

PROCES VERBAL

Al sedintei Comisiei de analiza a dosarelor candidatilor inscrisi la concursurile didactice si de verificare a informatiilor din fisa de verificare a indeplinirii standardelor UTC-N de la Facultatea de Ingineria Materialelor si a Mediului, numita prin decizia 354 / 7.07.20 a Rectorului UTC-N, intrunite astazi, 24.07.20, in vederea analizei dosarului candidatului **Dr.Ing. Ovidiu Nemes** pentru ocuparea postului **Profesor poz. 2 la Departamentul de Ingineria Mediului si Antreprenoriatul Dezvoltarii Durabile.**

Comisia a analizat dosarul de concurs si a constatat ca **sunt indeplinite standardele CNATDCU** pentru postul de Profesor universitar, domeniul Ingineria mediului.

Prof.Dr.Ing. Catalin Popa

Prof.Dr.Ing. Valer Micle

Prof.Dr.Fiz. Coriolan Tiusan

Nume: Nemeş

Prenume: Ovidiu

Grad didactic: Conferențiar universitar

Concurs pentru: Profesor universitar

Anexa nr. 18 - COMISIA DE INGINERIA MEDIULUI
O.M. 6129/2016 publicat în M.O., Partea I, Nr. 123 bis din 15.02.2017

**STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIEREA
TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR
PROFESIONALE DE CERCETARE - DEZVOLTARE**

Se definesc:

NT = număr total de articole în reviste ISI

FIC = factor de impact cumulat (suma factorilor de impact al revistelor la momentul susținerii publice a tezei de doctorat sau la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)

NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)

NC = număr total de citări din baza SCOPUS sau ISI Web of Science, excluzându-se autocitățile

Concurs de Profesor / CSI

Standarde minimale (cumulative):

	Minimal	Realizat	Criteriu indeplinit	Procent realizare
a) NT \geq	25	33	DA	132,00%
b) NP \geq	10	27	DA	270,00%
NP cu IF>1	6	13	DA	216,67%
c) FIC ¹ \geq	20	37,22	DA	186,09%
d) NC \geq	100	177	DA	177,00%

¹ În acest caz în calculul FIC se ține cont de factorul de impact la momentul înscrierii la concursul pentru ocuparea unei poziții didactice și al tezei de doctorat și al articolelor naționale (FI = 1) și Brevetele internaționale (FI = 3) intră în calculul FIC de la punctul c)

NT = număr total de articole în reviste ISI

NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)

FIC = factor de impact cumulat (suma factorilor de impact al revistelor la momentul susținerii publice a tezei de doctorat sau la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)

1. Articole în reviste ISI

Nr. Art.	Articol ISI	Nr. Autori	FI An publicare	NP	FI An evaluare 2020
1	Title: Innovative Use of Sheep Wool for Obtaining Materials with Improved Sound-Absorbing Properties Author(s): Borlean (Muresan) I.S., Tiuc A.E., Nemes, O., Vermesan, H., Vasile, O. Source: Materials, Volume: 13 Issue: 2 Pages: 694-707 DOI: https://doi.org/10.3390/ma13010694 Published: 2020 WOS: 000515503100201	5	2,972	DA	2,972
2	Title: New sound absorbing materials obtained from waste rigid polyurethane foam Author(s): Tiuc A.E., Nemes, O., Vermesan, H., Tamas-Gavrea, D.-R., Vasile, O. Source: Materiale Plastice Volume: 56 Issue: 4 Pages: 1021-1027 Published: 2019 WOS: 000509920700050	5	1,393	DA	1,393
3	Title: Functionalization of mesoporous silica materials using Chitin(4)arenes Author(s): Olteanu, M., Septelcan, R., Nemes, O., Grea, D., Gal, E., Porumb, D., Deak, G., Baraitaru, A. Source: Materiale Plastice Volume: 56 Issue: 3 Pages: 554-558 Published: 2019 WOS: 000487764000017	8	1,393	DA	1,393
4	Title: New sound absorbent composite materials based on sawdust and polyurethane foam Author(s): Ancuta Elena Tiuc; Nemes, O.; Horatiu Vermesan*, Adina Cristina Toma Source: COMPOSITES PART B-ENGINEERING Volume: Issue: 165 Pages: 120-130 DOI: https://doi.org/10.1016/j.compositesb.2018.11.103 Published: 2019 WOS: 000462803100011	4	6,864	DA	6,864
5	Title: New functionalized glass fibers employing calixarene systems Author(s): Septelcan, R.A., Velmarov, M., Prodan, D., Perhatu, I., Nemes, O., Moldovan, M.* Source: Studia Universitatis Babeş-Bolyai Chimia Vol 62 Issue 4, pp. 308-311, Published: 2017 WOS: 000425964800033	6	0,244	DA	0,244
6	Title: Industrial Tanned Leather Waste Embedded in Modern Composite Materials Author(s): Popija, G.E., Rosu, C., Mancuia, D., Corbu, O., Popovici, A., Nemes, O., Sandu, A.V., Proncou, M., Dan, S.B. Source: Materiale Plastice Volume: 53 Issue: 2 Pages: 308-311 Published: 2016 WOS: 000380629300029	9	0,903	NU	0,903
7	Title: Thermal behaviour of polyurethane matrix composite materials Author(s): Tiuc, A.E., Nemes, O., Perhatu, I., Vermesan, H., Gabor, I., Dan, V. Source: Studia Universitatis Babeş-Bolyai Chimia Issue 2, pp. 169-176, Published: 2015 WOS: 000369161800016	6	0,148	NU	0,148
8	Title: Quantitative analysis of the noncompliant landfill constituents Author(s): Soporan, M.B., Nemes, O. Source: Studia Universitatis Babeş-Bolyai Chimia Issue 2, pp. 201-206, Published: 2015 WOS: 000369161800019	2	0,148	NU	0,148
9	Title: Resin type influence on moulded parts final dimensions Author(s): Radu, S.-A., Leordean, V.D., Băle, N., Nemes, O.* Source: Studia Universitatis Babeş-Bolyai Chimia Issue 2, pp. 219-228, Published: 2015 WOS: 000369161800021	4	0,148	DA	0,148
10	Title: Investigation of a naturally patinated bronze artifact originating from the outdoor statutory group of Matthias Rex Author(s): Chelaru, J.D., Muresan, L.M., Soporan, V.F., Nemes, O., Barbu-Tudoran, L. Source: Journal of Cultural Heritage Volume: 15 Issue: 5 Pages: 546-549 Published: 2014 WOS: 000344091500010	5	1,568	NU	1,568
11	Title: Design And Analysis Of Carbon/Epoxy Composite Bicycle Handbar Author(s): Bere, P., Duulescu, M.C., Bal, N., Bere, P., Iurian, A.M., Nemes, O.* Source: Materiale Plastice Volume: 51 Issue: 2 Pages: 145-149 Published: JUN 2014 WOS: 000339475200007	6	0,824	DA	1,393
12	Title: Analytical Model Application for Adhesive Cylindrical Assemblies made by Hybrid Materials Author(s): Nemes, O. Source: Materiale Plastice Volume: 50 Issue: 4 Pages: 314-318 Published: DEC 2013 WOS: 000329562600018	1	0,463	DA	1,393

	Title: Determinarea Proprietăților Fonotoarborante Ale Unor Noi Materiale Composite Realizate Din Deșeurii [Determination of the sound absorption properties of some new composite materials obtained from wastes]	4	0,610	NU	0	0,610	0,610
13	<p>Author(s): Tînc, A.B., Rusu, T., Ionescu, S., Nemeș, O. Source: Revista Romana de Materiale/ Romanian Journal of Materials, Volume 42 (4), pp. 405-414, Published: 2012 WOS: 000313318300012</p>	4	0,610	NU	0	0,610	0,610
14	<p>Title: Characterisation of generated ash from hazardous waste incineration Author(s): Coeș, E.A., Soporan, V.F., Ilea, P., Imre-Lucaci, F., Soporan, B.M., Bere, P., Nemeș, O.* Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Issue 2, pp. 147-156, Published: 2012 WOS: 000318065900014</p>	7	0,089	DA	1	0,089	0,089
15	<p>Title: Gas analysis of municipal landfill emissions Author(s): Vae Soporan, M.B., Soporan, V.F., Coeș, E.A., Bătrâncu, G., Nemeș, O.* Source: Studia Universitatis Babes-Bolyai Chemia (3), pp. 23-30, Published: 2012 WOS: 000318592900003</p>	5	0,089	DA	1	0,089	0,089
16	<p>Title: New materials from waste glass fibre Author(s): Sabău, E., Bălc, N., Bere, P., Nemeș, O.* Source: Studia Universitatis Babes-Bolyai Chemia (4), pp. 201-208, Published: 2012 WOS: 000318593300020</p>	4	0,089	DA	1	0,089	0,089
17	<p>Title: Effects of 2-ethylhexyl nitrate on auto-ignition and combustion qualities of rapeseed oil Author(s): Cordos, Nicolae; Bere, Paul; Nemeș, O.* Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 37 Issue: 1 Pages: 175-184, Published: 2012 WOS: 000305563800020</p>	3	0,089	DA	1	0,089	0,089
18	<p>Title: Porosity change by resin impregnation in structures obtained by selective laser sintering technology Author(s): Păcurar, R., Păcurar, A., Bere, P., Bălc, N., Nemeș, O.* Source: Studia Universitatis Babes-Bolyai Chemia (3), pp. 5-13, Published: 2012 WOS: 000318593300011</p>	5	0,089	DA	1	0,089	0,089
19	<p>Title: Characterization of hydroxyapatite coatings on different pretreated Ti6Al4Nb alloy substrates Author(s): Marcu, T., Nemeș, O., Todea, M., Leonard, D., Popa, C. Source: Studia Universitatis Babes-Bolyai Chemia (4), pp. 109-119, Published: 2012 WOS: 000318593300011</p>	5	0,089	NU	0	0,089	0,089
20	<p>Title: Phenomenological fracture model for biaxial fibre reinforced composites Author(s): Bere, Paul; Derec, Petru; Nemeș, O.* Source: COMPOSITES PART B-ENGINEERING Volume: 43 Issue: 5 Pages: 2237-2243 DOI: 10.1016/j.compositesb.2012.01.073 Published: JUL 2012 WOS: 000305356700018</p>	3	2,143	DA	1	2,143	6,864
21	<p>Title: Adhesive fracture in double-lap adhesive assemblies Author(s): Nemeș, O.*; Chișer, A. M.; Rus, A. R.; et al. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 56 Issue: 4 Pages: 249-254 Published: 2011 WOS: 000304703300025</p>	6	0,129	DA	1	0,129	0,129
22	<p>Title: Double-lap adhesive bonded-joints assemblies modelling Author(s): Nemeș, O.*; Lachaud, F. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 30 Issue: 5 Special Issue: SI Pages: 288-297 DOI: 10.1016/j.ijadhadh.2010.02.006 Published: JUL 2010 WOS: 000279074000005</p>	2	1,944	DA	1	1,944	2,501
23	<p>Title: Adhesive influence on double-lap bonded-joints assemblies Author(s): Nemeș, Ovidiu* Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 55 Issue: 2 Pages: 389-394 Published: 2010 WOS: 000278584100020</p>	1	0,231	DA	1	0,231	0,231
24	<p>Title: New composite materials plates from vegetal fibres Author(s): Nemeș, O.*; Chișer, Amalia Mihaela; Rus, Andreea Ramona; et al. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 54 Special Issue: SI Pages: 101-108 Published: 2010 WOS: 000208359300011</p>	6	0,231	DA	1	0,231	0,231
25	<p>Title: Modeling of Cylindrical Adhesively Bonded Joints Author(s): Nemeș, O.*; Lachaud, F. Source: JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY Volume: 23 Issue: 10-11 Pages: 1383-1393 DOI: 10.1163/156856109X432983 Published: 2009 WOS: 000271415100006</p>	2	1,175	DA	1	1,175	1,210
26	<p>Title: Stress Analysis in Adhesive Cylindrical Assemblies made by Hybrid Materials Author(s): Nemeș, O.*; Lachaud, F.; Mojlabi, A.; Bozcan, M.; Grigoras, S. Source: MATERIALE PLASTICE Volume: 45 Issue: 4 Pages: 390-393 Published: DEC 2008 WOS: 000262600800016</p>	5	0,873	DA	1	0,873	1,393
27	<p>Title: The waste rubber used to improve the properties of composite materials Author(s): Nemeș, O.*; Lachaud, Frederic; Piquet, Robert; Soporan, Vasile-Filip; Tataru, Ovidiu Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 53 Issue: 3 Pages: 25-30 Published: 2008 WOS: 000263940900002</p>	5	0,129	DA	1	0,129	0,129

28	Title: Ecological system for waste forming sands in foundries recycling Author(s): Dan, Viorel; Nemes, O.*; Soporan, Vasile-Filip Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 53 Issue: 3 Pages: 77-80 Published: 2008 WOS: 000263940900010	3	0.086	DA	1	0.378	0.378
29	Title: Toward new composite materials starting from multi-layer wastes Author(s): Combes, A.M.; Nemes, O.*; Soporan, V.F.; Vescan, A. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 53 Issue: 3 Pages: 81-86 Published: 2008 WOS: 000263940900011	4	0.086	DA	1	0.378	0.378
30	Title: Contribution to the study of cylindrical adhesive joining Author(s): Nemes, O.*; Lachaud, F.; Mojtabi, A. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 26 Issue: 6 Pages: 474-480 DOI: 10.1016/j.ijadhadh.2005.07.009 Published: SEP 2006 WOS: 000237120400008	3	1.250	DA	1	2.501	2.501
31	Title: Adhesive influence modeling on double-lap joints assemblies Author(s): Nemes, O.* Source: Studia Universitatis Babes-Bolyai Chemia Volume: 53 Issue: 4 Pages: 175-181, Published: 2007 WOS: 000257689700020	1	-	DA	1	0.378	0.378
32	Title: The influence of adhesive on composite materials bonded joints assemblies Author(s): Nemes, O.*; Lachaud, F.; Mojtabi, A.; Soporan, V.F.; Tatanu, O. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 51 Issue: 2 Pages: 201-210, Published: 2006 WOS: -	5	-	DA	1	0.378	0.378
33	Title: Adhesive assemblies optimization Author(s): Nemes, O.*; Lachaud, F.; Mojtabi, A. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 50 Issue: 2 Pages: 105-181, Published: 2005 WOS: -	3	-	DA	1	0.378	0.378

2. Brevete de inventie

Internationale - FI = 3/brevet

Nr. Crt.	Brevet	Nr. Autori	FIC
1.	-	-	-

Nationale - FI = 1/brevet

Nr. Crt.	Brevet	Nr. Autori	FIC
1.	Title: RO128093-B1 - Procedeu de obtinere a placilor din materiale compozite polimerice armate cu fibre. Author(s): Bere Paul, Berea Petru, Nemes Ovidiu, Bal Nicolae, Grated: 2015	4	1
2.	Title: RO129228-B1 - Procedeu de obtinere a unui material compozit fonoadsorbant. Author(s): Ancuta Elena Titu, Tiberiu Rusu, Nemes Ovidiu, Grated: 2015	3	1

Nr. Crt.	Articol citat / Articol care citeaza	Tip citare	Baza de date in care apare
1	<p>1 Title: Contribution to the study of cylindrical adhesive joining Author(s): Nemes, O ; Lachaud, F ; Mojtabi, A Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 26 Issue: 6 Pages: 474-480 DOI: 10.1016/j.jadhadh.2005.07.009 Published: SEP 2006</p>		32
1	<p>1 Title: Analytical solution to calculate the stress distribution in pin-and-collar samples bonded with anaerobic adhesives (following ISO 10123 standard) Author(s): Martinez, M. A.; Velasco, F.; Abenojar, J.; et al. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 28 Issue: 8 Pages: 405-410 DOI: 10.1016/j.jadhadh.2008.04.007 Published: DEC 2008</p>	ISI	Scopus/WoS
2	<p>2 Title: An experimental and analytical study of the mechanical behaviour of adhesively bonded joints for variable extension rates and temperatures Author(s): Deb, A.; Malvaide, I.; Biswas, P.; et al. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 28 Issue: 1-2 Pages: 1-15 DOI: 10.1016/j.jadhadh.2007.02.004 Published: JAN-MAR 2008</p>	ISI	Scopus/WoS
3	<p>3 Title: Analysis of tubular adhesive joints with a functionally modulus graded bondline subjected to axial loads Author(s): Kumar, S. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 29 Issue: 8 Pages: 785-795 DOI: 10.1016/j.jadhadh.2009.06.006 Published: DEC 2009</p>	ISI	Scopus/WoS
4	<p>4 Title: Analytical models of adhesively bonded joints-Part I: Literature survey Author(s): da Silva, Lucas F. M.; das Neves, Paulo J. C.; Adams, R. D.; et al. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 29 Issue: 3 Pages: 319-330 DOI: 10.1016/j.jadhadh.2008.06.005 Published: APR 2009</p>	ISI	Scopus/WoS
5	<p>5 Title: Numerical analysis and optimisation of cylindrical adhesive joints under tensile loads Author(s): Cognard, Jean Yves; Devaux, Hervé; Solier, Laurent Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 30 Issue: 8 Pages: 706-719 DOI: 10.1016/j.jadhadh.2010.07.003 Published: DEC 2010</p>	ISI	Scopus/WoS
6	<p>6 Title: Numerical Analysis and Optimisation of Tubular Adhesive Joints under Tensile Loading Author(s): Cognard, J.Y.; Devaux, H.; Solier, L. Source: Civil-Comp Proceedings, Vol. 93, Published: 2010</p>	BDI	Scopus/WoS
7	<p>7 Title: Stress Analysis of Shaft-Tube Bonded Joints Using a Variational Method Author(s): Kumar, S.; Scantlan, J. P. Source: JOURNAL OF ADHESION Volume: 86 Issue: 4 Pages: 369-394 Article Number: PII 921343912 DOI: 10.1080/00218461003704329 Published: 2010</p>	ISI	Scopus/WoS
8	<p>8 Title: Dimensional stability modeling of cylindrical adhesive joints Author(s): Lyon, P.E.; Lambert, M.D.; Fronk, T.H.; Folkman, S.L.; Ladani, L.J. Source: International SAMPE Technical Conference Published: 2010</p>	BDI	Scopus
9	<p>9 Title: Asymptotic method in adhesive mechanics Author(s): Manevich, L.I., Tursova, R.A. Source: Polymer Science - Series D 4 (4) , pp. 321-330, Published: 2011</p>	BDI	Scopus
10	<p>10 Title: Failure Strength Tests Author(s): da Silva, Lucas F. M. Source: HANDBOOK OF ADHESION TECHNOLOGY, VOL 1 AND 2. Pages: 443-471 Published: 2011</p>	Book	WoS

11	Title: Influence of adherend's delamination on the response of single lap and socket tubular adhesively bonded joints subjected to torsion Author(s): Esmael, Ramadan A.; Taheri, Farid Source: COMPOSITE STRUCTURES Volume: 93 Issue: 7 Pages: 1765-1774 DOI: 10.1016/j.compstruct.2010.12.009 Published: JUN 2011	ISI	Scopus/WoS
12	Title: A multi-objective optimization procedure for bonded tubular-lap joints subjected to axial loading Author(s): Labbe, Steve; Drouot, Jean-Marc Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 33 Pages: 26-35 DOI: 10.1016/j.ijadhadh.2011.09.005 Published: MAR 2012	ISI	Scopus/WoS
13	Title: The influence of the geometry of coaxial adhesively-bonded joints on the transmitted load Author(s): Cognard, J.Y.; Sobier, L.; Creac'hedec R.; Lavelle, F.; Lidon, N. Source: Civil-Comp Proceedings, Vol 99, Published: 2012	BDI	Scopus
14	Title: Quasi-Static Constitutive and Strength Tests (Book Chapter) Author(s): Da Silva, L.F.M., Roumagnac, P., Heulliet, P., (.), Ballesteros, Y., Del Real, J.C. Source: Testing Adhesive Joints, Best Practices, Pages 76-162, Published: 2012	Book	Scopus
15	Title: Adhesive stresses in axially-loaded tubular bonded joints - Part I: Critical review and finite element assessment of published models Author(s): Dragoni, E.; Goglio, L. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 47 (SI) Pages: 35-45 DOI: 10.1016/j.ijadhadh.2013.09.009; Published: DEC 2013	ISI	Scopus/WoS
16	Title: Adhesive stresses in axially-loaded tubular bonded joints-Part II: Development of an explicit closed-form solution for the Lubkin and Reissner model Author(s): Goglio, L.; Paolino, D. S. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 48 Pages: 35-42 DOI: 10.1016/j.ijadhadh.2013.09.010 Published: JAN 2014	ISI	Scopus/WoS
17	Title: Delamination damage analysis of laminated bonded tubular single lap joint made of fiber-reinforced polymer composite Author(s): Das, R.R.; Pradhan, B. Source: International Journal of Damage Mechanics Volume: 23 Issue: 6 Pages: 772-790; DOI: 10.1177/1056789513513199 Published: AUG 2014	ISI	Scopus/WoS
18	Title: Homogenization of mechanical and thermal stresses in functionally graded adhesive joints Author(s): Stein, N., Rosendahl, P.L., Becker, W. Source: Composites Part B: Engineering, Volume 111, Pages 279-293, 15 February 2017	ISI	Scopus/WoS
19	Title: Experimental investigation of novel pre-tightened teeth connection technique for composite tube Author(s): Li, F., Zhao, Q., Chen, H., Xu, L. Source: Steel and Composite Structures, Volume 23, Issue 2, Pages 161-172, 10 February 2017	ISI	Scopus/WoS
20	Title: Bimodularity of interface layer and curing stress coupling effects on mixed mode fracture behaviour of functionally graded tse joint Author(s): Shah, S., Panda, S.K. Source: International Journal of Adhesion and Adhesives, Volume 75, Pages 74-87, 1 June 2017	ISI	Scopus/WoS
21	Title: Analytical models for functionally graded adhesive single lap joints: A comparative study Author(s): Stein, N., Felger, J., Becker, W. Source: International Journal of Adhesion and Adhesives, Volume 76, Pages 70-82, July 2017	ISI	Scopus/WoS
22	Title: Failure strength tests (Book Chapter) Author(s): da Silva, L.F.M., Carbas, R.J.C., Banea, M.D. Source: Handbook of Adhesion Technology: Second Edition, I-2 Pages 489-521, 2018	Book	Scopus
23	Title: Glued-in-rod timber joints: analytical model and finite element simulation Author(s): Hassameh, A., Valipour, H.R., Bradford, M.A., Jockwer, R. Source: Materials and Structures/Matériaux de Constructions, 51(3),61, 2018	ISI	Scopus/WoS
24	Title: Analytical study of the dynamic behavior of a voided adhesively bonded lap joint under axial harmonic load Author(s): Chalhita, G. Source: International Journal of Solids and Structures, 141-142, Pages 183-194, 2018	ISI	Scopus/WoS
25	Title: Simplified analytical model for adhesive-bonded tubular joints with isotropic and composite adherends subjected to tension Author(s): Airmance, S., Hongpinolmas, P., Ruangjirakit, K. Source: International Journal of Adhesion and Adhesives, 51 Pages 59-72, 2018	ISI	Scopus/WoS
26	Title: Stressed state of the axisymmetric adhesive joint of two cylindrical shells under axial tension Author(s): Kureunov, S.S., Barakhoj, K.P., Poliakov, A.G. Source: Materials Science Forum, 968 Pages 519-527, 2019	ISI	Scopus
27	Title: The effects of circumferential voids or debonds on stress distribution in tubular adhesive joints under torsion Author(s): Shishesaz, M., Tehrani, S. Source: Journal of Adhesion, XX Pages XX-XX, 2019	ISI	Scopus
28	Title: Adhesively bonded steel tubes - Part II: Numerical modelling and strength prediction Author(s): Albiez, M., Vallée, T., Ummerhofer, T. Source: International Journal of Adhesion and Adhesives, 90 Pages 211-224, 2019	ISI	Scopus

		ISI	Scopus
29	<p>Title: Geometrical and material optimization of tensile loaded tubular adhesive joints using cohesive zone modelling Author(s): Ferreira, L.R.F., Campilho, R.D.S.G., Rocha, R.J.B., Barbosa, D.R. Source: Journal of Adhesion, 95(5-7) Pages 425-449, 2019</p>	ISI	Scopus
30	<p>Title: Static strength improvement of tubular aluminium adhesive joints by the outer chamfering technique Author(s): Ferreira, L.R.F., Campilho, R.D.S.G., Barbosa, D.R., Rocha, R.J.B., Silva, F.J.G. Source: Procedia Manufacturing, 38 Pages 629-636, 2019</p>	BDI	Scopus
31	<p>Title: Interfacial shear stress distribution in the adhesively bonded tubular joints under tension with a circumferential void or debond Author(s): Ignatov, A.V., Mözgin, S.A. Source: AIP Conference Proceedings, 2171 Pages 17001.5, 2019</p>	BDI	Scopus
32	<p>Title: Geometrical and material optimization of tensile loaded tubular adhesive joints using cohesive zone modelling Author(s): Shishtesaz, M., Tehrani, S. Source: Journal of Adhesion Science and Technology, 34(11) Pages 1172-1205, 2020</p>	ISI	Scopus
2	<p>Title: Double-lap adhesive bonded-joints assemblies modeling Author(s): Nemes, O. ; Lachaud, F. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 30 Issue: 5 Special Issue: SI Pages: 288-297 DOI: 10.1016/j.ijadhadh.2010.02.006 Published: JUL. 2010</p>		11
1	<p>Title: Enhanced layerwise model for laminates with imperfect interfaces - Part 2: Experimental validation and failure prediction Author(s): Mendoza-Navarro, Luis-Ernesto; Diaz-Diaz, Alberto; Caron, Jean-Francois; et al. Source: COMPOSITE STRUCTURES Volume: 94 Issue: 3 Pages: 1032-1037 DOI: 10.1016/j.compstruct.2011.11.023 Published: FEB 2012</p>	ISI	Scopus
2	<p>Title: Strength and interface failure mechanism of adhesive joints Author(s): Xu, Wei; Wei, Yueguang Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 34 Pages: 80-92 DOI: 10.1016/j.ijadhadh.2011.12.004 Published: APR 2012</p>	ISI	Scopus
3	<p>Title: Analysis for three-dimensional singular stress field at a vertex of bonded interface edge in single lap joint under tensile-shear load Author(s): Koguchi, H., Hoshi, K., Kurahashi, T. Source: Nihon Kikai Gakkai Ronbunshu, A Itei/Transactions of the Japan Society of Mechanical Engineers, Part A 78 (795), pp. 1558-1574, Published: 2012</p>	BDI	Scopus
4	<p>Title: Accurate determination of stress distributions in adhesively bonded homogeneous and heterogeneous double-lap joints Author(s): Yousefsani, S. Abdolmajidi; Tahani, Masoud Source: EUROPEAN JOURNAL OF MECHANICS A-SOLIDS Volume: 39 Pages: 197-208 DOI: 10.1016/j.euromechsol.2012.12.001 Published: MAY-JUN 2013</p>	ISI	Scopus
5	<p>Title: Analysis of bonded joints with laminated adherends by a variable kinematics layerwise model Author(s): Icardi, U.; Sola, F. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 50 Pages: 244-254 DOI: 10.1016/j.ijadhadh.2014.02.003 Published: APR 2014</p>	ISI	Scopus
6	<p>Title: Experimental study of adhesively bonded CFRP joints subjected to tensile loads Author(s): Li, J.; Yan, Y.; Zhang, T.; Liang, Z. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 57 Pages: 95-104 DOI: 10.1016/j.euromechsol.2012.12.001 Published: MAR 2015</p>	ISI	Scopus
7	<p>Title: Bending moment calculation for single lap joints with composite laminate adherends including bending-extensional coupling Author(s): Larnee, A.T.; Stein, N.; Becker, W. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 66 Pages: 41-52 DOI: 10.1016/j.ijadhadh.2015.12.001 Published: 2016</p>	ISI	Scopus
8	<p>Title: In-situ and real-time measurement of single-lap-joint bonded area stress distribution based on FBG reflectance spectrum analyses and self-adaptive method Author(s): Jiang, S., Wang, J., Sui, Q., Ye, Q. Source: Optik, Volume 131, Pages 302-311 Published: 1 February 2017</p>	ISI	Scopus
9	<p>Title: In-situ and real-time measurement of single-lap-joint bonded area stress distribution based on FBG reflectance spectrum analyses and self-adaptive method Author(s): Challita, G. Source: International Journal of Solids and Structures, Volume 141-142, Pages 183-194 Published: 2018</p>	ISI	Scopus
10	<p>Title: Interfacial stress analysis of adhesively bonded lap joint Author(s): Her, S.-C., Chan, C.-F. Source: Materials, Volume 12(15), Pages 2403 Published: 2019</p>	ISI	Scopus
11	<p>Title: Numerical simulation analyses of single lap joints for wood-pe composites formed with epoxy and acrylic ester adhesives Author(s): Zhou, D., Di, M. Source: BioResources, Volume 14(3), Pages 5908-5922 Published: 2019</p>	ISI	Scopus
3	<p>Title: Modeling of Cylindrical Adhesively Bonded Joints Author(s): Nemes, O. ; Lachaud, F. Source: JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY Volume: 23 Issue: 10-11 Pages: 1383-1393 DOI: 10.1163/156856109X432983 Published: 2009</p>		14

		ISI	Scopus
1	Title: On axisymmetric adhesive joints with graded interface stiffness Author(s): Kumar, S.; Scanlan, J. P. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 41 Pages: 57-72 DOI: 10.1016/j.ijadhadh.2012.09.001 Publisher: MAR 2013	ISI	Scopus
2	Title: Modeling of Cylindrical Joints with a Functionally Graded Adhesive Interlayer Author(s): Kumar, S.; Source: ADVANCES IN MODELING AND DESIGN OF ADHESIVELY BONDED SYSTEMS Pages: 47-91 Publisher: 2013	Book	WoS
3	Title: Adhesive stresses in axially-loaded tubular bonded joints - Part I: Critical review and finite element assessment of published models Author(s): Dragoni, E.; Goglio, L. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 47 Pages: 35-45 DOI: 10.1016/j.ijadhadh.2013.09.009 Publisher: DEC 2013	ISI	Scopus
4	Title: Adhesive stresses in axially-loaded tubular bonded joints - Part II: Development of an explicit closed-form solution for the Lubkin and Reissner model Author(s): Goglio, L.; Paolino, D.S. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 48 Pages: 35-42 DOI: 10.1016/j.ijadhadh.2013.09.010 Published: JAN 2014	ISI	Scopus
5	Title: An investigation on the effect of parallel slot in bi-adhesive single lap joints with spew fillet Author(s): Çalkç, A.; Yildirim, S. Source: Journal of Engineering Research Volume: 3, Issue 4, Pages: 95-110 Published: DEC 2015	BDI	Scopus
6	Title: An elastic solution for adhesive stresses in multi-material cylindrical joints Author(s): Kumar, S.; Khan, M.A. Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 64 Pages: 142-152 DOI: 10.1016/j.ijadhadh.2015.10.009 Published: JAN 2016	ISI	Scopus
7	Title: Effect of adherend recessing on bi-adhesively bonded single-lap joints with spew fillet Author(s): Çalkç, A.; Yildirim, S. Source: Sadhana - Academy Proceedings in Engineering Sciences, Volume 42, Issue 3, Pages 317-325. 1 March 2017	ISI	Scopus
8	Title: Glued-in-rod timber joints: analytical model and finite element stimulation Author(s): Hassaniñh, A., Valipour, H.R., Bradford, M.A., Jockwer, R. Source: Materials and Structures/Matériaux et Constructions, 51(3),61. 2018	ISI	Scopus
9	Title: Simplified analytical model for adhesive-bonded tubular joints with isotropic and composite adherends subjected to tension Author(s): Ainmanee, S., Hongpinolmas, P., Ruangitirakit, K. Source: International Journal of Adhesion and Adhesives, 86, pp. 59-72. 2018	ISI	Scopus
10	Title: Stressed state of the axisymmetric adhesive joint of two cylindrical shells under axial tension Author(s): Kurennov, S.S., Baraktov, K.P., Poljakov, A.G. Source: Materials Science Forum, 968 MSF, pp. 519-527. 2019	BDI	Scopus
11	Title: Simplified stress analysis of functionally graded single-lap joints subjected to combined thermal and mechanical loads Author(s): Paroissien, E., da Silva, L.F.M., Lachaud, F. Source: Composite Structures, 203, pp. 85-100. 2019	ISI	Scopus
12	Title: Development and validation of finite elements for tubular bonded joints in composite structures Author(s): Sajikumar, K.S., Kumar, N.A., Rao, B.N. Source: Recent Advances in Materials, Mechanics and Management - Proceedings of the 3rd International Conference on Materials, Mechanics and Management, IMMM 2017, pp. 241-246, 2019	BDI	Scopus
13	Title: Adhesively bonded steel tubes - Part II: Numerical modelling and strength prediction Author(s): Albiez, M., Vallée, T., Ummonhofer, T. Source: International Journal of Adhesion and Adhesives, 90, pp. 211-224. 2019	ISI	Scopus
14	Title: General formulation of macro-elements for the simulation of multi-layered bonded structures Author(s): Schwartz, S., Paroissien, E., Lachaud, F. Source: Journal of Adhesion, 96(6), pp. 602-632. 2020	ISI	Scopus
4	Title: Stress analysis in adhesive cylindrical assemblies made by hybrid materials Author(s): Nemes O., Lachaud F., Mojtabi A., Borzani M., Grigoras S. Source: Materiale Plastice, 45 (4) , pp. 390-393. Published: 2008		4
1	Title: Numerical simulation of sheet metal bending with deformable pads made of reinforced silicon rubbers Author(s): Hancu, L.L., Comsa, S. Source: Materiale Plastice 48 (4) , pp. 336-340, Published: 2011	ISI	Scopus
2	Title: Effect of silver nanoparticles incorporation in dental resins on stress distribution Finite Element Analysis Author(s): Popa, D.D., Vitalariu, A., Tatarciuc, M., Munteanu, F. Source: Revista de Chimie, Volume 67, Issue 8, Pages 1571-1574, August 2016	ISI	Scopus

	ISI	Scopus
3	<p>Title: Structural and magnetic relaxation of Fe61 Co10 Y8 Mo1 B20 bulk amorphous alloy obtained using two methods Author(s): Pietrusiewicz, P., Nabalak, M., Jez, B. Source: Revista de Chimie, 69(8), pp. 2097-2101, Published: 2018</p> <p>Title: Simplified analytical model for adhesive-bonded tubular joints with isotropic and composite adherends subjected to tension Author(s): Aimmance, S., Ifonigbinlomas, P., Ruangjirakit, K. Source: International Journal of Adhesion and Adhesives, 86, pp. 59-72, Published: 2018</p>	Scopus
4	<p>Title: TOWARD NEW COMPOSITE MATERIALS STARTING FROM MULTILAYER WASTES Author(s): Gombos, Anca Maria; Nemes, Ovidiu ; Soporan, Vasile Filip ; et al. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 53 Issue: 3 Pages: 81-86 Published: 2008</p>	2
5	<p>Title: Development of Environmental Technology for Carbon Fibre Reinforced Materials Recycling Author(s): Ceclan, Vasile Adrian; Bere, Paul; Borzan, Marian; et al. Source: MATERIALE PLASTICE Volume: 50 Issue: 2 Pages: 79-83 Published: JUN 2013</p> <p>Title: Wood fibers characterization by TGA analysis Author(s): Iurian, A.M., Perhaita, I., Saptelcan, R., Saponar, A., Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 1 Pages: 141-149 Published: 2013 https://www.scopus.com/record/display.url?eid=2-s2.0-84878382599&origin=resultlist&sort=cp-f&sc=ss&sl=Wood+fibers+characterization+by+TGA+analysis&nl0=&nl1=&nl5=&sid=894c348c15c650185ccf003c67b121e6&scot=b&scit=c&cluster=scopusby%2c%222013%22%2a&sl=59&st=TITLE:ABS-KEY%28Wood+fibers+characterization+by+TGA+analysis%29&relpos=4&citeCut=0&searchTerm=</p>	WoS
6	<p>Title: NEW COMPOSITE MATERIALS PLATES FROM VEGETAL FIBRES Author(s): Nemes, Ovidiu ; Chipet, Amalia Mihaela ; Rus, Andreea Ramona ; et al. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 54 Special Issue: SI Pages: 101-108 Published: 2010</p>	2
1	<p>Title: Development of Environmental Technology for Carbon Fibre Reinforced Materials Recycling Author(s): Ceclan, Vasile Adrian; Bere, Paul; Borzan, Marian; et al. Source: MATERIALE PLASTICE Volume: 50 Issue: 2 Pages: 79-83 Published: JUN 2013</p>	WoS
2	<p>Title: Wood fibers characterization by TGA analysis Author(s): Iurian, A.M., Perhaita, I., Saptelcan, R., Saponar, A., Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 1 Pages: 141-149 Published: 2013 https://www.scopus.com/record/display.url?eid=2-s2.0-84878382599&origin=resultlist&sort=cp-f&sc=ss&sl=Wood+fibers+characterization+by+TGA+analysis&nl0=&nl1=&nl5=&sid=894c348c15c650185ccf003c67b121e6&scot=b&scit=c&cluster=scopusby%2c%222013%22%2a&sl=59&st=TITLE:ABS-KEY%28Wood+fibers+characterization+by+TGA+analysis%29&relpos=4&citeCut=0&searchTerm=</p>	Scopus
7	<p>Title: ECOLOGICAL SYSTEM FOR WASTE FORMING SANDS IN FOUNDRIES RECYCLING Author(s): Dan, Viorel ; Nemes, Ovidiu ; Soporan, Vasile-Filip Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 53 Issue: 3 Pages: 77-80 Published: 2008</p>	1
1	<p>Title: Development of Environmental Technology for Carbon Fibre Reinforced Materials Recycling Author(s): Ceclan, Vasile Adrian; Bere, Paul; Borzan, Marian; et al. Source: MATERIALE PLASTICE Volume: 50 Issue: 2 Pages: 79-83 Published: JUN 2013</p>	WoS
8	<p>Title: Phenomenological fracture model for biaxial fibre reinforced composites Author(s): Bere, Paul; Berce, Petru; Nemes, Ovidiu Source: COMPOSITES PART B-ENGINEERING Volume: 43 Issue: 5 Pages: 2237-2243 DOI: 10.1016/j.compositesb.2012.01.073 Published: JUL 2012</p>	27
1	<p>Title: Application of Reverse Engineering for Redesigning and Manufacturing of a Printer Spare Part Author(s): Buransky, I., Morovic, I., Meterka, J., Source: Advanced Materials Research, Volume: 690 - 693, Pages: 2708-2712 Published: MAY 2013</p>	Scopus
2	<p>Title: Finite element analysis to improve the accuracy of parts made by stainless steel 316L material using selective laser melting technology Author(s): Pacurar, R.; Pacurar, A. Source: Applied Mechanics and Materials, Volume: 657, Pages: 236-240 Published: MAY 2014</p>	Scopus
3	<p>Title: Finite element analysis to predict the mechanical behavior of lattice structures made by selective laser melting technology Author(s): Pacurar, R.; Pacurar, A.; Petrilak, A.; Balci, N. Source: Applied Mechanics and Materials, Volume: 657, Pages: 231-235 Published: MAY 2014</p>	Scopus
4	<p>Title: Computational techniques for simulation of damage and failure in composite materials (Book Chapter) Author(s): Curial-Sosa, J.L., Brightoni, R., Serna Moreno, M.C., Barbieri, E. Source: Structural Integrity and Durability of Advanced Composites: Innovative Modelling Methods and Intelligent Design, pp. 199-219 Published: 2015</p>	Scopus

23	Title: Mechanic al design and manufacturing of high efficiency wormwood defoliator Author(s): Chu-Peng, Z., Dong, W., Jie, Z., Xue-Sheng, L., Dao-De, Z. Source: Academic Journal of Manufacturing Engineering. 18(1), pp. 104-112, 2020	BDI	Scopus
24	Title: Optimization and numerical analysis of mechanical properties of connecting rod in the internal combustion engine Author(s): Yahui, W., Shaoqun, X., Xu, L., Qi, W., Tao, Z. Source: Academic Journal of Manufacturing Engineering. 18(1), pp. 120-129, 2020	BDI	Scopus
25	Title: Dynamic analysis of high speed cam linkage mechanism of chocolate packaging machine Author(s): Deng, Y., Zhang, J., Zhu, T., Duan, T. Source: Academic Journal of Manufacturing Engineering. 18(1), pp. 79-84, 2020	BDI	Scopus
26	Title: Study on cad/capp integrated system for wire harness Author(s): Ruan, J., Zhou, X., Wang, W. Source: Academic Journal of Manufacturing Engineering. 18(1), pp. 205-212, 2020	BDI	Scopus
27	Title: Research on location optimization of automated warehouse under the background of intelligent manufacturing Author(s): Habbin, W., Huibin, W., Huiguo, D., Xia, L. Source: Academic Journal of Manufacturing Engineering. 18(1), pp. 164-173, 2020	BDI	Scopus
9	Title: The waste rubber used to improve the properties of composite materials Author(s): Nemes, Ovidiu; Lachaud, Frederic; Piquet, Robert; et al. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 53 Issue: 3 Pages: 25-30 Published: 2008		2
1	Title: Wood fibers characterization by TGA analysis Author(s): Iurian, A.M., Perhaita, I., Seplelean, R., Saponar, A., Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 1 Pages: 141-149 Published: 2013 https://www.scopus.com/record/display.uri?eid=2-s2.0-8487832599&origin=resultslist&sort=cp-f&src=&stl=Wood+fibers+characterization+by+TGA+analysis&nl=&ntr=&nls=&sid=894e348c15c650185cc003e67b121e6&scot=b&sdt=c1&cluster=scopuby%2e%222013%22%2ct&stl=59&s=TITLE-A&KEY%28Wood+fibers+characterization+by+TGA+analysis&relpos=4&citeCnt=0&searchTerm=	ISI	Scopus
1	Title: Wood fibers characterization by TGA analysis Author(s): Tiuc, Ancuta Elena; Vasile, Ovidiu; Vermesan, Horatiu; et al. Source: MATERIALE PLASTICE Volume: 55 Issue: 3 Pages: 419-422 Published: 2018	ISI	WoS
10	Title: Determinarea Proprietăților Fonoabsorbante Ale Unor Noi Materiale Compozite Realizate Din Dreyuri [Determination of the sound absorption properties of some new composite materials obtained from wastes] Author(s): Tiuc, A.B., Rusu, T., Ionescu, S., Nemeș, O. Source: Revista Romana de Materiale/ Romanian Journal of Materials 42 (4), pp. 405-414, Published: 2012		4
1	Title: Wood fibers characterization by TGA analysis Author(s): Iurian, A.M., Perhaita, I., Seplelean, R., Saponar, A., Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 1 Pages: 141-149 Published: 2013	ISI	Scopus/WoS
2	Title: BIOCOSMPOSITE STRUCTURES AS SOUND ABSORBER MATERIALS Author(s): Yilmaz, Nazire Deniz; Powell, Nancy B. Source: GREEN BIORENEWABLE BIOCOSMOSITES: FROM KNOWLEDGE TO INDUSTRIAL APPLICATIONS Pages: 161-198, Published: 2015	Book	WoS
3	Title: Acoustic optimization of a music practice classroom Author(s): Tănăs-Gavrea, D.-R., Munteanu, C., Fernea Iștoan, R., Loughin, A. Source: Procedia Manufacturing Volume: 32 Pages: 167-170 Published: 2019	BDI	Scopus
4	Title: Modeling the machined surface quality of an aluminum alloy using the active experiment type Author(s): Pop, A.B., Tițu, M.A., Pop, G.I., Tițu, S. Source: IOP Conference Series: Materials Science and Engineering Volume: 572(1) Pages: 012043 Published: 2019	BDI	Scopus
11	Title: Effects of 2-ethylhexyl nitrate on auto-ignition and combustion qualities of rapeseed oil Author(s): Cordos, N., Bere, P., Nemeș, O. Source: Studia Universitatis Babeş-Bolyai Chemia 57(1), pp. 175-184, Published: 2012		4
1	Title: Fast determination of 2-ethylhexyl nitrate in diesel oils by infrared spectrometry Author(s): Bajerova, P., Bajer, T., Adam, M., Eisner, A., Ventura, K. Source: FUEL Volume: 117 Pages: 911-916 Part: B Published: JAN 2014	ISI	Scopus/WoS
2	Title: Liquid densities and excess molar volumes of ethanol + biodiesel binary system between the temperatures 273.15 K and 333.15 K Author(s): Barabas, I. Source: Journal of Molecular Liquids Volume: 204 Pages: 95-99 Published: APR 2015	ISI	Scopus

3	<p>Title: 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 Author(s): Cano-Gómez, J.J., Iglesias-Silva, G.A., Rivas, P., Díaz-Ovalls, C.O., De Jesús Cerino-Córdova, F. Source: Journal of Chemical and Engineering Data, 62(10), pp. 3391-3400 Published: 2017</p> <p>Title: 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 Author(s): Vargas-Ibáñez, L.T., Iglesias-Silva, G.A., Cano-Gómez, J.J., Escamilla-Alvarado, C., Bertrones-Eguituz, M.A. Source: Journal of Chemical and Engineering Data, 63(7), pp. 2438-2450 Published: 2018</p>	ISI	Scopus/WoS
4	<p>Title: Synthesis and characterization of cordierite for diesel filters Author(s): Gorea, M.; Rujoni, I.O.; Iar, N.; Benea, M.I. Source: Studia Universitatis Babeş-Bolyai Chimia 58(4), pp. 71-80, Published: 2013</p> <p>Title: AN ECOLOGICAL TREATMENT METHOD FOR IFOSEAMIDE CONTAMINATED WASTE WATER RESULTING FROM ONCOLOGICAL THERAPY Author(s): Ordođi, V.; Pana, A.M.; Dumitrel, A.; Hladuaga, D.; Tamas, A.; Pođe, V.; Todca, A.; Paunescu, V.; Negru, S.; Source: Studia Universitatis Babeş-Bolyai Chimia 65(1), pp. 267-277, Published: 2020</p>	ISI	Scopus/WoS
12	<p>Title: Characterisation of generated ash from hazardous waste incineration Author(s): Coşis, E.A.; Soporan, V.F.; Ilea, P.; Imre-Lucei, F.; Soporan, B.M.; Bere, P.; Nemes, O. Source: Studia Universitatis Babeş-Bolyai Chimia 57(2), pp. 147-156, Published: 2012</p>		2
13	<p>Title: Porosity change by resin impregnation in structures obtained by selective laser sintering technology Author(s): Păcurar, R., Păcurar, A., Bere, P., Băle, N., Nemes, O. Source: Studia Universitatis Babeş-Bolyai Chimia (3), pp. 5-13, Published: 2012</p>	ISI	WoS
14	<p>Title: Production of composite material by FDM rapid prototyping technology Author(s): Novakova- Marcincinova, Ludmila; Novák-Marcincin, Jozef Source: Applied Mechanics and Materials, Volume: 474, Pages: 186-191 Published: 2014</p> <p>Title: Testing of ABS material tensile strength for fused deposition modelling rapid prototyping method Author(s): Novakova- Marcincinova, Ludmila; Novák-Marcincin, Jozef Source: Advanced Materials Research, Volume: 912-914, Pages: 370-373 Published: 2014</p> <p>Title: Production of abs-aramid composite material by fused deposition modelling rapid prototyping system Author(s): Novakova- Marcincinova, Ludmila; Novák-Marcincin, Jozef Source: Manufacturing Technology, Volume: 15, Issue 1, Pages: 85-91 Published: MAR 2014</p> <p>Title: Application of Reverse Engineering for Redesigning and Manufacturing of a Printer Spare Part Author(s): Buransky, I., Morovic, L., Meierka, J., Source: Advanced Materials Research, Volume: 690 - 693, Pages: 2708-2712 Published: MAY 2013</p>	BDI	Scopus/WoS
14	<p>Title: Industrial tanned leather waste embedded in modern composite materials Author(s): Popita, G.E., Rosu, C., Mancuța, D., Corbu, O., Popovici, A., Nemes, O., Sandu, A.V., Prooroc, M., Dan, S.B. Source: Materiale Plastice, 53(2), pp. 308-311, 2016</p>	BDI	WoS
1	<p>Title: The effect of gamma irradiation on shrinkage activity of collagen in vegetable tanned leather Author(s): Sendrea, C., Carsote, C., Radu, M., Badoea, E., Mbu, L. Source: Revista de Chimie, 68(7), pp. 1535-1538, 2017</p>	ISI	Scopus/WoS
2	<p>Title: Hazardous private healthcare waste management and forecast of medical waste generation Author(s): Debita, M., Musat, C., Mereuta, E., (...), Fulga, I., Gancea, D. Source: Revista de Chimie, 68(9), pp. 2048-2051, 2017</p>	ISI	Scopus/WoS
3	<p>Title: Solid Waste Management on Romanian Households Author(s): Ungureanu, G., Ignat, G., Leonic, E., (...), Donosa, D., Begjariu, C. Source: Revista de Chimie, 68(12), pp. 2941-2947, 2017</p>	ISI	Scopus/WoS
4	<p>Title: Sound absorbing insulating composites based on polyurethane foam and waste materials Author(s): Tuc, A.E., Vasile, O., Vormcsan, H., Andrei, P.M. Source: Materiale Plastice, 55(3), pp. 419-422, 2018</p>	ISI	Scopus/WoS
5	<p>Title: Film-forming ability of collagen hydrolysate extracted from leather solid wastes with chitosan Author(s): Ocak, B. Source: Environmental Science and Pollution Research, 25(5), pp. 4643-4655, 2018</p>	ISI	Scopus/WoS
6	<p>Title: Influence of Kaolin in Fly Ash Based Geopolymer Concrete: Destructive and Non-Destructive Testing Author(s): Yahya, Z., Abdullah, M.M.A.B., Mohd Ramli, N., Burduhos-Nergis, D.D., Abd Razak, R. Source: IOP Conference Series: Materials Science and Engineering, 374(1),012068, 2018</p>	BDI	Scopus/WoS

		ISI	Scopus/WoS
7	<p>Title: Structural and magnetic relaxation of Fe61 Co10 Y8 Mo1 B20 bulk amorphous alloy obtained using two methods Author(s): Pietrusiewicz, P., Nabialek, M., Jez, B. Source: <i>Revista de Chimie</i>, 69(8), pp. 2097-2101, 2018</p> <p>Title: The active screen influence of edge effect in plasma nitriding Author(s): Perju, M.C., Axinte, M., Nejeru, C., Cimpoesu, N., Tugui, C.A. Source: IOP Conference Series: Materials Science and Engineering, 69(8), pp. 2097-2101, 2018</p>	ISI	Scopus/WoS
8	<p>Title: Design and analysis of carbon/epoxy composite bicycle handlebar Author(s): Bere P., Dudescu M.C., Balc N., Berce P., Iurian A.M., Nemes O. Source: <i>Materiale Plastice</i>, 51 (2), pp. 145-149, 2014</p>	BDI	Scopus/WoS
15	<p>Title: The analysis of homogeneity of the chemical composition in castings made of aluminum alloy Author(s): Dobrota, D., Titu, M.A., Dobrita, F., Petrescu, V. Source: <i>Revista de Chimie</i>, 67(3), pp. 520-523, 2016</p> <p>Title: Numerical analysis of strength properties of anatomical general surgical tweezers Author(s): Sliwa, A., Stoka, M., Zukowska, L., (...), Vizureanu, P., Sandu, A.V. Source: <i>Revista de Chimie</i>, 69(1), pp. 187-190, 2018</p> <p>Title: Investigation on adaptability of carbon fiber tube for serial manipulator Author(s): Kuthikyan, P., Sabarianand, D.V., Suganthan, S. Source: <i>EME Transactions</i>, 47(3), pp. 412-417, 2019</p> <p>Title: Influence of isothermal heating on the Curie temperature of FeCoB bulk amorphous alloy Author(s): Jez, K., Jez, B., Pietrusiewicz, P. Source: <i>Revista de Chimie</i>, 70(9), pp. 3158-3162, 2019</p> <p>Title: A study of two dimensional metal carbide MXene Ti3C2 synthesis, characterization conductivity and radiation properties Author(s): Rasid, Z.A.M., Omar, M.F., Nazari, M.F.M., (...), Sandu, A.V., Al Bakri Abdullah Mohd, M. Source: <i>Materiale Plastice</i>, 56(3), pp. 635-640, 2019</p> <p>Title: Study to achieving a class of road concrete with slag powder addition at the cement mass and substitution with artificial aggregates Author(s): Nicula, L.M., Corbu, O., Iliescu, M. Source: IOP Conference Series: Materials Science and Engineering, 572(1), pp. 012067, 2019</p>	ISI	Scopus
2	<p>Title: Numerical analysis of strength properties of anatomical general surgical tweezers Author(s): Sliwa, A., Stoka, M., Zukowska, L., (...), Vizureanu, P., Sandu, A.V. Source: <i>Revista de Chimie</i>, 69(1), pp. 187-190, 2018</p>	ISI	Scopus
3	<p>Title: Investigation on adaptability of carbon fiber tube for serial manipulator Author(s): Kuthikyan, P., Sabarianand, D.V., Suganthan, S. Source: <i>EME Transactions</i>, 47(3), pp. 412-417, 2019</p>	BDI	Scopus
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5	<p>Title: A study of two dimensional metal carbide MXene Ti3C2 synthesis, characterization conductivity and radiation properties Author(s): Rasid, Z.A.M., Omar, M.F., Nazari, M.F.M., (...), Sandu, A.V., Al Bakri Abdullah Mohd, M. Source: <i>Materiale Plastice</i>, 56(3), pp. 635-640, 2019</p>	ISI	Scopus
6	<p>Title: Study to achieving a class of road concrete with slag powder addition at the cement mass and substitution with artificial aggregates Author(s): Nicula, L.M., Corbu, O., Iliescu, M. Source: IOP Conference Series: Materials Science and Engineering, 572(1), pp. 012067, 2019</p>	BDI	Scopus
7	<p>Title: Determination of Field Temperature for Composite Materials Using Empirical Methods Author(s): Chusea, G.N., Potra, T., Ceclan, V., Grozav, S.D. Source: <i>Lecture Notes in Mechanical Engineering</i>, pp. 416-421, 2020</p>	BDI	Scopus
8	<p>Title: Design improvement and fatigue analysis for a bicycle handlebar stem system using uniform design method and genetic algorithm Author(s): Jiang, C.-P., Wu, C.-W., Cheng, Y.-C. Source: <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i>, 2020</p>	BDI	Scopus
16	<p>Title: A study on the corrosion resistance of bronzes covered with artificial patina Author(s): Sabau Chelaru J.D., Muresan L.M., Soporan V.F., Nemes O., Kolozsi T. Source: <i>International Journal of Conservation Science</i>, 2 (2), pp. 109-116, 2011</p>		5
1	<p>Title: Corrosion stability of corrosion products on an archaeological iron artefact Author(s): Jegdic, B., Polje-Radovanovic, S., Ristic, S., Atil, A. Source: <i>International Journal of Conservation Science</i>, 3(4), pp. 241-248, 2012</p>	BDI	Scopus
2	<p>Title: Protection of artistic bronzes by artificial patina and wax Author(s): Chelaru, J.D., Barbu-Tudoran, L., Muresan, L.M. Source: <i>Studia Universitatis Babeş-Bolyai Chimia</i>, 58(4), pp. 173-182, 2013</p>	ISI	Scopus
3	<p>Title: The effectiveness of wax in protection of bronzes covered with artificial patina in outdoor exposure Author(s): Chelaru, J.D., Barbu-Tudoran, L., Muresan, L.M. Source: <i>Studia Universitatis Babeş-Bolyai Chimia</i>, 60(3), pp. 151-162, 2015</p>	ISI	Scopus
4	<p>Title: In Situ Electrochemical Impedance Spectroscopy Measurements and their Interpretation for the Diagnostic of Metallic Cultural Heritage: A Review Author(s): Ramirez Barat, B., Cano, E. Source: <i>ChemElectroChem</i>, 5(19), pp. 2698-2716, 2018</p>	ISI	Scopus

5	Title: Smart electrochemical portable tools for cultural heritage analysis: A review Author(s): Valentini, E. Source: <i>Sensors (Switzerland)</i> , 19(19), pp. 4303, 2019	ISI	Scopus
17	Title: Investigation of a naturally patinated bronze artifact originating from the outdoor statutory group of Mathias Rex Author(s): Chelaru J.D., Muresan L.M., Soporan V.F., Nemes O., Barbu-Tudoran L. Source: <i>Journal of Cultural Heritage</i> , 15 (5), pp. 546-549, 2014	ISI	2
	1 Title: 2-mercapto-5-acetyl-amino-1,3,4-thiadiazole as corrosion inhibitor for a naturally patinated monumental bronze artifact Author(s): Chelaru, J.D., Muresan, L.M. Source: <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 59(3), pp. 91-102, 2014	ISI	Scopus/WoS
	2 Title: PVA hydrogel as polymer electrolyte for electrochemical impedance analysis on archaeological metals Author(s): Di Turo, F., Matricardi, P., Di Meo, C., (...), Favero, G., Zane, D. Source: <i>Journal of Cultural Heritage</i> , 2019	ISI	Scopus/WoS
18	Title: Analytical model application for adhesive cylindrical assemblies made by hybrid materials Author(s): Nemes O. Source: <i>Materiale Plastics</i> , 50 (4), pp. 314-318, 2013	ISI	3
	1 Title: Finite element method application for the determination of hardness for magnesium alloys Author(s): Sliwa, A., Stoka, M., Bloch, K., (...), Bakri Abdullah, M.M.A., Sandu, A.V. Source: <i>Revista de Chimie</i> , 69(2), pp. 324-327, 2018	ISI	Scopus
	2 Title: Numerical analysis of strength properties of anatomical general surgical tweezers Author(s): Sliwa, A., Stoka, M., Zukowska, L., (...), Vizurcanu, P., Sandu, A.V. Source: <i>Revista de Chimie</i> , 69(1), pp. 187-190, 2018	ISI	Scopus
	3 Title: Bolted fibre-reinforced polymer flange joints for pipelines: A review of current practice and future challenges Author(s): Aljuboury, M., Rizvi, M.J., Grove, S., Cullen, R. Source: <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 233(8), pp. 1698-1717, 2018	BDI	Scopus
19	Title: Gas analysis of municipal landfill emissions Author(s): Vac Soporan M.B., Soporan V.F., Cociş E.A., Bătrînescu C., Nemes O. Source: <i>Studia Universitatis Babeş-Bolyai Chemia</i> , (3), pp. 23-30, 2012	ISI	1
	1 Title: Case studies of methane dispersion patterns and odor strength in vicinity of municipal solid waste landfill of Cluj-Napoca, Romania, using numerical modeling Author(s): Soporan, V.F., Născuțiu, L., Soporan, B., Pavai, C. Source: <i>Atmospheric Pollution Research</i> , 6(2), pp. 312-321, 2015	ISI	Scopus
20	Title: New materials from waste glass fibre Author(s): Sabau E., Bale N., Bere P., Nemes O. Source: <i>Studia Universitatis Babeş-Bolyai Chemia</i> , (4), pp. 201-208, 2012	ISI	1
	1 Title: Sound absorbing insulating composites based on polyurethane foam and waste materials Author(s): Truc, A.L., Vasile, O., Vermesan, H., Andrei, P.M. Source: <i>Materiale Plastice</i> , 55(3), pp. 419-422, 2018	ISI	Scopus
21	Title: Adhesive fracture in double-lap adhesive assemblies Author(s): Nemes O., Chiper A.M., Rus A.R., Tataru O., Soporan B.M., Bere P. Source: <i>Studia Universitatis Babeş-Bolyai Chemia</i> , (4), pp. 249-254, 2011	ISI	1
	1 Title: Structural and magnetic relaxation of Fe61 Co10 Y8 Mo1 B20 bulk amorphous alloy obtained using two methods Author(s): Pietrusiewicz, P., Nabialek, M., Jez, B. Source: <i>Revista de Chimie</i> , 69(8), pp. 2097-2101, 2018	ISI	Scopus
22	Title: New sound absorbent composite materials based on sawdust and polyurethane foam Author(s): Truc A.E., Nemes O., Vermesan H., Toma A.C. Source: <i>Composites Part B: Engineering</i> , 165, pp. 120-130, 2019	BDI	13
	1 Title: An experimental analysis on wood and polymer composite Author(s): Beun, S., Sahoo, S.N. Source: <i>International Journal of Mechanical and Production Engineering Research and Development</i> 9(3), pp. 1541-1546, 2019	BDI	Scopus

2	<p>Title: A review on natural and waste material composite as acoustic material Author(s): Bhingare, N.H., Prakash, S., Iwari, V.S. Source: Polymer Testing, X, pp. XX-XX, 2019</p>	ISI	Scopus
3	<p>Title: Studies on galvanic corrosion of metallic materials in marine medium Author(s): Nejeru, C., Savin, C., Popu, M.C., (...), Costea, M., Bejinariu, C. Source: IOP Conference Series: Materials Science and Engineering, 572(1), pp. 012106, 2019</p>	BDI	Scopus
4	<p>Title: Ultralight and Resilient Electrospun Fiber Sponge with a Lamellar Corrugated Microstructure for Effective Low-Frequency Sound Absorption Author(s): Cao, L., Si, X., Yin, X., Yu, J., Ding, B. Source: ACS Applied Materials and Interfaces, 11(38), pp. 35333-35342, 2019</p>	ISI	Scopus
5	<p>Title: The influence of environmentally friendly flame retardants on the thermal stability of phase change polyurethane foams Author(s): Liu, D., Hu, A. Source: Materials, 13(3), pp. 520, 2020</p>	ISI	Scopus
6	<p>Title: Experimental investigations on the performances of composite building materials based on industrial crops and volcanic rocks Author(s): Işoan, R., Tîmariş-Gavrea, D.R., Măneş, D.L. Source: Crystals, 10(2), pp. 1020, 2020</p>	ISI	Scopus
7	<p>Title: Improving and optimizing sound absorption performance of polyurethane foam by prepositive microperforated polymethyl methacrylate panel Author(s): Yang, X., Shen, X., Duan, H., (...), Pan, M., Yin, Q. Source: Applied Sciences (Switzerland), 10(6), pp. 2105, 2020</p>	ISI	Scopus
8	<p>Title: Sound-Absorbing Polymer Composite Materials for Construction Purposes Author(s): Nigmatullina, A.L., Galimzyanova, R.Y., Khakimullin, Y.N., Svyatskov, A.A. Source: IOP Conference Series: Materials Science and Engineering, 733(5), pp. 052027, 2020</p>	BDI	Scopus
9	<p>Title: In situ self-assembly of zeolitic imidazolate frameworks on the surface of flexible polyurethane foam: Towards for highly efficient oil spill cleanup and fire safety Author(s): Zhao, S., Yin, L., Zhou, Q., Liu, C., Zhou, K. Source: Applied Surface Science, 506, pp. 144700, 2020</p>	ISI	Scopus
10	<p>Title: Effects of structural design including cellular structure precision controlling and sharp holes introducing on sound absorption behavior of polyimide foam Author(s): Ren, X., Wang, J., Sun, G., (...), Liu, J., Han, S. Source: Polymer Testing, 84, pp. 106395, 2020</p>	ISI	Scopus
11	<p>Title: Auxetic graphene oxide-porous foam for acoustic wave and shock energy dissipation Author(s): Oh, J.-H., Kim, J.-S., Nguyen, V.H., Oh, I.-K. Source: Composites Part B: Engineering, 186, pp. 107817, 2020</p>	ISI	Scopus
12	<p>Title: Microstructural design, manufacturing and dual-scale modelling of an adaptable porous composite sound absorber Author(s): Opieła, K.C., Zieliński, T.G. Source: Composites Part B: Engineering, 187, pp. 107833, 2020</p>	ISI	Scopus
13	<p>Title: Polyurethane composite foams including CaCO3 fillers for enhanced sound absorption and compression properties Author(s): Choe, H., Lee, J.H., Kim, J.H. Source: Composites Science and Technology, 197, pp. 108153, 2020</p>	ISI	Scopus
23	<p>Title: Thermal behaviour of polyurethane matrix composite materials Author(s): Tîc A.E., Nemes O., Perhaita I., Vermesan H., Gabor T., Dan V. Source: Studia Universitatis Babeş-Bolyai Chemia, 60(2), pp. 169-176, 2015</p>		4
1	<p>Title: Antibiotic encapsulated nanomaterials with application in medical area Author(s): Luca, A.C., Duceac, L.D., Mitrea, G., (...), Bănu, E.A., Iordache, A.C. Source: Materiale Plactice, 55, pp. 552-554, 2018</p>	ISI	Scopus
2	<p>Title: Magnetic properties of FeCo WYB-based ferromagnetic alloys with a small addition of Pt Author(s): Pietrusiewicz, P. Source: Revista de Chimie, 69(12), pp. 3386-3388, 2018</p>	ISI	Scopus
3	<p>Title: The choice of recycling methods for single-polymer polyester composites Author(s): Gawdzińska, K., Nabialek, M., Sandu, A.V., Bryll, K. Source: Materiale Plactice, 55, pp. 658-665, 2018</p>	ISI	Scopus
4	<p>Title: Microstructure and properties of HEA coating Author(s): Florea, R.M. Source: IOP Conference Series: Materials Science and Engineering, 572(1), pp. 012016, 2019</p>	BDI	Scopus

<p>24 Title: Adhesive influence modeling on double-lap joints assemblies Author(s): Nemes O. Source: Studia Universitatis Babes-Bolyai Chemia, 52(4) , pp. 175-181, 2007</p>	<p>1 Title: The Choice of Recycling Methods for Single-Polymer Polyester Composites Author(s): Gawdzinska, Katarzyna; Nabialek, Marcin; Sandu, Andrei Victor; et al. Source: Materiale Plastice, 55(4), pp. 658-665, 2018</p>	<p>2 Title: Band GAP Frequency Response in Regular Phononic Crystals Author(s): Garus, Sebastian; Szota, Michal Source: Revista de Chimie, 69(12), pp. 3372-3375, 2019</p>	<p>3 Title: The Structure and Magnetic Properties of Bulk Amorphous FeCoYB Alloys Author(s): Bloch, Katarzyna; Talar, Mateusz Source: Revista de Chimie, 70(1), pp. 245-247, 2019</p>	<p>3</p>
<p>2 - Articol în reviste BDI citate ISI / BDI</p>				
<p>Nr. Crt.</p>	<p>Articol citat / Articol care citeaza</p>	<p>Tip citare</p>	<p>Baza de date in care apare</p>	<p></p>
<p>1</p>	<p>Title: A study on the corrosion resistance of bronzes covered with artificial patina Author(s): Sabau Chelaru J.D., Muresan L.M., Soporan V.F., Nemes O., Kolozi T. Source: International Journal of Conservation Science, 2 (2) , pp. 109-116, Published: 2011</p>	<p>BDI</p>	<p>Scopus</p>	<p>5</p>
<p>2</p>	<p>1 Title: Corrosion stability of corrosion products on an archaeological iron artefact Author(s): Jegdić, B., Polić-Radevanović, S., Ristić, S., Alić, A. Source: International Journal of Conservation Science 3 (4) , pp. 241-248, Published: 2012</p> <p>2 Title: Protection of artistic bronzes by artificial patina and wax Author(s): Chelaru, J.D.; Barbu-Tudoran, L.; Muresan, L.M. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 4 Pages: 173-182 Published: 2013</p> <p>3 Title: The effectiveness of wax in protection of bronzes covered with artificial patina in outdoor exposure Author(s): Chelaru, J.D.; Barbu-Tudoran, L.; Muresan, L.M. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 60(3) Pages: 151-162 Published: 2015</p> <p>4 Title: In Situ Electrochemical Impedance Spectroscopy Measurements and their Interpretation for the Diagnostic of Metallic Cultural Heritage: A Review Author(s): Ramirez Barat, B., Cano, E. Source: ChemElectroChem 5(19) , pp. 2698-2716, Published: 2018</p> <p>5 Title: Smart electrochemical portable tools for cultural heritage analysis: A review Author(s): Valentini, E. Source: Sensors (Switzerland) 19(19) , pp. 4303, Published: 2019</p>	<p>BDI ISI BDI ISI ISI</p>	<p>Scopus Scopus Scopus Scopus Scopus</p>	<p>4</p>
<p>2</p>	<p>Title: Research on Recycling Mixed Wastes Based on Fiberglass and Organic Resins Author(s): Platon M.A., Stef M., Popa C., Tiuc A.E., Nemes O. Source: IOP Conference Series: Materials Science and Engineering, 374 (1) , art. no. 012065, Published: 2018</p>	<p>ISI</p>	<p>Scopus/WoS</p>	<p>4</p>
<p>1</p>	<p>Title: Sound absorbing insulating composites based on polyurethane foam and waste materials Author(s): Tiuc, A.E., Vasile, O., Vermesan, H., Andrei, P.M. Source: Materiale Plastice, 55(3), pp. 419-422 Published: 2018</p>	<p>ISI</p>	<p>Scopus/WoS</p>	<p>4</p>
<p>2</p>	<p>Title: Magnetic properties of FeCoWYB-based ferromagnetic alloys with a small addition of Pt Author(s): Pietrusiewicz, P. Source: Revista de Chimie, 69(12), pp. 3386-3388 Published: 2018</p>	<p>ISI</p>	<p>Scopus/WoS</p>	<p>4</p>
<p>3</p>	<p>Title: The choice of recycling methods for single-polymer polyester composites Author(s): Gawdzinska, K., Nabialek, M., Sandu, A.V., Bryll, K. Source: Materiale Plastice, 55(4), pp. 658-665 Published: 2018</p>	<p>ISI</p>	<p>Scopus/WoS</p>	<p>4</p>
<p>4</p>	<p>Title: Simulation of solidification process of cast-iron and aluminum materials Author(s): Mihai, D., Cimpoeșu, N., Manolă, V. Source: IOP Conference Series: Materials Science and Engineering, 572(1), pp. 012020 Published: 2019</p>	<p>BDI</p>	<p>Scopus</p>	<p>4</p>
<p>3</p>	<p>Title: Fabrication and mechanical characterization of short fiber-glass epoxy composites Author(s): Bere P., Dudescu M., Neamtu C., Nemes O., Moldovan C., Simion M. Source: Materials Performance and Characterization, 8 (1) , pp. 163-174, Published: 2019</p>	<p>BDI</p>	<p>Scopus</p>	<p>2</p>

	<p>1 Title: Experimental response of nonwoven waste cellulose fabric-reinforced epoxy composites for high toughness and coating applications Author(s): Rastogi, S., Verma, A., Singh, V.K. Source: Materials Performance and Characterization Volume: 9(1) Pages: 151-172 Published: 2020</p> <p>1 Title: Effect of silica sand filler on mechanical properties of epoxy grout for composite repair of steel pipelines Author(s): Azmaï, S.N.A., Jim, K.S., Yahya, N., (...), Abu Husain, M.K., Noor, N.M.D. Source: Materials Performance and Characterization Volume: 9(1) Pages: 1-8 Published: 2020</p>	BDI	Scopus/WoS
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3 - Teza de doctorat citată ISI / BDI

Nr. Crt.	Articol citat / Articol care citeaza	Tip citare	Baza de date in care apare
1	<p>Title: Contribution à l'étude des assemblages collés cylindriques et plans Author: Nemes O. Source: INSA Toulouse, France, Published: 2004</p> <p>1 Title: Non-linear failure criteria for a double lap bonded joint Author(s): Chataigner, S., Caron, J.F., Diaz-Diaz, A., Aubagnac, C., Benzarti, K., Source: INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES Volume: 30 Pages: 26-35 DOI: 10.1016/j.ijadhadh.2009.06.007, Published: JAN 2010 https://www.scopus.com/record/display.url?eid=2-s2.0-70349969871&origin=resultslist&sort=cp-℔src=s&stl=Non-linear+failure+criteria+for+a+double+l+ap+bonded+joint&lo-℔nr=&nls=&sid=54cd15c38978555cde8c6b6a4157ced8&sort=b&stl=c℔cluster=scopus&pub%2e%222010%22%2c&stl=72&stl=TITLE-ABS-KEY%28Non-linear+failure+criteria+for+a+double+l+ap+bonded+joint%29&relpos=0&citeCnt=25&searchTerm="</p>	ISI	Scopus

4 - Cărți citate ISI / BDI

Nr. Crt.	Articol citat / Articol care citeaza	Tip citare	Baza de date in care apare
1	<p>Soporan, V.F., Mărginean, I., Dan, V., Ciobanu, I., Carcea, I., Bratu, C., Rîș-Mihoc, E., Crișan, A., Chelaru, R., Firescu Lucia, Lehen, I., Munteanu, S., Nemeș, O., Roman Maria, Păvai, C., Bebo, I., Pușan, V., Vamoș, C., Monescu, V., Țârlea, P., Modelarea matematică a proceselor care au loc la turnarea pieselor metalice, Editura Casa Cărții de Știință, Cluj-Napoca, 2008, ISBN 978-973-133-059-4.</p> <p>1 Title: 2D mathematical model for the solidification of alloys within a temperature interval Author(s): Ionescu, D., Ciobanu, I., Munteanu, S.I., Crișan, A., Monescu, V. Source: Metalurgia International Volume: 16, Issue (4) Pages: 39-44, Published: JAN 2010 https://www.scopus.com/record/display.url?eid=2-s2.0-79954941966&origin=resultslist&sort=cp-℔src=s&stl=:2D+mathematical+model+for+the+solidification+of+alloys+within+a+temperature+interval&st2-℔sid=cb31dc0cc65469018469683cb01311d&sort=b&stl=b&stl=99&stl=TITLE-ABS-KEY%282D+mathematical+model+for+the+solidification+of+alloys+within+a+temperature+interval%29&relpos=1&citeCnt=5&searchTerm="</p>	ISI	Scopus
2	<p>Iancu, H., Nemeș, O., MATERIALE COMPOZITE - Concepte și Fabricație, Editura MEDIAMIRA, Cluj-Napoca, 2003, ISBN 973-9357-06-7.</p> <p>1 Title: Failure model for unidirectional fiber reinforced composites Author(s): Sabau, E., Iancu, H., Iancu, L., Borzan, M., Grigoras, S. Source: MATERIALE PLASTICE Volume: 47 Issue: 2 Pages: 215-2183 Published: 2010 https://www.scopus.com/record/display.url?eid=2-s2.0-78049523642&origin=resultslist&sort=cp-℔src=s&stl=Failure+model+for+unidirectional+fiber+reinforced+composites&nlo-℔nr=&nls=&sid=c89fb6e156f6ebc18972d8804c530404&sort=b&stl=sir&stl=76&stl=TITLE-ABS-KEY%28Failure+model+for+unidirectional+fiber+reinforced+composites%29&relpos=0&citeCnt=5&searchTerm="</p> <p>2 Title: The Influence of Reinforced Materials and Manufacturing Procedures on the Mechanical Characteristics of Polymeric Composite Materials Author(s): Iancu, H., Bere, P., Borzan, M., Iancu, L., Crai, A. Source: MATERIALE PLASTICE Volume: 45 Issue: 3 Pages: 251-256 Published: 2008 https://www.scopus.com/record/display.url?eid=2-s2.0-54349109356&origin=resultslist&sort=cp-℔src=s&stl=The+Influence+of+Reinforced+Materials+and+Manufacturing+Procedures+on+the+Mechanical+Characteristics+of+Polymeric+Composite+Materials+&st2-℔sid=29da0942cd7578f9b826de1850de2f9&sof=b&stl=b&stl=149&stl=TITLE-ABS-KEY%28The+Influence+of+Reinforced+Materials+and+Manufacturing+Procedures+on+the+Mechanical+Characteristics+of+Polymeric+Composite+Materials%29&relpos=0&citeCnt=9&searchTerm="</p>	ISI	Scopus

3	<p>Title: Preparation of aerospace grade carbon fibrous laminated composite panels with improved performance and reduced fabrication process defects and flaws</p> <p>Author(s): Farooq, U., Myler, P.</p> <p>Source: ARPN Journal of Engineering and Applied Sciences, 12(4), pp. 1128-1143. Published: 2017</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-83014104199&origin=resultslist&sort=ep-f&src=s&st1=ARPN+Journal+of+Engineering+and+Applied+Sciences&nlo=&nlt=&aid=2e2c8e013807cc03320cb4e05c33cf&soi-b&sd1=sisc&cluster=scopusby%2c%222017%22%22%2c&sl=58&s=SRC+TITLE%28ARPN+Journal+of+Engineering+and+Applied+Sciences%29&ref=%28Preparation+of+aerospace+grade+carbon+fibrous+laminated+composite+panels+with+improved+performance+and+reduced+fabrication+process+defects+and+flaws%29&relpos=0&citeCnt=1&searchTerm="</p>	BDI	Scopus
4	<p>Title: Mechanical characteristics of composite materials obtained by different technologies</p> <p>Author(s): Sabău, F., Bălc, N., Bere, P.</p> <p>Source: Academic Journal of Manufacturing Engineering, 9 (4) , pp. 100-105. Published: 2011</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-84875888632&origin=resultslist&sort=plf-f&src=s&st1=Academic+Journal+of+Manufacturing+Engineering&nlo=&nlt=&sid=580772ab148a3cf9814047c3296dte2&soi-b&sd1=c&cluster=scopusby%2c%222011%22%22%2c&sl=55&s=SRC+TITLE%28Academic+Journal+of+Manufacturing+Engineering%29&relpos=55&citeCnt=3&searchTerm="</p>	BDI	Scopus
5	<p>Title: Researches regarding the mechanical behaviour of some polymer composite structures</p> <p>Author(s): Florea, C., Iancu, H., Hancu, L., Coțea, Ș.</p> <p>Source: Academic Journal of Manufacturing Engineering, 12(3), pp. 78-83. Published: 2014</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-84930359760&origin=resultslist&sort=ep-f&src=s&st1=Academic+Journal+of+Manufacturing+Engineering&nlo=&nlt=&sid=5774e0feaf8b566350a65e0e7&soi-b&sd1=c&cluster=scopusby%2c%222014%22%22%2c&sl=55&s=SRC+TITLE%28Academic+Journal+of+Manufacturing+Engineering%29&relpos=38&citeCnt=0&searchTerm="</p>	BDI	Scopus

5 - Articole în Conferințe citate ISI / BDI

Nr. Crt.	Articol citat / Articol care citeaza	Tip citare	Baza de date in care apare
1	<p>Title: Procédés de mise en oeuvre et délamination des stratifiés en carbone/époxyde</p> <p>Author(s): Surcin, L., Lachaud, L., Piquet, R., Nemes, O.</p> <p>Source: Transaction des JNC13, Strasbourg, France, Published: 2003</p>	ISI	1
	<p>Title: Effect of the loading rate on mode I interlaminar fracture toughness of laminated composites</p> <p>Author(s): Hug, G., Thevenet, P., Fitoussi, J., Baptiste, D.</p> <p>Source: Engineering Fracture Mechanics Volume: 73, Issue: 16. Pages: 2456-2462. DOI: /10.1016/j.engfracmech.2006.05.019. Published: NOV 2006</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-33747251602&origin=resultslist&sort=ep-f&src=s&st1=Effect+of+the+loading+rate+on+mode+I+interlaminar+fracture+toughness+of+laminated+composites+est2=&sid=dc668b09667291d066c39e3ea9663db&soi-b&sd1=b&stf=b&stf=108&s=TITLE-ABS-KEY%28Effect+of+the+loading+rate+on+mode+I+interlaminar+fracture+toughness+of+laminated+composites%29&relpos=1&citeCnt=31&searchTerm="</p>		Scopus