine value determination in biodiesel based on digital images exploiting a smartphone. Microchemical Journal, Available online 20 March 2017, Volume 133, July 2017, Pages 195-199, ISSN: 0026-265X, WOS:000403121900028.	2017	http://dx.doi.org/10.1016/j.microc.2017.03.029, http://www.sciencedirect.com/science/article/pii/S0026265X16306051, https://apps-webofknowledge-com.am.e-nformation.ro/	2.746	3.75
C27-A4	Shashi Kant Bhatia, Ravi Kant Bhatia, Yung-Hun Yang, An overview of microdiesel — A sustainable future source of renewable energy. Renewable and Sustainable Energy Reviews, Volume 79, November 2017, Pages 1078-1090, ISSN: 1364-0321, WOS:000410011500077.	2017	https://doi.org/10.1016/j.rser.2017.05.138, http://www.sciencedirect.com/science/article/pii/S1364032117307827, https://apps-webofknowledge-com.am.e-nformation.ro/	9.184	10.18
C28-A4	Jun Cong Ge, Sam Ki Yoon and Nag Jung Choi, Using Canola Oil Biodiesel as an Alternative Fuel in Diesel Engines: A Review. Applied Sciences 2017, 7(9), 881; doi:10.3390/app7090881, ISSN 2076-3417, WOS:000414453600017.	2017	http://www.mdpi.com/2076-3417/7/9/881/htm, https://apps-webofknowledge-com.am.e-nformation.ro/	1.689	2.69
C29A6	Gorica R. Ivaniš, Ivona R. Radović, Vlada B. Veljković, Mirjana Lj. Kijevčanin, Thermodynamic properties of biodiesel and petro-diesel blends at high pressures and temperatures. Experimental and modeling. Fuel, Volume 184, 15 November 2016, Pages 277–288, ISSN: 0016-2361, eISSN: 1873-7153, WOS:000381619800032.	2016	https://doi.org/10.1016/j.fuel.2016.07.023, http://www.sciencedirect.com/science/article/pii/S0016236116306184	4.601	5.60
C30-A4	I. Shancita, H. H. Masjuki, Md. Abul Kalam, S.S. Reham, and S.A. Shahir, Comparative Analysis on Property Improvement Using Fourier Transform Infrared Spectroscopy (FT-IR) and Nuclear Magnetic Resonance (NMR) (1H and 13C) Spectra of Various Biodiesel Blended Fuels. Energy & Fuels, 2016, 30 (6), pp 4790–4805, Print ISSN: 0887-0624, Web ISSN: 1520-5029, Publication Date (Web): May 10, 2016 DOI: 10.1021/acs.energyfuels.5b02559, WOS:000378195600043.	2016	https://doi.org/10.1021/acs.energyfuels.5b02559, http://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.5b02559, https://apps-webofknowledge-com.am.e-nformation.ro/	3.091	4.09

C31-A4	Y. Syamsuddin, M.N. Murat, B.H. Hameed, Synthesis of fatty acid methyl ester from the transesterification of high-and low–acid-content crude palm oil (Elaeis guineensis) and karanj oil (Pongamia pinnata) over a calcium-lanthanum-aluminum mixed-oxides catalyst. In: Bioresource Technology (BIORESOURCE TECHNOL), ISSN: 0960-8524 (Print), 1873-2976 (Electronic), Publisher: Elsevier Science, Available online 19 April 2016, Volume 214, August 2016, Pages 248-252, doi:10.1016/j.biortech.2016.04.083, WOS:000377366900032.	2016	https://doi.org/10.1016/j.biortech.2016.04.083, http://www.sciencedirect.com/science/article/pii/S0960852416305703, https://apps-webofknowledge-com.am.e-nformation.ro/	5.651	6.65
C32-A4	Samuel E. Onoji, Sunny E. Iyuke, Anselm I. Igbafe, Diakanua B. Nkazi, Rubber seed oil: A potential renewable source of biodiesel for sustainable development in sub-Saharan Africa. În: Energy Conversion and Management, Volume 110, 15 February 2016, Pages 125–134, ISSN: 0196-8904, eISSN: 1879-2227, doi:10.1016/j.enconman.2015.12.002, WOS:000369191400012.	2016	https://doi.org/10.1016/j.enconman.2015.12.002, http://www.sciencedirect.com/science/article/pii/S0196890415010900, https://apps-webofknowledge-com.am.e-nformation.ro/	5.589	6.59
C33-A4	Gorica R. Ivaniš, Ivona R. Radović, Vlada B. Veljković, Mirjana Lj. Kijevčanin, Biodiesel density and derived thermodynamic properties at high pressures and moderate temperatures. Fuel, Volume 165, 1 February 2016, Pages 244–251, ISSN: 0016-2361, eISSN: 1873-7153, doi:10.1016/j.fuel.2015.10.050, WOS:000364655000028.	2016	https://doi.org/10.1016/j.fuel.2015.10.050, http://www.sciencedirect.com/science/article/pii/S0016236115010558, https://apps-webofknowledge-com.am.e-nformation.ro/	4.601	5.60
C34-A4	Shancita, I; Masjuki, HH; Kalam, MA; Reham, SS; Ruhul, AM; Monirul, IM, Evaluation of the characteristics of non-oxidative biodiesels: a FAME composition, thermogravimetric and IR analysis. RSC Advances, ISSN: eISSN: 2046-2069, Volume: 6, Issue: 10, Pages: 8198-8210, WOS:000369515700060.	2016	DOI: 10.1039/c5ra23963j, https://pubs.rsc.org/en/content/articlelanding/2016/ra/c5ra23963j#!divAbstract, https://apps-webofknowledge-com.am.e-nformation.ro/	3.108	4.11

C35-A4	Eryilmaz, T; Yesilyurt, MK, INVESTIGATION OF THE EFFECT OF BLENDING RATIO AND TEMPERATURE ON THE KINEMATIC VISCOSITY AND SPECIFIC GRAVITY OF WASTE COOKING OIL BIODIESEL. FRESENIUS ENVIRONMENTAL BULLETIN, Volume: 24, Issue: 4B, Pages: 1523-1529, ISSN: 1018-4619, eISSN: 1610-2304, SCOPUS, WOS:000354157100005.	2015	https://www.cabdirect.org/cabdirect/abstract/20153217458, https://www-scopus-com.am.e-nformation.ro/, http://apps.webofknowledge.com.am.e-nformation.ro/	0.372	1.37
C36-A4	Gaik Tin Ang, San Nee Ooi, Kok Tat Tan, Keat Teong Lee, Abdul Rahman Mohamed, Optimization and kinetic studies of sea mango (Cerbera odollam) oil for biodiesel production via supercritical reaction. În: Energy Conversion and Management, Volume 99, 15 July 2015, Pages 242–251, ISSN: 0196-8904, eISSN: 1879-2227, doi:10.1016/j.enconman.2015.04.037, WOS:000356194600023.	2015	https://doi.org/10.1016/j.enconman.2015.04.037, http://www.sciencedirect.com/science/article/pii/S019689041500391X, https://apps-webofknowledge-com.am.e-nformation.ro/	4.801	5.80
C37-A4	Mohankumar Chinnamma, Salini Bhasker, Harish Madhav, Rajesh Mamkulathil Devasia, Anisha Shashidharan, Balachandran Chandrasekaran Pillai, Pradeep Thevannoor, Production of coconut methyl ester (CME) and glycerol from coconut (Cocos nucifera) oil and the functional feasibility of CME as biofuel in diesel engine. Fuel, Volume 140, 15 January 2015, Pages 4–9, ISSN: 0016-2361, eISSN: 1873-7153, (Available online 29 September 2014), DOI: 10.1016/j.fuel.2014.09.057, WOS:000345438400002.	2015	https://doi.org/10.1016/j.fuel.2014.09.057, http://www.sciencedirect.com/science/article/pii/S0016236114009260, https://apps-webofknowledge-com.am.e-nformation.ro/	3.611	4.61

C38-A4	Zeng, Dan; Li, Ruosong; Feng, Mingjun; Fang, Tao, Continuous Esterification of Free Fatty Acids in Crude Biodiesel by an Integrated Process of Supercritical Methanol and Sodium Methoxide Catalyst. În: Applied Biochemistry and Biotechnology, October 2014, Volume 174, Issue 4, pp 1484-1495, ISSN: 0273-2289, E-ISSN: 1559-0291, Publisher Springer US, WOS:000342494300021.	2014	http://dx.doi.org/10.1007/s12010-014-1133-6, http://link.springer.com.ux4ll8xu6v.useaccesscontrol.com/article/10.1007%2Fs12010-014-1133-6, http://www.ncbi.nlm.nih.gov/pubmed/25119550, http://search.proquest.com.ux4ll8xu6v.useaccesscontrol.com/pqcentral/docview/1566106788/5E8BF0AB7AA6CB7PQ/30?accountid=15533, https://apps-webofknowledge-com.am.e-information.ro/	1.735	2.74
C39-A4	MA Islam, M Magnusson, RJ Brown, GA Ayoko, MN Nabi and K Heimann. Microalgal Species Selection for Biodiesel Production Based on Fuel Properties Derived from Fatty Acid Profiles. Energies 2013, 6(11), 5676-5702, ISSN 1996-1073, doi:10.3390/en6115676, WOS:000330289200006.	2013	https://doi.org/10.3390/en6115676, http://www.mdpi.com/1996-1073/6/11/5676, https://apps-webofknowledge-com.am.e-information.ro/	1.602	2.60
C40-A4	Nor Saadah Mohd Alias; Harumi Veny; Fazlena Hamzah; Noorhaliza Aziz, (2019), Effect of Free Fatty Acid Pretreatment to Yield, Composition and Activation Energy in Chemical Synthesis of Fatty Acid Methyl Ester. Indonesian Journal of Chemistry, Volume: 19, Issue: 3, Pages: 592-598, ISSN 1411-9420 (print) / 2460-1578 (online), WOS:000475848600006.	2019	https://doi.org/10.22146/ijc.34492, https://journal.ugm.ac.id/ijc/article/view/34492, https://apps-webofknowledge-com.am.e-information.ro/		1.00

C41-A4	B M Jurchiș, N Burnete, N V Burnete and C D Iclodean, Particulate matter emission characteristics for a compression ignition engine fueled with a blend of biodiesel and diesel. IOP Conference Series: Materials Science and Engineering, Volume 444, Article Number: 072012, Automotives. Engine and Transmission. Road Safety, 2018, The 8th International Conference on Advanced Concepts in Mechanical Engineering, 7–8 June 2018, Iasi, Romania, Published online: 29 November 2018, ISSN: 1757-8981, DOI:10.1088/1757-899X/444/7/072012, WOS:000467443600119.	2018	http://iopscience.iop.org/article/10.1088/1757-899X/444/7/072012/meta, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C42-A4	Devita Rachmat, Lizda Johar Mawarani and Doty Dewi Risanti, Utilization of Cacao Pod Husk (Theobroma cacao l.) as Activated Carbon and Catalyst in Biodiesel Production Process from Waste Cooking Oil. IOP Conference Series: Materials Science and Engineering, Volume 299, Article Number: 012093, conference 1, 2018, ISSN: 1757-8981, DOI: 10.1088/1757-899X/299/1/012093, WOS:000446181700092.	2018	http://iopscience.iop.org/article/10.1088/1757-899X/299/1/012093/meta, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C43-A4	Eshetu Getahun, Kefale Wagaw, and Omprakash Sahu, A Comparative Study on the Cleaner Production Options for Fishery Wastes around Lake Tana. International Letters of Natural Sciences, ISSN: 2300-9675, Vol. 56, pp 14-24, doi:10.18052/www.scipress.com/ILNS.56.14, © 2016 SciPress Ltd., Switzerland, WOS:000381620700003.	2016	doi:10.18052/www.scipress.com/ILNS.56.14, https://www.scipress.com/ILNS.56.14, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

	C44-A4	Swapan Kumar Sinha, Arghyadeep Gupta & Raju Bharalee, Production of biodiesel from freshwater microalgae and evaluation of fuel properties based on fatty acid methyl ester profile. BIOFUELS-UK, Taylor & Francis, Volume 7, Issue 1, 2016, ISSN: 1759-7269, eISSN: 1759-7277, DOI: 10.1080/17597269.2015.1118781, SCOPUS, WOS:000378522200014.	2016	http://www.tandfonline.com/doi/abs/10.1080/17597269.2015.1118781, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
A5	Barabás, I.; Todoruţ, I.-A. (2011). Utilization of Biodiesel-Diesel-Ethanol Blends in CI Engine. In: Biodiesel- Quality, Emissions and By-Products, Gisela Montero and Margarita Stoytcheva (Ed.), ISBN: 978-953-307-784-0, InTech, Rijeka, DOI: 10.5772/27137, Chapter 14, pp. 215-234, Available from: http://www.intechopen.com/books/biodiesel-quality-emissions-and-by-products/utilization-of-biodiesel-diesel-ethanol-blends-in-ci-engine; http://apps.webofknowledge.com - Web of Science Core Collection – WOS:000385799400015.	Krishna Shrivastava, S.S.Thipse, I.D.Patil, Optimization of diesel engine performance and emission parameters of Karanja biodiesel-ethanol-diesel blends at optimized operating conditions. Fuel, Volume 293, 1 June 2021, 120451, ISSN: 0016-2361, eISSN: 1873-7153, WOS:000640515600063.	2021	https://doi.org/10.1016/j.fuel.2021.120451, https://www.sciencedirect.com/science/article/abs/pii/S0016236121003276, https://apps-webofknowledge-com.am.e-nformation.ro/	6.609	7.61
	C2-A5	Felipe Fernandes Klajn, Flávio Gurgacz, Anderson Miguel Lenz, Giuseppe Eugenio Peruzo Iacono, Samuel Nelson Melegari de Souza & Yuri Ferruzzi, Comparison of the emissions and performance of ethanol-added diesel–biodiesel blends in a compression ignition engine with those of pure diesel. In: Journal Environmental Technology, Print ISSN: 0959-3330, Online ISSN: 1479-487X, Taylor & Francis, Volume 41, Issue 4, 10 February 2020, Pages 511-520, WOS:000505138100011.	2020	https://doi.org/10.1080/09593330.2018.1504122, https://www.tandfonline.com/doi/abs/10.1080/09593330.2018.1504122, https://apps-webofknowledge-com.am.e-nformation.ro/	3.247	4.25

C3-A5	M. Yuvaraj, G. Viswanath, Effect of compression ratio on a single cylinder diesel engine operated with Ternary fuel. Materials Today: Proceedings, Volume: 22, Pages: 976-982, Part: 3, ISSN: 2214-7853, Available online 31 December 2019, Volume 22, Part 3, 2020, Pages 976-982, WOS:000518041900108.	2020	https://doi.org/10.1016/j.matpr.2019.11.232, https://www.sciencedirect.com/science/article/pii/S2214785319339185, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C4-A5	M.N.A. Mukhtar, Ftwi Y. Hagos, M.M. Noor, Rizalman Mamat, A. Adam Abdullah, Abd Rashid Abd Aziz, Tri-fuel emulsion with secondary atomization attributes for greener diesel engine – A critical review. In: Renewable and Sustainable Energy Reviews, Volume 111, September 2019, Pages 490-506, ISSN: 1364-0321, WOS:000471252700034.	2019	https://doi.org/10.1016/j.rser.2019.05.035, https://www.sciencedirect.com/science/article/pii/S136403211930348X, https://apps-webofknowledge-com.am.e-nformation.ro/	12.110	13.11
C5-A5	Meisam Ahmadi Ghadikolaei, Chun Shun Cheung, Ka-Fu Yung, Study of combustion, performance and emissions of a diesel engine fueled with ternary fuel in blended and fumigation modes. In: Fuel, Volume 235, 1 January 2019, Pages 288-300, ISSN: 0016-2361, eISSN: 1873-7153, WOS:000447791900028.	2019	https://doi.org/10.1016/j.fuel.2018.07.089, https://www.sciencedirect.com/science/article/pii/S0016236118312882, https://apps-webofknowledge-com.am.e-nformation.ro/	5.578	6.58
C6-A5	Sachin Muralee Krishna, P. Abdul Salam, Manida Tongroon, Nuwong Chollacoop, Performance and emission assessment of optimally blended biodiesel-diesel-ethanol in diesel engine generator. In: Applied Thermal Engineering, Volume 155, 5 June 2019, Pages 525-533, ISSN: 1359-4311, WOS:000470950800050.	2019	https://doi.org/10.1016/j.applthermaleng.2019.04.012, https://www.sciencedirect.com/science/article/pii/S1359431118358563, https://apps-webofknowledge-com.am.e-nformation.ro/	4.725	5.73

C7-A5	Florian Pradelle, Sergio Leal Braga, Ana Rosa Fonseca de Aguiar Martins, Franck Turkovics, Renata Nohra Chaar Pradelle, Experimental assessment of some key physicochemical properties of diesel-biodiesel-ethanol (DBE) blends for use in compression ignition engines. Fuel, Volume 248, 15 July 2019, Pages 241-253, ISSN: 0016-2361, eISSN: 1873-7153, WOS:000463823500027.	2019	https://doi.org/10.1016/j.fuel.2019.03.087, https://www.sciencedirect.com/science/article/pii/S0016236119304600, https://apps-webofknowledge-com.am.e-nformation.ro/	5.578	6.58
C8-A5	Dewen Jia, Xiwen Deng & Jilin Lei, (2019), Analysis on the impact of biodiesel–ethanol–diesel fuel on the performance and emissions of a diesel engine. Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Volume: 41, Issue: 24, Pages: 3013-3025, Taylor & Francis, Print ISSN: 1556-7036, Online ISSN: 1556-7230, Published online: 04 Mar 2019, WOS:000495178700005.	2019	https://doi.org/10.1080/15567036.2019.1583694, https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1583694, https://apps-webofknowledge-com.am.e-nformation.ro/	1.184	2.18
C9-A5	Iraklis Zahos-Siagos and Dimitrios Karonis, Exhaust Emissions and Physicochemical Properties of Hydrotreated Used Cooking Oils in Blends with Diesel Fuel. In: International Journal of Chemical Engineering, Volume 2018, Article ID 4308178, ISSN: 1687-806X (Print), ISSN: 1687-8078 (Online), WOS:000441604700001.	2019	https://doi.org/10.1155/2018/4308178, Research Article, https://www.hindawi.com/journals/ijce/2018/4308178/abs/, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
C10-A5	Andrew David Mendes Guedes, Sergio Leal Braga, Florian Pradelle, Performance and combustion characteristics of a compression ignition engine running on diesel-biodiesel-ethanol (DBE) blends – Part 2: Optimization of injection timing. In: Fuel, Volume 225, 1 August 2018, Pages 174–183, ISSN: 0016-2361, eISSN: 1873-7153, WOS:000432922400019.	2018	https://doi.org/10.1016/j.fuel.2018.02.120, https://www.sciencedirect.com/science/article/pii/S001623611830303X, https://apps-webofknowledge-com.am.e-nformation.ro/	5.128	6.13

	C11-A5	S. Dharma, Hwai Chyuan Ong, H.H. Masjuki, A.H. Sebayang, A.S. Silitonga, An overview of engine durability and compatibility using biodiesel–bioethanol–diesel blends in compression-ignition engines. In: Energy Conversion and Management, Volume 128, 15 November 2016, Pages 66–81, ISSN: 0196-8904, eISSN: 1879-2227, WOS:000388047800008.	2016	http://dx.doi.org/10.1016/j.enconman.2016.08.072, http://www.sciencedirect.com/science/article/pii/S0196890416307464, https://apps-webofknowledge-com.am.e-nformation.ro/	5.589	6.59
	C12-A5	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, A.M. Ashraful, Performance and emission assessment of diesel–biodiesel–ethanol/bioethanol blend as a fuel in diesel engines: A review. În: Renewable and Sustainable Energy Reviews, Volume 48, August 2015, Pages 62–78, ISSN: 1364-0321, doi:10.1016/j.rser.2015.03.049, WOS:000356646200006.	2015	https://doi.org/10.1016/j.rser.2015.03.049, http://www.sciencedirect.com/science/article/pii/S1364032115002026#, https://apps-webofknowledge-com.am.e-nformation.ro/	6.798	7.80
	C13-A5	S.A. Shahir, H.H. Masjuki, M.A. Kalam, A. Imran, I.M. Rizwanul Fattah, A. Sanjid, Feasibility of diesel–biodiesel–ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, Volume 32, April 2014, Pages 379–395, ISSN: 1364-0321, SCOPUS, WOS:000333728700030.	2014	http://dx.doi.org/10.1016/j.rser.2014.01.029, http://www.sciencedirect.com/science/article/pii/S1364032114000409, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	5.901	6.90
A6	Cordoş, N.; Todoruţ, A.; Barabás, I. (2013). Exhaust Emissions of a Medium Power Diesel Engine Operated with Biodiesel. În: Advanced Engineering Forum, Vols. 8-9 (2013), pp. 93-102, doi:10.4028/www.scientific.net/AEF.8-9.93, Trans Tech Publications, Switzerland, ISSN 2234-991X, http://www.ttp.net/2234-9898.html, http://www.scientific.net/AEF.8-9.93, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000323184000012.	Egle Sendzikiene, Alfredas Rimkus, Mindaugas Melaika, Violeta Makareviciene, Saugirdas Pukalskas, Impact of biomethane gas on energy and emission characteristics of a spark ignition engine fuelled with a stoichiometric mixture at various ignition advance angles. În: Fuel, Volume 162, 15 December 2015, Pages 194–201, ISSN: 0016-2361, eISSN: 1873-7153, doi:10.1016/j.fuel.2015.09.019, WOS:000362452100024.	2015	https://doi.org/10.1016/j.fuel.2015.09.019, http://www.sciencedirect.com/science/article/pii/S0016236115009096, https://apps-webofknowledge-com.am.e-nformation.ro/	3.611	4.61

A7	Barabás, I.; Todoruţ, A.; Cordoş, N. (2017). Estimation of Boiling Points of Brake Fluids. Springer 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_24, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 209-216, http://link.springer.com/chapter/10.1007/978-3-319-45447-4_24, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400024.	Krystian Szewczyński, Aleksander Król, Małgorzata Król, Should We Expect a Disastrous Fire Accident in an Urban Road Tunnel? Literature Data Review and a Case Study for Selected Tunnels in Poland. Sustainability 2021, 13(11), 6172, ISSN 2071-1050, Published: 31 May 2021, Special Issue Transportation Safety Management: Perspectives for Sustainability, WOS:000660766400001.	2021	https://doi.org/10.3390/su13116172, https://www.mdpi.com/2071-1050/13/11/6172, https://apps-webofknowledge-com.am.e-nformation.ro/	3.251	4.25
C2-A7		Kuranc, A.; Zajac, G.; Szyszlak-Bargłowicz, J.; Słowik, T.; Vrabel, J.; Sarkan, B.; Caban, J.; Makarski, P., Boiling point of the brake fluid based on alkyl ethers of alkylene glycols in vehicles being in use. PRZEMYSL CHEMICZNY, Volume: 97, Issue: 12, ISSN: 0033-2496, Pages: 2102-2105, DOI: 10.15199/62.2018.12.17, WOS:000460494200021, Published: DEC 2018.	2018	http://www.sigma-not.pl/publikacja-117893-.html, http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-f093e03a-008a-4aed-9dba-e0d1263885dd, https://apps-webofknowledge-com.am.e-nformation.ro/	0.428	1.43
C3-A7		Sejkorova, M.; Verner, J.; Sejkora, F.; Hurtova, I; Senkyr, J., Analysis of Operation Wear of Brake Fluid Used in a Volvo Car. TRANSPORT MEANS 2018, PTS I-III, Book Group Author(s): Kaunas Univ Technol, Book Series: Transport Means - Proceedings of the International Conference, Pages: 592-596, ISSN: 1822-296X, Published: 2018, Document Type: Proceedings Paper Conference, 22nd International Scientific Conference on Transport Means (Transport Means), Location: Trakai, LITHUANIA, Date: OCT 03-05, 2018, WOS:000576604500103.	2018	https://dk.upce.cz/handle/10195/72427?locale-attribute=en, https://transportmeans.ktu.edu/wp-content/uploads/sites/307/2018/02/Transport-means-II-A4-2018-09-25.pdf, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

A8	I Barabás, A Todoruţ, N Cordoş, A Molea (2017). Current challenges in autonomous driving. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering (IOP Conf. Ser.: Mater. Sci. Eng.), Volume 252, 012096, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ştefan Tabacu (University of Pitesti), DOI:10.1088/1757-899X/252/1/012096, http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012096/meta;jsessionid=EAD0BD9F CE7D5CED19720AF4DFFCD19E.c2.iopscience.cld.iop.org, http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200096.	Junyan Chen, Haibo Chen, Jianbing Gao, Kaushali Dave, Romina Quaranta, Business models and cost analysis of automated valet parking and shared autonomous vehicles assisted by internet of things. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering (P I MECH ENG D-J AUT), Volume 235, Issue 9, Pages 2456-2469, August 2021, ISSN: 0954-4070, Online ISSN: 2041-2991, DOI: 10.1177/0954407021994445, SCOPUS, WOS:000669017700008.	2021	https://doi.org/10.1177/0954407021994445, https://journals.sagepub.com/doi/full/10.1177/0954407021994445, https://www-scopus-com.am.e-nformation.ro/, , https://www-webofscience-com.am.e-nformation.ro/	1.484	2.48
C2-A8	Sabera Hoque; Md. Yasir Arafat; Shuxiang Xu; Ananda Maiti; Yuchen Wei, A Comprehensive Review on 3D Object Detection and 6D Pose Estimation with Deep Learning. Publisher: IEEE, Published in: IEEE Access (Early Access), Date of Publication: 22 September 2021, Volume 9, Page 143746-143770, ISSN: 2169-3536, EISSN: 2169-3536, DOI: 10.1109/ACCESS.2021.3114399, WOS:000711726500001.	2021	https://ieeexplore.ieee.org/abstract/document/9543652, https://ieeexplore-ieee-org.am.e-nformation.ro/document/9543652, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	3.367	4.37
C3-A8	Gomatheeshwari Balasekaran, Selvakumar Jayakumar, Rocío Pérez de Prado, An Intelligent Task Scheduling Mechanism for Autonomous Vehicles via Deep Learning. Energies 2021, 14(6), 1788, ISSN 1996-1073, EISSN 1996-1073, DOI:10.3390/en14061788, SCOPUS, WOS:000634404000001.	2021	https://doi.org/10.3390/en14061788, https://www.mdpi.com/1996-1073/14/6/1788, https://apps-webofknowledge-com.am.e-nformation.ro/	3.004	4.00

C4-A8	Esraa Khatab, Ahmed Onsy, Martin Varley, Ahmed Abouelfarag, Vulnerable objects detection for autonomous driving: A review. In: Integration (INTEGRATION-THE VLSI JOURNAL), Volume 78, May 2021, Pages 36-48, ISSN: 0167-9260, eISSN: 1872-7522, DOI: 10.1016/j.vlsi.2021.01.002, SCOPUS, WOS:000631981300002.	2021	https://doi.org/10.1016/j.vlsi.2021.01.002, https://www.sciencedirect.com/science/article/abs/pii/S0167926021000055, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro	1.211	2.21
C5-A8	Sangjae Bae, David Isele, Kikuo Fujimura, Scott J. Moura, Risk-Aware Lane Selection on Highway with Dynamic Obstacles. 32nd IEEE Intelligent Vehicles Symposium (IV), 2021, 11-17 July 2021, Conference Location: Nagoya, Japan, Publisher: IEEE, Volume 2021-July, pp. 652-659, Code 173405, Electronic ISBN:978-1-7281-5394-0, USB ISBN:978-1-7281-5393-3, Print on Demand(PoD) ISBN:978-1-7281-5395-7, Date Added to IEEE Xplore: 01 November 2021, DOI: 10.1109/IV48863.2021.9575610, SCOPUS.	2021	https://arxiv.org/abs/2104.04105, https://ieeexplore-ieee-org.am.e-nformation.ro/document/9575610, https://www-scopus-com.am.e-nformation.ro/		1.00
C6-A8	Ingmar S. Franke, Adrian Köhler, Annika Elze, Control the Autonomous! - User Interfaces for Monitoring and Dispatching Autonomous Vehicles. 2021 IEEE International Intelligent Transportation Systems Conference (ITSC), 19-22 Sept. 2021, Conference Location: Indianapolis, IN, USA, Publisher: IEEE, pp. 2292-2297, Code 173112, Electronic ISBN:978-1-7281-9142-3, USB ISBN:978-1-7281-9141-6, Print on Demand(PoD) ISBN:978-1-7281-9143-0, Date Added to IEEE Xplore: 25 October 2021, DOI: 10.1109/ITSC48978.2021.9564635, SCOPUS.	2021	https://ieeexplore.ieee.org/abstract/document/9564635, https://www-scopus-com.am.e-nformation.ro/		1.00

C7-A8	Carl Lederman, Kelly T. Kirk, Vincent Perry, Brent Kraczek, Simulation environment for development of quad-copter controls incorporating physical environment in urban setting. Proceedings of SPIE - The International Society for Optical Engineering, Volume 11758, 2021, Article number 117580G, Unmanned Systems Technology XXIII 2021, 12 April 2021 - 16 April 2021, ISSN 0277-786X, eISSN 1996-756X, ISBN 978-151064353-6, 978-1-5106-4354-3, DOI 10.1117/12.2586218, Event: SPIE Defense + Commercial Sensing, 2021, SCOPUS, WOS:000698196600012.	2021	https://doi.org/10.1117/12.2586218, https://www.spiedigitallibrary.org/conference-proceedings-of-spie/11758/2586218/Simulation-environment-for-development-of-quad-copter-controls-incorporating-physical/10.1117/12.2586218.short, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	1.00
C8-A8	Dakić P., Živković M., An overview of the challenges for developing software within the field of autonomous vehicles. ACM International Conference Proceeding Series26 May 2021, 7th Conference on the Engineering of Computer Based Systems, ECBS 2021, 26 May 2021 - 27 May 2021, Article No.: 16, Pages 1-10, DOI:10.1145/3459960.3459972, SCOPUS.	2021	https://doi.org/10.1145/3459960.3459972, https://dl.acm.org/doi/10.1145/3459960.3459972, https://www-scopus-com.am.e-nformation.ro/	1.00
C9-A8	Muhammad Uzair, Who Is Liable When a Driverless Car Crashes? World Electric Vehicle Journal (World Electr. Veh. J.), 2021, 12(2), 62, ISSN 2032-6653, DOI:10.3390/wevj12020062, SCOPUS.	2021	https://doi.org/10.3390/wevj12020062, https://www.mdpi.com/2032-6653/12/2/62, https://www-scopus-com.am.e-nformation.ro/	1.00
C10-A8	Thakurdesai H.M. (Hrishikesh M. Thakurdesai), Aghav J.V. (Jagannath V. Aghav), (2021), Autonomous Cars: Technical Challenges and a Solution to Blind Spot. In: Gao XZ., Tiwari S., Trivedi M., Mishra K. (eds), Advances in Computational Intelligence and Communication Technology. Advances in Intelligent Systems and Computing (AISC), vol. 1086, pp. 533-547, Print ISBN: 978-981-15-1274-2, Online ISBN: 978-981-15-1275-9, ISSN: 2194-5357, Springer, Singapore, 2021, First Online: 19 June 2020, DOI:10.1007/978-981-15-1275-9_44, SCOPUS.	2021	https://doi.org/10.1007/978-981-15-1275-9_44, https://link.springer.com/chapter/10.1007/978-981-15-1275-9_44, https://www-scopus-com.am.e-nformation.ro/	1.00

C11-A8	Ungki Lee, Sunghyun Jeon, Ikjin Lee, Shared Autonomous Vehicle System Design for Battery Electric Vehicle (BEV) and Fuel Cell Electric Vehicle (FCEV). Proceedings of the ASME 2021 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC-CIE 2021, Paper No: DETC2021-67734, V03BT03A029; 10 pages, Volume 3B-2021: 47th Design Automation Conference (DAC), August 17-19, 2021, Virtual, Online, Code 174204, ISBN: 978-0-7918-8539-0, DOI: 10.1115/DETC2021-67734, SCOPUS.	2021	https://doi.org/10.1115/DETC2021-67734, https://asmedigitalcollection.asme.org/IDETC-CIE/proceedings-abstract/IDETC-CIE2021/85390/V03BT03A029/1128505, https://www-scopus-com.am.e-nformation.ro/		1.00
C12-A8	Alexandre Lombard,Jocelyn Buisson, Abdeljalil Abbas-Turki, Stéphane Galland, Abderrafiaa Koukam, Curvature-Based Geometric Approach for the Lateral Control of Autonomous Cars. In: Journal of the Franklin Institute (JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS), Volume 357, Issue 14, September 2020, Pages 9378-9398, ISSN 0016-0032, eISSN: 1879-2693, doi: 10.1016/j.jfranklin.2020.07.015, SCOPUS, WOS:000577481300012.	2020	https://doi.org/10.1016/j.jfranklin.2020.07.015, https://www.sciencedirect.com/science/article/pii/S0016003220304828?casa_token=iaz1PXAnCNgAAAAA:3JQ85j6Se6buQBhjU3SFbgXiSxUOKtSBqUShtD_2kp3KxDiT_bCFe8r1PIpk_11XExsex7M_QQ, https://apps-webofknowledge-com.am.e-nformation.ro/	4.504	5.50
C13-A8	Monagi H. Alkinani, Wazir Zada Khan, Quratulain Arshad, Detecting Human Driver Inattentive and Aggressive Driving Behavior Using Deep Learning: Recent Advances, Requirements and Open Challenges. In IEEE Access, vol. 8, pp. 105008-105030, 2020, Electronic ISSN: 2169-3536, doi: 10.1109/ACCESS.2020.2999829, WOS:000541044200037.	2020	https://ieeexplore.ieee.org/abstract/document/9107077, doi: 10.1109/ACCESS.2020.2999829, https://apps-webofknowledge-com.am.e-nformation.ro/	3.367	4.37

C14-A8	Timo Frederik Horeis, Tobias Kain, Julian-Steffen Müller, Fabian Plinke, Johannes Heinrich, Maximilian Wesche, Hendrik Decke, A Reliability Engineering Based Approach to Model Complex and Dynamic Autonomous Systems. Proceedings - 2020 International Conference on Connected and Autonomous Driving (MetroCAD), Detroit, MI, USA, 2020, Article number 9138648, pp. 76-84, doi: 10.1109/MetroCAD48866.2020.00020, IEEE Xplore, 2020, SCOPUS, WOS:000703994900013.	2020	https://ieeexplore.ieee.org/abstract/document/9138648, doi:10.1109/MetroCAD48866.2020.00020, https://www-scopus-com.am.e-nformation.ro/,https://www-webofscience-com.am.e-nformation.ro/	1.00
C15-A8	Raviteja, T., Rajay Vedaraj, I.S., AN INTRODUCTION of AUTONOMOUS VEHICLES and A BRIEF SURVEY. In: Journal of Critical Reviews, Volume 7, Issue 13, 2020, Pages 196-202, ISSN: 2394-5125, DOI: 10.31838/jcr.07.13.33, SCOPUS.	2020	http://www.jcreview.com/index.php?mno=118665, http://www.jcreview.com/index.php?iid=2020-7-13.000&&jid=197&lng=, doi:10.31838/jcr.07.13.33, https://www-scopus-com.am.e-nformation.ro/	1.00
C16-A8	Alawadhi, M., Almazrouie, J., Kamil, M. et al. A systematic literature review of the factors influencing the adoption of autonomous driving. Int J Syst Assur Eng Manag (2020), ISSN: 0975-6809, DOI: 10.1007/s13198-020-00961-4, SCOPUS, WOS:000515908800001.	2020	https://doi.org/10.1007/s13198-020-00961-4, https://link.springer.com/article/10.1007/s13198-020-00961-4, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C17-A8	S. O. Patil, V. V. Sajith Variyar. and K. P. Soman, "Speed Bump Segmentation an Application of Conditional Generative Adversarial Network for Self-driving Vehicles". 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2020, pp. 935-939, ISBN: 978-172814889-2, DOI: 10.1109/ICCMC48092.2020.ICCMC-000173, SCOPUS.	2020	https://ieeexplore.ieee.org/abstract/document/9076374, doi:10.1109/ICCMC48092.2020.ICCMC-000173, https://www-scopus-com.am.e-nformation.ro	1.00

C18-A8	Jorge R. Aguilar Cisneros; Carlos Alberto Fernández-y-Fernández; Jesús Juárez Vázquez, Blockchain Software System Proposal Applied to Electric Self-driving Cars Charging Stations: A TSP Academic Project. In: 2020 8th International Conference in Software Engineering Research and Innovation (CONISOFT), pp. 174-179, Date of Conference: 4-6 Nov. 2020, Conference Location: Chetumal, Mexico, Mexico, DOI: 10.1109/CONISOFT50191.2020.00033, Publisher: IEEE, SCOPUS, WOS:000678294700022.	2020	https://ieeexplore.ieee.org/abstract/document/9307816, https://www-scopus-com.am.e-information.ro/, https://www-webofscience-com.am.e-information.ro/		1.00
C19-A8	Voronin, M.M., Anisimov, P.A., Zolotov, A.V., Development and implementation of a software and hardware complex of the controls automation into the self-driving car system based on the "GAZelle NEXT" vehicle. IOP Conference Series: Materials Science and Engineering, Volume 695, Issue 1, 5 December 2019, Article number 012009, ISSN: 1757-8981, 108th International Scientific and Technical Conference of the Association of Automotive Engineers on Intelligent Car Systems: Development, Research, Certification, AAE 2019; Nizhny Novgorod State Technical University (NNSTU) Nizhny Novgorod; Russian Federation; 25 September 2019 through 26 September 2019, DOI: 10.1088/1757-899X/695/1/012009, SCOPUS.	2019	https://iopscience.iop.org/article/10.1088/1757-899X/695/1/012009/meta, doi:10.1088/1757-899X/695/1/012009, https://www-scopus-com.am.e-information.ro/		1.00
C20-A8	Patrice D. Tremoulet, Thomas Seacrist, Chelsea Ward McIntosh, Helen Loeb, Anna DiPietro, Sophia Tushak, Transporting Children in Autonomous Vehicles: An Exploratory Study. Human Factors: The Journal of the Human Factors and Ergonomics Society, First Published July 3, 2019, Volume: 62, Issue: 2, Pages: 278-287, Special Issue: SI, MAR 2020, Article Number: 0018720819853993, ISSN: 0018-7208, Online ISSN: 1547-8181, DOI: 10.1177/0018720819853993, WOS:000476069800001.	2019	https://doi.org/10.1177/0018720819853993, https://journals.sagepub.com/doi/abs/10.1177/0018720819853993, https://apps-webofknowledge-com.am.e-information.ro/	3.165	4.17

C21-A8	Zöldy M. (2019) Legal Barriers of Utilization of Autonomous Vehicles as Part of Green Mobility. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), Page 243-248. AMMA2018. Proceedings in Automotive Engineering. Springer, Cham, Copyright information © Springer Nature Switzerland AG 2019, ISBN: 978-3-319-94409-8, 978-3-319-94408-1, ISSN: 2524-7778, eISSN: 2524-7786, WOS:000578264900029.	2019	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_29, https://www-webofscience-com.am.e-nformation.ro/	1.00
C22-A8	Shokoufeh Monjezi Kouchak, Ashraf Gaffar, Estimating the Driver Status Using Long Short Term Memory. In: Holzinger A., Kieseberg P., Tjoa A., Weippl E. (eds) Machine Learning and Knowledge Extraction. CD-MAKE 2019. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 11713, pp 67-77, Springer, Cham, ISBN:978-3-030-29726-8; 978-3-030-29725-1, ISSN: 0302-9743, eISSN: 1611-3349, DOI: 10.1007/978-3-030-29726-8_5, SCOPUS, WOS:000558148400005.	2019	https://link.springer.com/chapter/10.1007/978-3-030-29726-8_5, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00
C23-A8	Marialena Vagia and Ørnulf Jan Rødseth, A taxonomy for autonomous vehicles for different transportation modes. Journal of Physics: Conference Series 1357(1),012022, ISSN: 1742-6588, E-ISSN: 1742-6596, DOI:10.1088/1742-6596/1357/1/012022, SCOPUS.	2019	https://iopscience.iop.org/article/10.1088/1742-6596/1357/1/012022/meta, https://www-scopus-com.am.e-nformation.ro/	1.00
C24-A8	Jinke Yu, Leonard Petnga, Space-based Collision Avoidance Framework for Autonomous Vehicles. Procedia Computer Science, Volume 140, 2018, Pages 37-45, ISSN: 1877-0509, DOI:10.1016/j.procs.2018.10.290, Conference: Complex Adaptive Systems Conference (CAS) - Cyber Physical Systems and Deep Learning, Chicago, IL, NOV 05-07, 2018, SCOPUS, WOS:000547349000005.	2018	https://doi.org/10.1016/j.procs.2018.10.290, https://www.sciencedirect.com/science/article/pii/S187705091831963X, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

	Cordoş, N.; Todoruţ, A. (2019). Influences of the Suspensions Characteristics on the Vehicle Stability. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 808-813. AMMA 2018. Proceedings in Automotive Engineering. Springer 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_94, First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786, https://link.springer.com/chapter/10.1007/978-3-319-94409-8_94, https://www.springer.com/us/book/9783319944081, http://apps.webofknowledge.com - Web of Science Core Collection,					
A9	WOS:000578264900094.	Jesús Marcey García, Alex Valero, Aldemar Bohórquez (2020), Efecto de la suspensión en la estabilidad al vuelco y direccionamiento de robots moviéndose sobre discontinuidades de terreno (Suspension effect in tip-over stability and steerability of robots moving on terrain discontinuities). Universitat Politècnica de València, Revista Iberoamericana de Automática e Informática Industrial (REV IBEROAM AUTOM IN), Volume: 17, Issue: 2, Pages: 202-214, e-ISSN: 1697-7920, ISSN: 1697-7912, DOI:10.4995/riai.2020.12308, WOS:000567110300009.	2020	https://doi.org/10.4995/riai.2020.12308, https://polipapers.upv.es/index.php/RIAI/article/view/12308, https://apps-webofknowledge-com.am.e-nformation.ro/	1.202	2.20
C2-A9		BĂLCĂU, Monica; CRISTEA, Aurora-Felicia. THEORETICAL CONSIDERATIONS REGARDING THE DYNAMIC ABSORBER. ACTA TECHNICA NAPOCENSIS - Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, Volume: 62, Issue: 3, Pages: 417-422, Published: SEP 2019, ISSN 1221-5872, WOS:000489767000008.	2019	https://atna-mam.utcluj.ro/index.php/Acta/article/view/1221, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

A10	Todoruţ, A.; Cordoş, N. (2019). Evaluation of the Vehicle Sideslip Angle According to Different Road Conditions. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018), pp. 814-819. AMMA 2018. Proceedings in Automotive Engineering. Springer 2019, DOI: https://doi.org/10.1007/978-3-319-94409-8_95, First Online: 30 September 2018, Print ISBN 978-3-319-94408-1, Series Print ISSN 2524-7778, Online ISBN 978-3-319-94409-8, Series Online ISSN 2524-7786, https://link.springer.com/chapter/10.1007/978-3-319-94409-8_95, https://www.springer.com/us/book/9783319944081, http://apps.webofknowledge. com - Web of Science Core Collection, WOS:000578264900095.	Jia Peng, L. Chu, Tangjie Wang, T.F. Fwa, Analysis of vehicle skidding potential on horizontal curves. Accident Analysis & Prevention (ACCIDENT ANAL PREV), Volume 152, March 2021, 105960, ISSN: 0001-4575, eISSN: 1879-2057, DOI: 10.1016/j.aap.2020.105960, WOS:000620784500012.	2021	https://doi.org/10.1016/j.aap.2020.105960, https://www.sciencedirect.com/science/article/abs/pii/S0001457520317802, https://apps-webofknowledge-com.am.e-nformation.ro/	4.993	5.99
C2-A10		J. Peng, L. Chu & T. F. Fwa, Determination of safe vehicle speeds on wet horizontal pavement curves. Journal Road Materials and Pavement Design, Print ISSN: 1468-0629, Online ISSN: 2164-7402, Published online: 04 Jun 2020, Volume 22, Issue 11, Pages 2641-2653, 2021, DOI: 10.1080/14680629.2020.1772350, WOS:000542890800001.	2020	https://doi.org/10.1080/14680629.2020.1772350, https://www.tandfonline.com/doi/abs/10.1080/14680629.2020.1772350, https://apps-webofknowledge-com.am.e-nformation.ro/	3.792	4.79
C3-A10		BĂLCĂU, Monica; CRISTEA, Aurora-Felicia. THEORETICAL CONSIDERATIONS REGARDING THE DYNAMIC ABSORBER. ACTA TECHNICA NAPOCENSIS - Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, Volume: 62, Issue: 3, Pages: 417-422, Published: SEP 2019, ISSN 1221-5872, WOS:000489767000008.	2019	https://atna-mam.utcluj.ro/index.php/Acta/article/view/1221, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

A11	N Cordoş, A Todoruţ, I Barabás (2017). Evaluation of the tire pressure influence on the lateral forces that occur between tire and road. IOP Publishing, 2017, IOP Conference Series: Materials Science and Engineering, Volume 252, 012011, ISSN: 1757-8981, Conference 1, CAR-2017, International Congress of Automotive and Transport Engineering - Mobility Engineering and Environment, Pitesti, Romania, 8-10 November 2017, Editors: Adrian Clenci (University of Pitesti), Ştefan Tabacu (University of Pitesti), doi:10.1088/1757-899X/252/1/012011, http://iopscience.iop.org/article/10.1088/1757-899X/252/1/012011/meta;jsessionid=DE1B4ACD284A67A38A3D660D319F68BE.c1.iopscience.cld.iop.org, (N Cordoş et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. 252 012011), http://www.scopus.com, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000419817200011.	Akshay Mishra, Amit Babalal Nahar, Sri Kiran Kosanam, Real Time Vehicle Dynamics for Smart Driving. SAE Technical Papers, Issue 2021, 22 September 2021, SAE 2021, 17th Symposium on International Automotive Technology, SIAT 2021, Virtual, Online, 29 September 2021 through 1 October 2021, Code 172160, ISSN: 0148-7191, e-ISSN: 2688-3627, DOI: 10.4271/2021-26-0085, SCOPUS.	2021	https://doi.org/10.4271/2021-26-0085, https://www.sae.org/publications/technical-papers/content/2021-26-0085/, https://www-scopus-com.am.e-nformation.ro/	1.00
C2-A11		Kesuma, PA (Kesuma, Putra Aulia); Rohman, MA (Rohman, Mohammad Arif); Prastyanto, CA (Prastyanto, Catur Arif). Analysing the root cause of the damage risk in heavy vehicles to reduce traffic congestion. INTERNATIONAL JOURNAL OF CONSTRUCTION MANAGEMENT, ISSN: 1562-3599, eISSN: 2331-2327, DOI: 10.1080/15623599.2020.1742639, Published online: 02 Apr 2020, SCOPUS, WOS:000523129900001.	2020	https://doi.org/10.1080/15623599.2020.1742639, https://www.tandfonline.com/doi/abs/10.1080/15623599.2020.1742639, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	1.00

C3-A11	Dobreva A., Dobrev V. (2019) Innovative Methodology for Decreasing Mechanical Losses in Vehicles. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering, Pages: 234-242, Springer, Cham, ISBN:978-3-319-94409-8; 978-3-319-94408-1, ISSN: 2524-7778, eISSN: 2524-7786, DOI: 10.1007/978-3-319-94409-8_28, WOS:000578264900028.	2019	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_28, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
A12	Todoruț, A.; Molea, A.; Barabás, I. Predicting the Temperature and Composition-Dependent Density and Viscosity of Diesel Fuel–Ethanol Blends. In: Periodica Polytechnica Chemical Engineering (Period. Polytech. Chem. Eng.), 64(2), pp. 213–220, 2020, ISSN: 1587-3765, Print ISSN: 0324-5853, Received: 29 July 2019, Accepted: 21 October 2019, Published online: 02 December 2019, OnlineFirst: https://pp.bme.hu/ch/article/view/14757/8560, (ONLINE) DOI: https://doi.org/10.3311/PPch.14757, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000513892600007.	Razzaq, L.; Farooq, M.; Mujtaba, M.A.; Sher, F.; Farhan, M.; Hassan, M.T.; Soudagar, M.E.M.; Atabani, A.E.; Kalam, M.A.; Imran, M. Modeling Viscosity and Density of Ethanol-Diesel-Biodiesel Ternary Blends for Sustainable Environment. Sustainability 2020, Volume: 12, Issue: 12, Article Number: 5186, ISSN 2071-1050, WOS:000554678600001.	2020	https://doi.org/10.3390/su12125186, https://www.mdpi.com/2071-1050/12/12/5186, https://apps-webofknowledge-com.am.e-nformation.ro/	3.251	4.25

A13	Todoruţ, A.; Cordoş, N.; Iclodean, C. (2020). Replacing Diesel Buses with Electric Buses for Sustainable Public Transportation and Reduction of CO2 Emissions. In: Polish Journal of Environmental Studies, PJOES-00732-2019-02, Pol. J. Environ. Stud. 2020;29(5):3339–3351, ISSN: 1230-1485, eISSN: 2083-5906, Acceptance date: 2019-10-08, Online publication date: 2020-03-05, https://doi.org/10.15244/pjoes/112899, http://www.pjoes.com/Replacing-Diesel-Buses-with-Electric-Buses-nfor-Sustainable-Public-Transportation,112899,0,2.html, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000534642300033.	Romero-Ania, A (Romero-Ania, Alberto), Gutierrez, LR (Rivero Gutierrez, Lourdes), Oliva, MAD (De Vicente Oliva, Maria Auxiliadora), Multiple Criteria Decision Analysis of Sustainable Urban Public Transport Systems. Mathematics, 2021, 9(16), 1844, ISSN: 2227-7390, DOI 10.3390/math9161844, WOS:000689394400001.	2021	https://doi.org/10.3390/math9161844, https://www.mdpi.com/2227-7390/9/16/1844/htm, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	2.258	3.26
C2-A13		Polom, M (Połom, Marcin), Wisniewski, P (Wiśniewski, Paweł), Assessment of the Emission of Pollutants from Public Transport Based on the Example of Diesel Buses and Trolleybuses in Gdynia and Sopot. International Journal of Environmental Research and Public Health (Int. J. Environ. Res. Public Health - IJERPH), 2021, 18(16), 8379, ISSN: 1661-7827 (print), ISSN: 1660-4601 (online), DOI 10.3390/ijerph18168379, WOS:000690521100001.	2021	https://doi.org/10.3390/ijerph18168379, https://www.mdpi.com/1660-4601/18/16/8379/htm, https://www-scopus-com.am.e-nformation.ro/, https://www-webofscience-com.am.e-nformation.ro/	3.39	4.39
C3-A13		Evgeniy Chikishev, Impact of natural and climatic conditions on electric energy consumption by an electric city bus. Transportation Research Procedia, Volume 57, 2021, Pages 113-121, ISSN: 2352-1457, E-ISSN: 2352-1465, DOI: 10.1016/j.trpro.2021.09.032, SCOPUS.	2021	https://doi.org/10.1016/j.trpro.2021.09.032, https://www.sciencedirect.com/science/article/pii/S2352146521006608, https://www-scopus-com.am.e-nformation.ro/		1.00

C4-A13	Jeremy Bowes, Sara Diamond, Greice C. Mariano, Mona Ghafouri-Azar, Sara Mozafari-Lorestani, Olufunbi Disu-Sule, Jacob Cram, Zijing Liu, Zuriel Tonatiuh Ceja De La Cruz, Visualization of Zero Energy Bus Implementation Through Effective Computer Interaction. International Conference on Human-Computer Interaction, HCII 2021: HCI in Mobility, Transport, and Automotive Systems, MobiTAS 2021, Lecture Notes in Computer Science, vol 12791, pp 19-38, Print ISBN 978-3-030-78357-0, Online ISBN 978-3-030-78358-7, Publisher: Springer, Cham, 2021, DOI 10.1007/978-3-030-78358-7_2, SCOPUS.	2021	https://doi.org/10.1007/978-3-030-78358-7_2, https://link.springer.com/chapter/10.1007/978-3-030-78358-7_2, https://www-scopus-com.am.e-nformation.ro/		1.00
C5-A13	Brdulak, A.; Chaberek, G.; Jagodziński, J., Development Forecasts for the Zero-Emission Bus Fleet in Servicing Public Transport in Chosen EU Member Countries. Energies (ENERGA) 2020, 13(16), 4239, ISSN 1996-1073, SCOPUS, WOS:000565624300001.	2020	https://doi.org/10.3390/en13164239, https://www.mdpi.com/1996-1073/13/16/4239, https://www-scopus-com.am.e-nformation.ro/, https://apps-webofknowledge-com.am.e-nformation.ro/	3.004	4.00
A14	Cordoș, N.; Todoruț, A.; Barabás, I.; Mureșan, R.D. (2017). Evaluation of the Behavior in Cornering for Different Classes of Passenger Cars by Numerical Modeling. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_9, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 83-89, http://link.springer.com/chapter/10.1007/978-3-319-45447-4_9, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400009.	2019	Cimerdean D., Burnete N., Iclodean C. (2019) Assessment of Life Cycle Cost for a Plug-in Hybrid Electric Vehicle. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham, WOS:000578264900032. https://link.springer.com/chapter/10.1007/978-3-319-94409-8_32, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00

A15	Todoruţ, A.; Cordoş, N.; Barabás, I.; Miheţ, S. (2017). Evaluation by Experimental Methods of the Parameters that Influence the Behavior of Various Passenger Cars Classes in the Braking Process. Springer International Publishing Switzerland 2017, A. Chiru and N. Ispas (eds.), CONAT 2016 International Congress of Automotive and Transport Engineering, DOI 10.1007/978-3-319-45447-4_8, ISBN: 978-3-319-45446-7 (Print), 978-3-319-45447-4 (eBook), pp 75-82, http://link.springer.com/chapter/10.1007/978-3-319-45447-4_8, http://apps.webofknowledge.com - Web of Science Core Collection - WOS:000390821400008.	Cimerdean D., Burnete N., Iclodean C. (2019) Assessment of Life Cycle Cost for a Plug-in Hybrid Electric Vehicle. In: Burnete N., Varga B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham, WOS:000578264900032.	2019	https://link.springer.com/chapter/10.1007/978-3-319-94409-8_32, https://apps-webofknowledge-com.am.e-nformation.ro/		1.00
A16	Todoruţ, A.; Cordoş, N.; Marian, A.; Bălcău, Monica, (2017). Evaluation of the Transversal Stability Parameters for the Vehicles with Two Wheels Locate in Parallel, Segway Type. Cluj-Napoca, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 60, Issue II, June, 2017, pg. 205-216, Editura U.T.PRESS, ISSN 1221-5872, http://www.atna-mam.utcluj.ro/index.php/Acta/article/view/874, http://apps.webofknowledge.com - Web of Science Core Collection, WOS:000416960900007.	Jin-Uk Bang, Ji-Hyeon Kim & Jangmyung Lee, Precise Curve Motion Control of a Segway by Compensating the Centrifugal Force with SEAs. International Journal of Control, Automation and Systems (Int. J. Control Autom. Syst.), volume 19, Issue: 6, pages 2018–2025 (2021), Electronic ISSN: 2005-4092, Print ISSN: 1598-6446, Published: 19 May 2021, DOI: 10.1007/s12555-019-1076-3, WOS:000652232100002.	2021	https://doi.org/10.1007/s12555-019-1076-3, https://link.springer.com/article/10.1007/s12555-019-1076-3, https://apps-webofknowledge-com.am.e-nformation.ro/	3.314	4.31
	Total					**1170.82**