

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 candidatei **Dr.Ing. Ancuta - Elena Tiuc** pentru ocuparea postului **Conferentiar poz. 6 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 Conferentiar universitar, domeniul Ingineria mediului.

Prof.Dr.Ing. Catalin Popa

Prof.Dr.Ing. Valer Micle

Prof.Dr.Fiz. Coriolan Tiusan

Nume: TIUC

Prenume: Ancuța-Elena

Grad didactic: Șef de lucrări

Concurs pentru: Conferențiar 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 autocitările

Concurs de Conferențiar / CS II

Standarde minimale (cumulative):

	Minimal	Realizat	Criteriu indeplinit	Procent realizare
a) NT \geq	15	18	DA	120,00%
b) NP \geq	6	9	DA	150,00%
NP cu IP>1	4	7	DA	175,00%
c) FIC ¹ \geq	12	22,02	DA	183,50%
d) NC \geq	60	145	DA	241,67%

¹ În acest caz în calculul FIC se ține cont de factorul de impact la momentul înscrierii la concursul pentru ocuparea unei poziții didactice. Brevetele 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. Crt.	Articol ISI	Nr. Autori	FI An publicare	Autor principal	NP	FI An evaluare 2020	FIC
1	Title: Innovative Use of Sheep Wool for Obtaining Materials with Improved Sound-Absorbing Properties Author(s): Borlea (Muresan) I.S., Tiuc A.E.*, Nemes, O.*, Vermeșan, H., Vasile, O. Source: Materials, Volume: 13 Issue: 2 Pages: 694-707 DOI: https://doi.org/10.3390/ma13030694 Published: 2020 WOS: 000515503100201	5	2.972	DA	1	2.972	2.972
2	Title: Advanced Recovery Techniques for Waste Materials from IT and Telecommunication Equipment Printed Circuit Boards Author(s): Vermeșan H., Tiuc A.-E.*, Purcar M. Source: SUSTAINABILITY, Volume: 12, Issue: 1, Article Number: 74, DOI: 10.3390/su12010074, Published: 2020 WOS: 000521955600074	3	2.592	DA	1	2.592	2.592
3	Title: A Novel Acoustic Sandwich Panel Based on Sheep Wool Author(s): Tămaș-Gavrea D.R., Dăneș T.O., Iștoian R., Tiuc A.E., Manea D.L., Vasile O. Source: COATINGS, Volume: 10 Issue: 2 Article Number: 148 DOI: 10.3390/coatings10020148 Published: 2020 WOS: 000522487300059	6	2.330	NU	0	2.330	0.388
4	Title: Qualitative Analysis Of Filters For The Mechanical Nanofiltration Of Household Drinking Water Author(s): Crișan O.A., Pustan O.S., Birleanu C.J., Tiuc A.E., Sur I., Crișan H.G., Șerdean F.M., Flămînd L., Rusu T., Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, Volume: 65 Issue: 1 Pages: 253-266 DOI: 10.24193/subchem.2020.1.20 Published: 2020 WOS: 000526912600021	9	0.275	NU	0	0.275	0.031
5	Title: New sound absorbent composite materials based on sawdust and polyurethane foam Author(s): Tiuc A.E., Nemes O., Vermeșan H., Toma A.C. 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	1	6.864	6.864
6	Title: New sound absorbing materials obtained from waste rigid polyurethane foam Author(s): Tiuc A.E., Nemes, O.*, Vermeșan, H.*, Tămaș-Gavrea, D.-R., Vasile, O. Source: MATERIALE PLASTICE Volume: 56 Issue: 4 Pages: 1021-1027 Published: 2019 WOS: 000509920700050	5	1.393	DA	1	1.393	1.393
7	Title: Experimental Setup For Analysis Of Drain Water Heat Recovery System In Civil Buildings Author(s): Gabor T., Dan V., Badila I.N., Tiuc A.E., Sur I.M. Source: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 20 Issue: 4 Pages: 1960-1969 Published: 2019 WOS: 000510868400038	5	0.634	NU	0	0.634	0.127
8	Title: Sound Absorbing Insulating Composites Based on Polyurethane Foam and Waste Materials Author(s): Tiuc A.E., Vasile O., Vermeșan H., Platon M.A. Source: MATERIALE PLASTICE Volume: 55 Issue: 3 Pages: 419-422 Published: SEP 2018 WOS: 000452711500035	4	1.393	DA	1	1.393	1.393
9	Title: Improving The Energy Efficiency Of Residential Buildings By Using A Drain Water Heat Recovery System Author(s): Gabor T., Dan V., Badila I.N., Tiuc A.E., Sur I.M. Source: ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 16 Issue: 7 Pages: 1631-1636 DOI: 10.30638/eemj.2017.176 Published: 2017 WOS: 000415722600023	5	1.096	NU	0	1.186	0.237
10	Title: Electrochemical impedance spectroscopy study - evolution modeling of corrosion products layer formed at hot dip galvanized rebar - fresh concrete interface Author(s): Rus V., Vermeșan H., Hecyi A., Tiuc A.E. Source: REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS Volume: 46 Issue: 2 Pages: 196-203 Published: 2016 WOS: 000378101800008	4	0.612	NU	0	0.628	0.157

11	Title: Modeling and simulation of heat transfer processes for heat exchangers with heat pipes used for recovering heat from wastewater Author(s): Gabor T., Dan V., Tiuc A.E., Sur I.M., Badiia I.N. Source: ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 15 Issue: 5 Pages: 1027-1033 DOI: 10.30638/eemj.2016.113 Published: 2016 WOS: 000381274100011	5	1.008	NU	0	1.186	0.237
12	Title: Recovery Of Sawdust And Particles Of Recycled Rubber By Making Them Into Sound Absorbing Materials Author(s): Tiuc A.E., Dan V., Vermeşan H., Gabor T., Proorocu M. Source: ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 15 Issue: 5 Pages: 1093-1101 DOI: 10.30638/eemj.2016.122 Published: 2016 WOS:000381274100020	5	1.008	DA	1	1.186	1.186
13	Title: Kinetics of the corrosion process of hot dip galvanized steel reinforcement in fresh concrete Author(s): Rus V., Hegyi A., Vermeşan H., Tiuc A.E. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 60 Issue: 2 Pages: 409-419 Published: 2015 WOS:000369161800038	4	0.148	NU	0	0.275	0.069
14	Title: Thermal behaviour of polyurethane matrix composite materials Author(s): Tiuc A.E., Nemeş, O., Perhaia, I., Vermeşan, H., Gabor, T., Dan, V. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Issue 2, pp. 169-176, Published: 2015 WOS: 000369161800016	6	0.148	DA	1	0.275	0.275
15	Title: Continuous Flow Waste Water Purification With Immobilized Cells Author(s): Toddea D.A., Tonk S., Tiuc A.E., Török A., Mánzatu C., Katona G., Majdik C. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 3 Pages: 135-141 Published: 2013 WOS:000342728300015	7	0.136	NU	0	0.275	0.039
16	Title: Efficient Degradation of Phenol with Pseudoionas Putida Cells for the Production of Pure Water Author(s): Toddea D.A., Tonk S., Tiuc A.E., Török A., Mánzatu C., Katona G., Majdik C. Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 58 Issue: 3 Pages: 125-133 Published: 2013 WOS:000342728300014	7	0.136	NU	0	0.275	0.039
17	Title: Using particles of recycled rubber when making some soundproofing materials Author(s): Borlea (Tiuc) A., Rusu T., Vasile O. Source: MATERIALE PLASTICE Volume: 49 Issue: 4 Pages: 275-278 Published: 2012 WOS:000313149100010	3	0.379	DA	1	1.393	1.393
18	Title: Determinarea Proprietăţilor Fonoabsorbante Ale Unor Noi Materiale Compozite Realizate Din Deşeuri [Determination of the sound absorption properties of some new composite materials obtained from wastes] Author(s): Borlea (Tiuc), A.E., Rusu, T., Ionescu, S., Nemeş, O. Source: Revista Romana de Materiale/ Romanian Journal of Materials, Volume 42 (4), pp. 405-414, Published: 2012 WOS: 000313318800012	4	0.610	DA	1	0.628	0.628

2. Brevete de inventie

Internationale - FI = 3/brevet

Nr. Crt.	Brevet	Nr. Autori	FIC
1.-		-	0

Nationale - FI = 1/brevet

Nr. Crt.	Brevet	Nr. Autori	FIC
1.	Title: RO129228-B1 - Procedeu de Obținere a unui Material Compozit Fonoabsorbant. Author(s): Ancuța Elena Tiuc, Tiberiu Rusu, Nemes Ovidiu, Granted: 2015	3	1
2.	Title: RO133261-B1 - Panou Compozit Multistrat Şi Procedeu de Obținere a Acestuia Author(s): Tămaş-Gavrea Daniela-Roxana, Iştoan Raluca, Tiuc Ancuța Elena, Granted: 2020	3	1

1 - Articole în reviste ISI Thomson Reuters citate ISI și BDI

Nr. Crt.	Articol citat / Articol care citeaza	Tip citare	Baza de date in care apare
1	Borlea (Tiuc) Ancuta, Rusu T., Vasile O., Using particles of recycled rubber when making some soundproofing materials, Materiale Plastice, vol. 49, nr.4, pp. 275-278, 2012. 1 Nasir, MRJ, Zaikhepi, NN, Abdullah, MMA, Omar, MF, Ismail, H, Sandu, AV. The Effects of Different Particle Sizes of Recycled Acrylonitrile Butadiene Rubber and its Blend Ratios on Mechanical and Morphological Properties of nNBR/pNBR Blends. Materiale Plastice Volume: 51 Issue: 2 Pages: 201-204 Published: 2014 2 Daniela Laura Bunuiana, Marian Bordei, Ioan Gabriel Sandu, Andreea Irina Chirculescu, Ion Sandu, Recycling Waste Grit in Mix Asphalt. Materiale Plastice Volume: 50 Issue: 1 Pages: 36-39 Published: 2013. 3 Daniela Laura Bunuiana, Marian Bordei, Ioan Gabriel Sandu, Andreea Irina Chirculescu, Ion Sandu, Studies on Grit Use in Asphalt Mixtures (II). Materiale Plastice Volume: 50 Issue: 2 Pages: 113-118 Published: 2013. 4 Ivanova, Y., Vassilev, V., Djondjorov, P., Djomalitsky, S., Experimental-theoretical approach to the identification of effective sound attenuation panels from recycled materials. Bulgarian Chemical Communications. Volume 47, 2015, Pages 443-450 5 Daniela-Roxana Lămaș-Gavrea, Constantin Munteanu, Raluca Fernea (Istoan), Adrian Loghin, Acoustic optimization of a music practice classroom, Procedia Manufacturing, Volume 32, 2019, Pages 167-170. https://www.sciencedirect.com/science/article/pii/S235197891930232X	ISI	5 Scopus/WoS Scopus/WoS Scopus/WoS Scopus/WoS Scopus/WoS
2	Borlea (Tiuc) Ancuta, Rusu T., Ionescu S., Nemeș O., Determination of sound absorption properties of some new composite materials obtained from wastes, Revista Română de Materiale /Romanian Journal of Materials, vol.42, nr.4, pp. 405-414, 2012. 1 Amalia Mihaela Iurian, Ioana Pehtuța, Raluca Șeptelean, Alina Săponar, Wood Fibers Characterization By TGA Analysis, Studia UBB Chemia, LVIII, 1, 2013 .p. 141 – 149. 2 Yilmaz, Nazire Deniz; Powell, Nancy B., Biocomposite Structures As Sound Absorber Materials. Green Biorenewable Biocomposites: From Knowledge To Industrial Applications. Published: 2015. Pages: 161-198. 3 Daniela-Roxana Lămaș-Gavrea, Constantin Munteanu, Raluca Fernea (Istoan), Adrian Loghin, Acoustic optimization of a music practice classroom, Procedia Manufacturing, Volume 32, 2019, Pages 167-170. https://www.sciencedirect.com/science/article/pii/S235197891930232X	ISI Book ISI	4 Scopus/WoS WoS Scopus/WoS
3	Rus V., Hegyi A., Vermeșan H., Tiuc A.E., Kinetics of the corrosion process of hot dip galvanized steel reinforcement in fresh concrete, Studia Universitatis Babeș-Bolyai Seria Chimia, LX, 2, Tom II, p. 409-419, 2015. 1 Jacek Kolodziej, Mariusz Jasniok, Polarization tests concerning chloride impact on protective zinc coatings applied on reinforcing steel in curing concrete, Ochrona przed Korozją, ISSN 0473-7733, e-ISSN 2449-9501, vol. 60, nr 10/2017 OCHRONA PRZED KOROZJĄ Volume: 60 Issue: 10 Pages: 330-334 Published: OCT 2017 2 Hua, F.-A., Hou, S., Li, J.-P., Effect of Liquid Zinc Chamber on Electromagnetic Force in Vertical Electromagnetic Sealing Process. Dongbei Daxue Xuebao/Journal of Northeastern University, 39(6), pp. 808-812, 2018	BDI ISI BDI	Scopus 2 Scopus/WoS Scopus

4	Tiu A.E., Dan V., Vermeşan H., Gabor T., Proorocu M., Recovery Of Sawdust And Particles Of Recycled Rubber By Making Them Into Sound Absorbing Materials, Environmental Engineering and Management Journal, Vol.15, No. 5, 1093-1101, 2016.		ISI	Scopus/WoS	2
	1	Xinwu Xu, Huixiang Wang, Yan Sun, Jingquan Han, Runzhou Huang, Xiaoxu Zhao, Sound absorbing properties of perforated composite panels of recycled rubber, fiberboard sawdust, and high density polyethylene, Journal of Cleaner Production, Volume 187, 20 June 2018, Pages 215-221.			
5	Gabor T., Dan V., Badila I.N., Tiu A.E., Sur I.M., Improving The Energy Efficiency Of Residential Buildings By Using A Drain Water Heat Recovery System, Environmental Engineering & Management Journal, Vol.16, Issue 7, p.1631-1636, 2017.		ISI	Scopus/WoS	5
	2	Kun Wang, Xiong Yan, Performance analysis of ethylene-propylene diene monomer sound-absorbing materials based on image processing recognition, EURASIP Journal on Image and Video Processing, 2018:128, https://doi.org/10.1186/s13640-018-0372-9			
6	Tiu A.E., Nemeş O., Vermeşan H., Toma A.C., New sound absorbent composite materials based on sawdust and polyurethane foam, Composites Part B: Engineering, Vol. 165, p. 120-130, 2019.		BDI	Scopus	13
	1	S Kordana, An assessment of the potential for shower water heat recovery, E3S Web Conf. VI International Conference of Science and Technology INFRAEKO 2018 Modern Cities, Infrastructure and Environment, Volume 45, 2018. https://doi.org/10.1051/e3sconf/20184500034			
	2	Găină, Alexandra Alisa, Nicuță, Ana, Numerical Simulation Of Relative Humidity In A Masonry Wall Applying Three Different Waterproofing Membranes, Environmental Engineering & Management Journal, Vol. 17 Issue 12, p2781-2788, 2018.			
	3	G Năstase, A Șerban, EXPERIMENTAL STUDY ON CO2 CAPTURE IN A RESIDENTIAL SPACE, Environmental Engineering & Management Journal, 2019, Vol. 18 Issue 5, p 1001-1011.			
	4	N Diaz-Elsayed, N Rezaei, A Ndiaye, Q Zhang, Trends in the environmental and economic sustainability of wastewater-based resource recovery: A review - Journal of Cleaner Production, in press, 2020. https://doi.org/10.1016/j.jclepro.2020.121598			
5	Faris Nasif Alshubiri, Omar Iqbal Tawfik & Syed Ahsan Jamil, Impact of petroleum and non-petroleum indices on financial development in Oman, Financial Innovation volume 6, is 1, Article number: 15 (2020) https://jfm-swufe.springeropen.com/articles/10.1186/s40854-020-00180-7				
6	Tiu A.E., Nemeş O., Vermeşan H., Toma A.C., New sound absorbent composite materials based on sawdust and polyurethane foam, Composites Part B: Engineering, Vol. 165, p. 120-130, 2019.		BDI	Scopus	13
	1	Beura, S., Sahoo, S.N., An experimental analysis on wood and polymer composite, International Journal of Mechanical and Production Engineering Research and Development 9(3), pp. 1541-1546, 2019. http://www.ijpre.org/publishpapers/2-67-1560251213-162-IJMPERDJUN2019162.pdf			
	2	Nirmala H.Bhugare, S.Prakash, Vijaykumar S.Jatti, A review on natural and waste material composite as acoustic material, Polymer Testing, Volume 80, December 2019, 106142, https://doi.org/10.1016/j.polymeresting.2019.106142			
	3	C Nejueru, C Savin, MC Perju, DD Burduhos-Nergis, Studies on galvanic corrosion of metallic materials in marine medium, International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019), IOP Publishing doi:10.1088/1757-899X/572/1/012106			
	4	Leitao Cao Yang SiXia YinJianyong YuBin Ding, Ultrahigh and Resilient Electrospun Fiber Sponge with Lamellar Corrugated Microstructure for Effective Low-frequency Sound Absorption, ACS Applied Materials & Interfaces, 2019, Publication Date: September 5, 2019, https://doi.org/10.1021/acsami.9b12444			
	5	D Liu, A Hu, The Influence of Environmentally Friendly Flame Retardants on the Thermal Stability of Phase Change Polyurethane Foams, Materials 2020, 13, 520; doi:10.3390/ma13030520			
	6	Istoan, R.; Tamaş-Gavrea, D.R.; Manea, D.L. Experimental Investigations on the Performances of Composite Building Materials Based on Industrial Crops and Volcanic Rocks. Crystals 2020, 10, 102. https://doi.org/10.3390/cryst10020102			
7	X Yang, X Shen, H Duan, F Yang, X Zhang, M Pan, Qin Yin, Improving and Optimizing Sound Absorption Performance of Polyurethane Foam by Prepositive Microperforated Polymethyl Methacrylate Panel - Applied Sciences, 2020, 10, 2103; doi:10.3390/app10062103				

		BDI	Scopus
8	A I Nigmatullina, R Yu Galimzyanova, Yu N Khakimullin, A A Stytsenkov, Sound-Absorbing Polymer Composite Materials for Construction Purposes, International science and technology conference "FarEastCon-2019" IOP Conf. Series: Materials Science and Engineering 753 (2020) 052027, IOP Publishing doi:10.1088/1757-899X/753/5/052027	BDI	Scopus
9	Sijia Zhao, Lian Yin, Qianqian Zhou, Changkun Liu, Keqing Zhou, 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, Applied Surface Science, Volume 506, 2020, https://doi.org/10.1016/j.apsusc.2019.144700	ISI	Scopus/WoS
10	Ren, X., Wang, J., Sun, G. (...), Liu, J., Han, S., Effects of structural design including cellular structure precision controlling and sharp holes introducing on sound absorption behavior of polyimide foam, Polymer Testing, 84,106393, 2020	ISI	Scopus/WoS
11	Oh, J.-H., Kim, J.-S., Nguyen, V.H., Oh, I.-K., Auxetic graphene oxide-porous foam for acoustic wave and shock energy dissipation, Composites Part B: Engineering, 186,107817, 2020	ISI	Scopus/WoS
12	KC Opiela, TG Zieliński, Microstructural design, manufacturing and dual-scale modelling of an adaptable porous composite sound absorber, Composites Part B: Engineering, 2020, Volume 187, 2020, https://doi.org/10.1016/j.compositesb.2020.107833	ISI	Scopus/WoS
13	II Choce, JH Lee, JH Kim, Polyurethane composite foams including CaCO3 fillers for enhanced sound absorption and compression properties, - Composites Science and Technology, Volume 194, 2020, 108153 https://doi.org/10.1016/j.compscitech.2020.108153	ISI	Scopus
7	Tiuc A.E., Vasile O., Vermeșan H., Platon M.A., Sound Absorbing Insulating Composites Based on Polyurethane Foam and Waste Materials, Materiale Plastice, vol.55, No.3, 2018.		1
	1 Grigorescu, Ramona Marina; Grigore, Madalina Elena; Ghioca, Paul; et al., Waste Electrical and Electronic Equipment Study regarding the plastic composition, MATERIALE PLASTICE Volume: 56 Issue: 1 Pages: 77-81 Published: MAR 2019	ISI	Scopus/WoS
8	Tiuc A.E., Nemes O., Perhaita I., Vermeșan H., Gabor T., Dan V., Thermal behaviour of polyurethane matrix composite materials, Studia Universitatis Babeș-Bolyai Chemie, 60 (2), 169-176, 2015.		4
	1 Luca, Alina Costina, Duceac, Letitia Doina, Mitrea, Geta ; Ciuhodanu, Madalina Irina, Iehim, Daniela Luminita, Baciuc, Ginel, Banu, Elena Ariela, Iordache, Alin Constantin, Antibiotic Encapsulated Nanomaterials with Application in Medical Area, MATERIALE PLASTICE, Volume: 55 Issue: 4 Pages: 552-554, Published: DEC 2018 http://www.revmatialeplastic.ro/pdf/LUCA%20A%204%2018.pdf	ISI	Scopus/WoS
	2 Pietrusiewicz, Paweł , Magnetic Properties of FeCoWYB-based Ferromagnetic Alloys with a Small Addition of Pt , REVISTA DE CHIMIE Volume: 69 Issue: 12 Pages: 3386-3388 Published: DEC 2018 http://www.revistadechimie.ro/pdf/11%20PIETRUSIEWICZ%2012%2018.pdf	ISI	Scopus/WoS
	3 Gawdzinska, Katarzyna; Nabialek, Marcin; Sandu, Andrei Victor; Byll, Katarzyna, The Choice of Recycling Methods for Single-Polymer Polyester Composites, MATERIALE PLASTICE Volume: 55 Issue: 4 Pages: 658-665 Published: DEC 2018 http://www.revmatialeplastic.ro/pdf/GAWDZINSKA%204%2018.pdf	ISI	Scopus/WoS
	4 RM Florea, Microstructure and properties of HIEA coating, International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019), IOP Publishing doi:10.1088/1757-899X/572/1/012016	BDI	Scopus
9	Gabor T., Dan V., Tiuc A.E., Sur I.M, Badila I.N., Modeling and simulation of heat transfer processes for heat exchangers with heat pipes used for recovering heat from wastewater, Environmental Engineering and Management Journal, no. 5, 2016.		1
	1 Kamal Pochwat, Sabina Kordana, Mariusz Starzec, Daniel Słysz, Comparison of two-prototype near-horizontal Drain Water Heat Recovery units on the basis of effectiveness, Energy, Volume 173, 15 April 2019, Pages 1196-1207, https://www.sciencedirect.com/science/article/abs/pii/S0360544219303081	ISI	WoS
10	Vermeșan, H.; Tiuc, A.-E.; Purcar, M., Advanced Recovery Techniques for Waste Materials from IT and Telecommunication Equipment Printed Circuit Boards, Sustainability 2020, 12, 74.		1
	1 Mandadi, G.K., Asmatulu, R., Khan, W.S., Asmatulu, E., Fast and affordable recycling approach to electronic waste above the melting point using induction heat combined with centrifugal forces, Asia-Pacific Journal of Chemical Engineering, 2020, DOI: 10.1002/apj.2483	ISI	Scopus/WoS

Nr. Crt.	Tip citare	Baza de date in care apare
1	Borlea (Tiu) AE, Rusu T., Vasile O., Investigation Composite Materials for its Sound Absorption Properties, Romanian Journal of Acoustics and Vibration, Volume IX, issue 2, 2012, pp.123-126.	7
	1 Izabella Krucinska, Eulalia Gilsenska, Marma Michalak, Danuta Ciochanska, Janusz Kazmierczak, Arkadiusz Bloda. Sound-absorbing green composites based on cellulose ultra-short/ultra-fine fibers. Textile Research Journal, Volume 85, Issue 6, 15 April 2015, Pages 646-657	Scopus/WoS
	2 Praveen, R., Achudhan, M., Optimization of jute composite as a noise retardant mate, International Journal of Applied Engineering Research, Volume 9, Issue 22, 2014, Pages 7627-7632.	Scopus
	3 Hasina Mamtaz, Mohammad Hosseini Fouladi, Mushak Al-Atabi, Satesh Narayana Namastayyan, Acoustic Absorption of Natural Fiber Composites, Journal of Engineering, Volume 2016, Article ID 5836107, http://dx.doi.org/10.1155/2016/5836107	Scopus/WoS
	4 Bratu, Mihai; Dumitrescu, Ovidiu; Vasile, Ovidiu; Pascu, Luana Florentina; Lehr, Carol. PHYSICO-MECHANICAL AND STRUCTURAL CHARACTERIZATION OF SOME SOUND-ABSORBING OXIDE MATERIALS MADE OF DIFFERENT SOLID WASTES. Revista Romana de Materiale; Bucharest Vol. 48, Iss. 4, 2018, 467-475.	Scopus/WoS
	5 Srikant, M., Seegin, A., Uysalman, T., Altay, L., Seki, Y., The effect of various minerals on sound transmission loss and mechanical properties of polypropylene 2019, Acta Physica Polonica A 135(5), pp. 1055-1057	Scopus/WoS
	6 Kishor KalaumS, J. Pawar, A review on the taxonomy, factors associated with sound absorption and theoretical modeling of porous sound absorbing materials, Journal of Porous Materials, pp 1-25, 2019, https://link.springer.com/content/pdf/10.1007%2Fs10934-019-00774-2.pdf	Scopus/WoS
	7 Istvan, R.; Tamas-Gavrea, D.R.; Manea, D.L. Experimental Investigations on the Performances of Composite Building Materials Based on Industrial Crops and Volcanic Rocks. Crystals 2020, 10, 102. https://doi.org/10.3390/cryst10020102	WoS
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