

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE CONSTRUCTII ȘI INSTALAȚII
DEPARTAMENTUL DE MECANICA STRUCTURILOR

Concurs pentru ocuparea postului de Conferențiar universitar, poz. 5

Disciplinele postului: Rezistența Materialelor 1 – curs, seminar

Teoria elasticității și plasticității – seminar

Numerical Methods in Engineering – curs

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de
conferențiar universitar/ cercetător științific II

publicat în Monitorul Oficial al României, Partea a III-a, nr. 1251 din data de 24.11.2022

Candidat: **TOMA Ionuț-Ovidiu** / Data nașterii: **14.06.1977**, Funcția actuală: **Șef de lucrări**, Data numirii în funcția actuală: **04.10.2011 (Decizia TUIASI nr. 1974 / 04.10.2011)** Instituția: **Universitatea Tehnică "Gheorghe Asachi" din Iași**

Se preia tabelul și definițiile corespunzătoare domeniului științific aferent, conform Anexei PO.DID.10-A1.3

(Modul de îndeplinire a standardelor minime naționale va fi prezentat în mod explicit și va trebui însoțit de dovezi)

Data: 09.01.2023
Candidat

TOMA Ionuț-Ovidiu

Tabelul 2. Structura activității cadrelor didactice / cercetătorilor și punctaje realizate

Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii / activități	Punctaj realizat
Activitatea didactică și profesională (A1)	1.1. Cărți, cursuri universitare și capitole în cărți de specialitate	1.1.1. Cărți, cursuri universitare / capitole ca autor (minim 1)	1.1.1.1. internațional	-
			1.1.1.2. național (Realizări – 3)	85,50
		1.1.2. Cărți, cursuri universitare / capitole de cărți ca editor / coordonator	1.1.2.1. internațional	-
			1.1.2.2. național	-
	1.2. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (POS, ERASMUS, Socrates, etc.)	Punctaj unic, egal cu unitatea, pentru fiecare activitate (maxim 5)	Realizări – 3	3,00
Activitatea de cercetare (A2)	2.1. Articole în reviste cotate ISI Thomson Reuters (Clarivate Analytics) și în volume indexate ISI Proceedings	Minim 5 articole pentru Conferențiar – dintre acestea minim 2 în reviste cu FI > 0,5	Realizări: 23 14 articole în reviste FI > 0,5 9 articole în volume indexate ISI Proceedings	315,02
	2.2. Articole în reviste și volumele unor manifestări științifice indexate în baze de date internaționale	Minimum 8 pentru conferențiar	Realizări – 25	142,61
	2.3. Brevete de invenție înregistrate la OSIM sau WIPO		2.3.1. cotate ISI	-
			2.3.2. internaționale, necotate ISI	-
			2.3.3 naționale	-
	2.4. Granturi / Proiecte câștigate prin competiție ce finanțează activități de cercetare	2.4.1. Director (pentru instituția coordonatoare) / responsabil (pentru instituția parteneră) – Minimum 1 pentru Conferențiar	2.4.1.1. internaționale	-
			2.4.1.2. naționale Realizări – 1	20
		2.4.2. Membru în echipa	2.4.2.1. internaționale	55

		de implementare a grantului	Realizări – 3	
			2.4.2.2. naționale Realizări – 3	25
	2.5. Responsabil cu proiecte de cercetare / consultanță (fiecare proiect considerat trebuie să fie în valoare de minim 50000 RON pentru instituția la care responsabilul era/este titular)			-
	3.1. Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI	Minim 8 citări pentru Conferențiar Realizări – 51	34 citări în reviste ISI	271,12
			5 citări în conferințe ISI	3,49
			3 citări în reviste BDI	1,20
			9 citări în conferințe BDI	2,15
Recunoaștere și impactul activității (A3)	3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale (keynote speaker) și profesor invitat pentru a ține module de curs / prelegeri (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate Maxim 5 activități pentru Conferențiar	3.2.1. internaționale Realizări – 1	10
			3.2.2. naționale	-
	3.3. Membru în colective de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice; Recenzor pentru reviste și manifestări științifice	Punctaje unice pentru fiecare categorie, ce se acordă numai dacă sunt îndeplinite următoarele cerințe minimale: 3.3.1. – minim 2 colective de redacție și minimum 8 recenzii 3.3.2. – minim 2 colective de redacție și minimum 8 recenzii 3.3.3. – minim 2 colective de redacție și minimum 12 recenzii	3.3.1. Membru în colective de redacție sau recenzor pentru reviste cotate ISI Realizări: 2 comitete editoriale 13 reviste 133 recenzii	10
			3.3.2. Membru în colective de redacție sau recenzor pentru reviste cotate BDI Realizări: 2 comitete editoriale	6

		Pentru reviste, comitete științifice și manifestări științifice internaționale, valorile minime specificare se împart la 2	6 reviste 13 recenzii	
			3.3.3. Membru în comitete științifice, organizator sau recenzor pentru manifestări științifice Realizări: 12 comitete științifice 56 recenzii	4
	3.4. Experiența de management universitar sau de cercetare		3.4.1. Funcții de conducere (rector, prorector, decan, prodecan, director departament, director școală doctorală, director general, director științific, director adjunct, șef secție, șef laborator) Realizări: director departament din 2016	30
			3.4.2. Membru în organisme de conducere (senat, consiliul facultății, consiliul științific) Realizări: - Membru în Senatul Universității Tehnice "Gheorghe Asachi" din Iași - Membru în Consiliul Facultății de Construcții și Instalații	24

Condiții Minimale

Nr.crt.	Domeniul de activitate	Condiții Conferențiar	Punctaj realizat
1	Activitatea didactică / profesională (A1)	Minim 30 pct.	88,50
2	Activitatea de cercetare (A2)	Minim 180 pct.	557,63
3	Recunoaștere și impactul activității (A3)	Minim 40 pct.	361,96
TOTAL		Minim 250 pct.	1008,09

DETALIERE INDICATORI

Activitate didactică/profesională (A1)

1.1. Cărți, cursuri universitare și capitole în cărți de specialitate:

1.1.1. Cărți, cursuri universitare / capitole ca autor

Nr crt	Subcategorii (Național / Internațional)	Rezultate (punctaje)	Cărți de specialitate/Capitole de cărți (autori, titlul, nr. pagini, Editura, ISBN)	Nr pagini
1	Național	20,8	VRABIE Mihai, IBĂNESCU Mihaela, TOMA Ionuț-Ovidiu , BĂETU Sergiu-Andrei, CHIȚAN Violeta-Elena <i>Rezistența materialelor. Culegere de probleme. - Ediție bilingvă româno-engleză</i> , Ed. Societății Academice "Matei-Teiu Botez", Iași, ISBN 978-606-582-135-4 (2018)	520
2	Național	25	IBĂNESCU Mihaela, TOMA Ionuț-Ovidiu <i>Strength of Materials – Advanced</i> , Ed. Societății Academice „Matei Teiu Botez”, ISBN: 978-606-972-046-3 (2013)	250
3	Național	39,7	MURĂRAȘU Vasile, TOMA Ionuț-Ovidiu <i>Strength of Materials – Fundamentals</i> , Ed. StudIS, ISBN: 978-606-624-553-1 (2013)	397
	TOTAL	85,5		

1.2. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (POS, Socrates, Leonardo, ș.a.)

Nr crt	Rezultate (punctaje)	Denumire Program	Tip Program
1	1	Universitatea Tehnică RWTH Aachen, D AACHEN01	ERASMUS
2	1	Construcții Civile, Industriale și Agricole (CCIA), Facultatea de Construcții și Instalații, Program de studii universitare de licență	Licență
3	1	Structural Engineering (SE), Facultatea de Construcții și Instalații, Program de studii universitare de master	Master
TOTAL	3		

Activitate de cercetare (A2)

2.1. Articole în reviste cotate ISI Thomson (Clarivate Analytics) și în volume indexate ISI Proceedings

2.1.1. Articole în reviste cotate ISI Thomson (Clarivate Analytics)

Nr crt	Rezultate (punctaje)	Autori, titlul lucrării, revista, pag (de la – pana la), vol., WOS	FI
1	44,86	CORBU Ofelia-Cornelia, TOMA Ionuț-Ovidiu Progress in Sustainability and Durability of Concrete and Mortar Composites, MDPI - Coatings 2022, 12(7), 1024, F.I. = 3,236 (2021), eISSN: 2079-6412 https://doi.org/10.3390/coatings12071024 WOS: 000831422300001	3,236
2	17,13	ALEXA-STRATULAT Sergiu-Mihai, COVATARIU Daniel, TOMA Ana-Maria, ROTARU Ancuța, COVATARIU Gabriela, TOMA Ionuț-Ovidiu Influence of a Novel Carbon-Based Nano-Material on the Thermal Conductivity of Mortar, Sustainability 2022, 14(13), 8189; F.I. = 3,889 (2021), eISSN: 2071-1050 https://doi.org/10.3390/su14138189 WOS: 000824177300001	3,889
3	20,55	ȚĂRANU George, VENGHIAȘ Vasile-Mircea, OLTEANU-DONȚOV Ioana, ROTARU Ancuța, TOMA Ionuț-Ovidiu Sustainable Design for CFS Structures: Experimental Data and Numerical Models of Hinged Connections, Sustainability 2022, 14(13), 7813; F.I. = 3,889 (2021), eISSN: 2071-1050 https://doi.org/10.3390/su14137813 WOS: 000823984600001	3,889

4	16,35	TOMA Ionuț-Ovidiu , ALEXA-STRATULAT Sergiu-Mihai, MIHAI Petru, TOMA Ana-Maria, ȚĂRANU George Experimental Investigations on the Long Term Material Properties of Rubberized Portland Cement Concrete, Appl. Sci. 2021, 11(22), 10868; F.I. = 2,838 (2021), eISSN: 2076-3417 https://doi.org/10.3390/app112210868 WOS: 000725734600001	2,838
5	16,35	ALEXA-STRATULAT Sergiu-Mihai, MIHAI Petru, TOMA Ana-Maria, ȚĂRANU George, TOMA Ionuț-Ovidiu Influence of Concrete Strength Class on the Long-Term Static and Dynamic Elastic Moduli of Concrete, Appl. Sci. 2021, 11(24), 11671; F.I. = 2,838 (2021), eISSN: 2076-3417 https://doi.org/10.3390/app112411671 WOS: 000735845200001	2,838
6	45,74	ȚĂRANU George, TOMA Ionuț-Ovidiu Experimental Investigation and Numerical Simulation of C-Shape Thin-Walled Steel Profile Joints, Buildings 2021, 11(12), 636; F.I. = 3,324 (2021), eISSN: 2075-5309 https://doi.org/10.3390/buildings11120636 WOS: 000742698000001	3,324
7	18,97	ANCAȘ Diana-Ana, AȘCHILEAN Ioan, PROFIRE Mihai, TOMA Ionuț-Ovidiu System for Increasing the Seismic Safety of Pipelines in the Water Supply and Distribution Networks, Water, 11(5), 1049; F.I. = 2,544 (2019), eISSN: 2073-4441 https://doi.org/10.3390/w11051049 WOS:000472680400179	2,544
8	6,93	OPRIȘAN Gabriel, ENȚUC Ioana-Sorina, MIHAI Petru, TOMA Ionuț-Ovidiu , ȚĂRANU Nicolae, BUDESCU Mihai, MUNTEANU Vlad Behaviour of Rubberized Concrete Short Columns Confined by Aramid Fibre Reinforced Polymer Jackets Subjected to Compression, Advances in Civil Engineering, ISSN: 1687-8086, Vol. 2019, Article ID. 1360620, F.I. = 1,176 (2019) https://doi.org/10.1155/2019/1360620 WOS:000460208600001	1,176
9	6,21	TOMA Ionuț-Ovidiu , ȚĂRANU Nicolae, BANU Oana-Mihaela, BUDESCU Mihai, MIHAI Petru, ȚĂRAN Rareș-George The Effect of the Aggregate Replacement by Waste Tyre Rubber Crumbs on the Mechanical Properties of Concrete, Romanian Journal of Materials, ISSN: 1583-3186, vol. 45(4), p. 394-401, F.I. = 0,612 (2015) WOS:000367029800013	0,612

10	6,21	BUDESCU Mihai, MIHAI Petru, ȚĂRANU Nicolae, LUNGU Irina, BANU Oana-Mihaela, TOMA Ionuț-Ovidiu Establishing The Complete Characteristic Curve Of Concrete Loaded In Compression, Romanian Journal of Materials, ISSN: 1583-3186, vol. 45(1), p. 43-54, F.I. = 0,612 (2015) <u>WOS:000352755800006</u>	0,612
11	25,45	BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu Experimental Evaluation of Strength and Elastic Properties of Polymer Concrete with Different Volumes of Volcanic Tuff Acting as Filler, ASCE Journal of Materials in Civil Engineering, ISSN: 1943-5533, vol 27(6), F.I. = 1,295 (2015) https://doi.org/10.1061/(ASCE)MT.1943-5533.0001155 <u>WOS:000354552400018</u>	1,295
12	7,15	COVATARIU Daniel, LUNGU Irina, ȚĂRANU Nicolae, BUDESCU Mihai, TOMA Ionuț-Ovidiu The influence of joints rehabilitation on structural response of masonry with low-strength mortars, Romanian Journal of Materials, ISSN: 1583-3186, vol. 43(3), p. 251-262, F.I. = 0,538 (2013) <u>WOS:000324848100003</u>	0,538
13	14,06	TOMA Ionuț-Ovidiu , COVATARIU Daniel, TOMA Ana-Maria, ȚĂRANU George, BUDESCU Mihai Strength and elastic properties of mortars with various percentages of environmentally sustainable mineral binder, Construction and Building Materials, ISSN: 0950-0618, vol. 43, p. 348-361, F.I. = 2,265 (2013) https://doi.org/10.1016/j.conbuildmat.2013.02.061 <u>WOS:000319232900037</u>	2,265
14	10,32	BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu , HARJA Maria, TOMA Ana-Maria, GAVRILOAIA Constantin Behavior of short polymer-high strength concrete columns under eccentric compression, Archives of Civil and Mechanical Engineering, ISSN: 1644-9665, vol. 13, no. 1, p. 119-127, F.I. = 1,331 (2013) http://dx.doi.org/10.1016/j.acme.2012.10.004 <u>WOS:000314448200016</u>	1,331
TOTAL:	256,28		

2.1.2. Articole în volume indexate ISI Proceedings (Clarivate Analytics)

Nr crt	Rezultate (punctaje)	Autori, titlul lucrării, revista, pag (de la – pana la), vol., WOS	FI
0	1	2	3

1	5,00	TOMA Ionuț-Ovidiu , BANU Oana-Mihaela, ȚĂRAN Rareș-George, BUDESCU Mihai, ȚĂRANU Nicolae Effects of Post-Consumer Tyre Rubber on the Mechanical Properties of Mortars Energy and Clean Technologies, vol II, ISBN 978-619-7105-16-2, p. 73-78, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria <u>WOS:000371090000010</u>	0
2	5,00	TOMA Ionuț-Ovidiu , BUDESCU Mihai, TOMA Ana-Maria, PASTIA Cristian, LUCA Septimiu-George Influence of Gypsum-Based Cementitious Materials on the Early Age Strength Characteristics of Mortars, Energy and Clean Technologies, vol II, ISBN 978-619-7105-16-2, p. 103-110, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria <u>WOS:000371090000014</u>	0
3	8,33	TOMA Ana-Maria, ATANASIU Gabriela-Maria, TOMA Ionuț-Ovidiu Seismic Risk Evaluation of Typical Residential Buildings of Romanian Urban Areas – GIS Based Tool for the City of Iasi Science and Technologies in Geology, Exploration and Mining, vol. I, ISBN: 978-619-7105-07-0, p. 581-588, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria <u>WOS: 000371300500076</u>	0
4	6,25	LUCA Septimiu-George, PASTIA Cristian, TOMA Ionuț-Ovidiu , BUDESCU Mihai Control Strategies for Seismic Energy Dissipation Science and Technologies in Geology, Exploration and Mining, vol. I, ISBN: 978-619-7105-07-0, p. 435-442, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria <u>WOS:000371300500058</u>	0
5	8,33	PASTIA Cristian, LUCA Septimiu-George, TOMA Ionuț-Ovidiu Effect of Semi-Active TMD to Control Vibrations of a 3 Storey Building Science and Technologies in Geology, Exploration and Mining, vol. I, ISBN: 978-619-7105-07-0, p. 443-450, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria <u>WOS:000371300500059</u>	0

6	6,25	TOMA Ionuț-Ovidiu , COVATARIU Daniel, LUNGU Irina, BUDESCU Mihai Evaluation of the Load Carrying Capacity of Short RC Columns Strengthened with a Novel Cementitious Material by Using FEA Advanced Engineering Forum, ISSN: 2234-9898, vol. 8-9, p. 343-352, 2013 https://doi.org/10.4028/www.scientific.net/AEF.8-9.343 WOS: 000323184000039	0
7	5,00	COVATARIU Daniel, BUDESCU Mihai, ȚĂRANU Nicolae, LUNGU Irina, TOMA Ionuț-Ovidiu Procedures and Techniques Used to Increase the Durability of Weak Masonries with Clay Mortars Advanced Engineering Forum, ISSN: 2234-9898, vol. 8-9, p. 243-250, 2013 http://dx.doi.org/10.4028/www.scientific.net/AEF.8-9.243 WOS: 000323184000027	0
8	6,25	TOMA Ionuț-Ovidiu , ȚĂRANU George, TOMA Ana-Maria, BUDESCU Mihai Influence of Cement and Sand Type on the Strength Characteristics of Mortars with Various Contents of Green Binder, 2011 International Conference On Green Buildings And Sustainable Cities Procedia Engineering, ISSN: 1877-7058, vol. 21, 196-203, 2011 https://doi.org/10.1016/j.proeng.2011.11.2004 WOS: 000300505700025	0
9	8,33	MIKI Tomohiro, TOMA Ionuț-Ovidiu , NIWA Junichiro Experimental Study on the Shear Capacity of Randomly-Cracked Longitudinally-Reinforced FRC Beams 6th International Conference on Fracture Mechanics of Concrete and Concrete Structures, Vol. 2 (Design, Assessment and Retrofitting of Concrete Structures), ISBN: 978-0-415-44066-0, p. 701-709, 2007 WOS: 000252133100086	0
TOTAL:	58,74		

2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (SCOPUS, WILEY, SPRINGER, Science Direct, IEEE, Engineering Village, ProQuest, EBSCO)

Nr crt	Rezultate (punctaj)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	Anul Publicării
1	3,33	ȚĂRANU George, UNGUREANU Viorel, NAGY Zsolt, ALEXA-STRATULAT Sergiu-Mihai, TOMA Ionuț-Ovidiu , LUCA Septimiu-George Shake table test and numerical analyses of a thin-walled Cold-Formed Steel structure: Part 1 — Investigation of the structural skeleton without claddings, ELSEVIER - Thin Walled Structures,	2023

Nr crt	Rezultate (punctaj)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	Anul Publicării
		2023, Vol. 182, Part B, ID. 110258, F.I. = 5,881 (2021) https://doi.org/10.1016/j.tws.2022.110258 SCOPUS ID: 2-s2.0-85140974073	
2	6,66	PETRESCU Tudor-Cristian, MIHAI Petru, TOMA Ionuț-Ovidiu Tensile Testing of a Biocomposite Material – “Liquid Wood”, International Conference on Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment, CRIT-RE-BUILT 2019; Iași; Romania; 7 November 2019 through 9 November 2019; Code 251059 Springer Series in Geomechanics and Geoengineering, ISBN: 978-3-030-61117-0, p. 249-253, 2021 https://doi.org/10.1007/978-3-030-61118-7_22 SCOPUS ID: 2-s2.0-85097431155	2021
3	6,66	COVATARIU Daniel, ALEXA-STRATULAT Sergiu-Mihai, TOMA Ionuț-Ovidiu Improvements of Strength and Dynamic Elastic Characteristics of Mortars by Using Carbon Nano-tubes, International Conference on Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment, CRIT-RE-BUILT 2019; Iași; Romania; 7 November 2019 through 9 November 2019; Code 251059 Springer Series in Geomechanics and Geoengineering, ISBN: 978-3-030-61117-0, p. 220-228, 2021 https://doi.org/10.1007/978-3-030-61118-7_19 SCOPUS ID: 2-s2.0-85097383948	2021
4	6,66	PETRESCU Tudor-Cristian, VOORDIJK Hans, TOMA Ionuț-Ovidiu Then and now: construction management practices in Romania and the Netherlands International Journal of Technology, Policy and Management, ISSN:1468-4322, Vol. 21, No. 2, p. 91-103, 2021 https://doi.org/10.1504/IJTPM.2021.10039676 SCOPUS ID: 2-s2.0-85111580932 https://www.inderscience.com/info/inarticle.php?artid=116511	2021
5	4,00	SOCOCOL Ion, MIHAI Petru, TOMA Ionuț-Ovidiu , OLTEANU-DONȚOV Ioana, VENGHIAC Vasile-Mircea Stress-Strain Relation Laws for Concrete and Steel Reinforcement Used in Non-Linear Static Analytical Studies of the Moment Resisting Reinforced Concrete (RC) Frame Models Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. 67, Issue 1 (March 2021), pag. 21-29	2021

Nr crt	Rezultate (punctaj)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	Anul Publicării
		https://doi.org/10.2478/bipca-2021-0002 https://www.sciendo.com/article/10.2478/bipca-2021-0002	
6	4,00	SOCOCOL Ion, MIHAI Petru, TOMA Ionuț-Ovidiu , OLTEANU-DONȚOV Ioana, VENGHIAC Vasile-Mircea The Influence of the RC Beams Cross Section on the Dissipative Seismic Response of a Moment Resisting RC Frame System, Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. 66(70), No. 4, p. 21-38, ISSN: 1224-3884, 2020 http://www.bipcons.ce.tuiasi.ro/Archive/739.pdf	2020
7	4,00	SOCOCOL Ion, MIHAI Petru, TOMA Ionuț-Ovidiu , VENGHIAC Vasile-Mircea, OLTEANU-DONȚOV Ioana Influence of concrete strength class on the plastic hinges location for a reinforced concrete moment-resisting frame structure with consideration of the horizontal stiffening effect of the slab Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. 66(70), No. 2, p. 95-108, ISSN: 1224-3884, 2020 http://www.bipcons.ce.tuiasi.ro/Archive/728.pdf	2020
8	6,66	STRATULAT Sergiu-Mihai, BRADU Aurelia, TOMA Ionuț-Ovidiu Dynamic and Environmental Assessment of Self-Compacting Concrete, Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. 66(70), No. 3, p. 27-40, ISSN: 1224-3884, 2020 http://www.bipcons.ce.tuiasi.ro/Archive/731.pdf	2020
9	4,00	ȚĂRANU George, BUNEA Georgiana, OLTEANU-DONȚOV Ioana, VENGHIAC Vasile-Mircea, TOMA Ionuț-Ovidiu Stability Analysis of a Scaled-Down Cold-Formed Steel Structure, Computational Civil Engineering (CCE 2019), 30-31 mai, Iași, Romania, IOP Conf. Series: Materials Science and Engineering 586 (2019) 012029, https://doi.org/10.1088/1757-899X/586/1/012029 SCOPUS ID. 2-s2.0-85073561408	2019
10	5,00	PETRESCU Tudor-Cristian, BUDESCU Mihai, MIHAI Petru, TOMA Ionuț-Ovidiu A Holistic Approach to Structural Rehabilitation. A Study of the Metropolitan Cathedral Sections C1 & C2 in Iași, Romania Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. 64(68), No. 3, p. 53-62, ISSN: 1224-3884, 2018 http://www.bipcons.ce.tuiasi.ro/Archive/646.pdf	2018

Nr crt	Rezultate (punctaj)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	Anul Publicării
11	4,00	TOMA Ionuț-Ovidiu , COVATARIU Daniel, TOMA Ana-Maria, ȚĂRANU George, BUDESCU Mihai Greening of Concrete Industry by Incorporating Gypsum-Based Industrial Wastes as Supplementary Cementitious Materials enviBuild 2012 and Building Performance Simulation Conference 2012 Advanced Materials Research, ISSN: 1662-8985, vol. 649, p. 246-249, 2013 http://dx.doi.org/10.4028/www.scientific.net/AMR.649.246 SCOPUS ID. 2-s2.0-84873924477	2013
12	5,00	ȚĂRANU George, BUDESCU Mihai, PLEȘU Raluca, TOMA Ionuț-Ovidiu A New Building System Made of Glass Fiber Reinforced Mineral Matrix Composites enviBuild 2012 and Building Performance Simulation Conference 2012 Advanced Materials Research, ISSN: 1662-8985, vol. 649, p. 225-28, 2013 http://dx.doi.org/10.4028/www.scientific.net/AMR.649.25 SCOPUS ID. 2-s2.0-84873909939	2013
13	6,66	COVATARIU Daniel, ȚĂRAN Rareș-George, TOMA Ionuț-Ovidiu The Strengthening of the Damaged Historic Mansories by Using Special Mortars Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LIX(LXIII), No. 3, p. 113-123, ISSN: 1224-3884, 2013 http://www.bipcons.ce.tuiasi.ro/Archive/382.pdf	2013
14	5,00	ȚĂRANU George, TOMA Ionuț-Ovidiu , PLEȘU Raluca, BUDESCU Mihai Evaluation of Mechanical Performance of a New Glass Fiber Reinforced Matrix Composite, Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LVIII (LXII), No. 1, p. 113-124, ISSN: 1224-3884, 2012 http://www.bipcons.ce.tuiasi.ro/Archive/284.pdf	2012
15	5,00	TOMA Ionuț-Ovidiu , OLTEANU Ioana, TOMA Ana-Maria, BUDESCU Mihai Plan Configuration Influence on Vulnerability of Reinforced Concrete Frame Structures in Seismic Areas 4th International Conference on Advanced Materials and Systems – ICAMS2012, 27-29 Septembrie 2012, București, Romania, p. 571-579, ISSN: 2068-0783 SCOPUS ID. 2-s2.0-84888241119	2012
16	5,00	TOMA Ionuț-Ovidiu , OLTEANU Ioana, TOMA Ana-Maria, BUDESCU Mihai Influence of Curing Conditions on the Self Weight and Strength Characterisitcs of Eco-Mortars 4th International Conference on Advanced Materials and Systems – ICAMS2012, 27-29 Septembrie 2012, București, Romania, p. 199-205, ISSN: 2068-0783 SCOPUS ID. 2-s2.0-84888248275	2012

Nr crt	Rezultate (punctaj)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	Anul Publicării
17	5,00	ȚĂRANU George, TOMA Ionuț-Ovidiu , PLEȘU Raluca, BUDESCU Mihai Tensile Behavior of Glass Fiber Reinforced Cement Composite 4th International Conference on Advanced Materials and Systems – ICAMS2012, 27-29 Septembrie 2012, București, Romania, p. 181-187, ISSN: 2068-0783 SCOPUS ID. 2-s2.0-84888257433	2012
18	5,00	TOMA Ionuț-Ovidiu , COVATARIU Daniel, ȚĂRANU George, BUDESCU Mihai Early-Age Mechanical Properties of Mortars with Different Percentages of Eco-Cement Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LVII (LXI), No. 2, p. 155-166, ISSN: 1224-3884, 2011 http://www.bipcons.ce.tuiasi.ro/Archive/237.pdf	2011
19	6,66	COVATARIU Daniel, TOMA Ionuț-Ovidiu , BUDESCU Mihai Experimental Investigation on Bonding Characteristics of Low-Strength Mortars Used to Repoint the Joints of the Damaged Historical Masonry Structures Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LVII (LXI), No. 2, p. 59-68, ISSN: 1224-3884, 2011 http://www.bipcons.ce.tuiasi.ro/Archive/229.pdf	2011
20	5,00	ȚĂRANU George, TOMA Ionuț-Ovidiu , PLEȘU Raluca, GRĂDINARIU Ionuț Experimental Evaluation of Mechanical Properties of Cement and Calcium Sulphate Mineral Matrix Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LVII (LXI), No. 2, p. 131-140, ISSN: 1224-3884 http://www.bipcons.ce.tuiasi.ro/Archive/235.pdf	2011
21	10,00	TOMA Ionuț-Ovidiu , ATANSIU Gabriela-Maria Modern Trends in Experimental Earthquake Engineering Research, Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LVI (LX), No. 4, p. 43-54, ISSN: 1224- 3884, 2010 http://www.bipcons.ce.tuiasi.ro/Archive/200.pdf	2010
22	6,66	VRABIE Mihai, TOMA Ionuț-Ovidiu , JERCA Ștefan Differential Equation of a Visco/Elastic Beam Subjected to Bending, Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LV (LIX), No. 2, p. 21-32, ISSN: 1224- 3884, 2009 http://www.bipcons.ce.tuiasi.ro/Archive/145.pdf	2009
23	10,00	TEODORU Iancu-Bogdan, TOMA Ionuț-Ovidiu Numerical Analyses of Plate Loading Test Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LV (LIX), No. 1,	2009

Nr crt	Rezultate (punctaj)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	Anul Publicării
		p. 57-66, ISSN: 1224-3884, 2009 http://www.bipcons.ce.tuiasi.ro/Archive/141.pdf	
24	6,66	TOMA Ionuț-Ovidiu , BUDESCU Mihai, ALBU Gheorghe Seismic Behaviour of an Elperimetal Model Made of Thin-Walled Cold Formed Steel Profiles – Hardell Structures, Bulletin of the Polytechnic Institute of Iasi, Construction. Architecture Section, Vol. LV (LIX), No. 1, p. 67-78, ISSN: 1224-3884, 2009 http://www.bipcons.ce.tuiasi.ro/Archive/142.pdf	2009
25	6,66	TOMA Ionuț-Ovidiu , MIKI Tomohiro, NIWA Junichiro Influence of Steel Fibers on the Behavior of RC Beams with Random Cracks The 10th East Asia - Pacific Conference on Structural Engineering and Construction (EASEC – 10), 3-5 august 2006, Bangkok, Tailanda, Vol. “Materials, Experimentation, Maintenance and Rehabilitation”, p. 413-418 SCOPUS ID. 2-s2.0-84886701321	2006
TOTAL	142,61		

2.4. Granturi / proiecte câștigate prin competiție ce finanțează activități de cercetare

2.4.1. Director (pentru instituția coordonatoare) / Responsabil (pentru instituția parteneră):

Nr crt	Subcategorii (Național / Internațional)	Rezultate (punctaje)	Date identificare proiect	Perioada
1	<i>Național</i>	20	BETON SUSTENABIL PENTRU CLĂDIRI EFICIENTE ENERGETIC 730PED din 28/06/2022 (PN-III-P2-2.1-PED-2021-0677)	28.06.2022 - 27.06.2024
	TOTAL	20		

2.4.2. Membru în echipa de implementare a grantului

Nr crt	Subcategorii	Rezultate (punctaje)	Titlul proiectului	Din anul / Până în anul
1	Național	5	Realizarea si testarea modelului experimental al	2018

Nr crt	Subcategorii	Rezultate (punctaje)	Titlul proiectului	Din anul / Până în anul
			unui ansamblu de protecție seismică pentru conducte îngropate de transport apă în vederea introducerii lui în execuție, PNCDI III CEC Inovare nr. 151CI/2018	
2	Internațional	35	ANAGENISSI – Innovative Use of all Tyre Components in Concrete; FP7-ENV-2013-603722	01.2014 – 06.2017
3	Național	15	PN II CAPACITĂȚI: Innovative Use of all Tyre Components in Concrete; Contract nr. 264EU/30.06.2014	07.2014 – 06.2017
4	Internațional	10	E-FAST – Design study of a European facility for advanced seismic testing; FP7-INFRASTRUCTURES-212109, GA nr. 212109	2009 / 2010
5	Național	5	E-FAST – Design study of a European facility for advanced seismic testing; PN II Capacități - 17EU/2010	2009 / 2010
6	Internațional	10	SERIES – Seismic Engineering Research Infrastructures for European Synergies – FP7-INFRA-2008-1.1.2, GA nr.227887/2009	2009 / 2010
TOTAL		80		

3. Recunoaștere și impactul activității (A3)

3.1 Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI

3.1.1. Articole în reviste cotate ISI

Nr crt.	Lucrarea citată	nr citări	Punctaj
1.	<p>TOMA Ionuț-Ovidiu, ALEXA-STRATULAT Sergiu-Mihai, MIHAI Petru, TOMA Ana-Maria, ȚĂRANU George, Experimental Investigations on the Long Term Material Properties of Rubberized Portland Cement Concrete, Appl. Sci. 2021, 11(22), 10868; F.I. = 2,838 (2021), eISSN: 2076-3417 https://doi.org/10.3390/app112210868 WOS: 000725734600001</p> <p><u>Citată de:</u> Mhaya A.M., Baharom S., Baghban M.H., Nehdi M.L., Faridmehr I., Huseien G.F., Algaifi H.A., Ismail</p>	1	9,93

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p>M., <i>Systematic Experimental Assessment of POFA Concrete Incorporating Waste Tire Rubber Aggregate</i>, POLYMERS, 2022, Vol. 14, Issue 11, Article Number: 2294, F.I. = 4,967 (2021), https://doi.org/10.3390/polym14112294 WOS: 000809068100001 $10 \times 4,967 / 5 = 9,93$</p>		
2	<p>ANCAȘ Diana-Ana, AȘCHILEAN Ioan, PROFIRE Mihai, TOMA Ionuț-Ovidiu System for Increasing the Seismic Safety of Pipelines in the Water Supply and Distribution Networks, Water, 11(5), 1049; F.I. = 2,544 (2019), eISSN: 2073-4441 https://doi.org/10.3390/w11051049 WOS:000472680400179</p> <p><u>Citată de:</u></p> <p>Ancas A.D., Aschilean I, Profire M., Turcanu F.E., Felseghi R.A., <i>Experimental Study on the Behaviour of Seismic Actions on a Flexible Glass-Reinforced Plastic Structure Used in Water Transport Pipes</i>, MATERIALS, 2021, Vol. 14, Issue: 11, Article Number 2878, F.I. = 3,748 (2021), https://doi.org/10.3390/ma14112878 WOS: 000661220500001 $10 \times 3,748 / 4 = 9,37$</p>	1	9,37
3	<p>OPRIȘAN Gabriel, ENȚUC Ioana-Sorina, MIHAI Petru, TOMA Ionuț-Ovidiu, ȚĂRANU Nicolae, BUDESCU Mihai, MUNTEANU Vlad Behaviour of Rubberized Concrete Short Columns Confined by Aramid Fibre Reinforced Polymer Jackets Subjected to Compression, Advances in Civil Engineering, ISSN: 1687-8086, Vol. 2019, Article ID. 1360620, F.I. = 1,176 (2019), https://doi.org/10.1155/2019/1360620 WOS:000460208600001</p> <p><u>Citată de:</u></p> <p>Cao Y.G., Zhao G.X., Zhang Y., Hou C., Mao L., <i>Unified Stress-Strain Model of FRP-Confined Square and Circle Rubber Concrete Columns</i>, MATERIALS, 2022, Vol. 15, Issue: 6, Article Number 1832, F.I. = 3,748 (2021), https://doi.org/10.3390/ma15051832 WOS: 000769113800001 $10 \times 3,748 / 7 = 5,35$</p> <p>Khusru S., Thambiratnam D.P., Elchalakani M., Fawzia S., <i>Hybrid double skin FRP-Steel column with rubberised concrete infill under axial loading</i>, ENGINEERING STRUCTURES, 2021, Vol. 249, Article</p>	4	33,08

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p>Number 113267, F.I. = 5,582 (2021), https://doi.org/10.1016/j.engstruct.2021.113267 WOS: 000707474500001 $10 \times 5,582 / 7 = 7,97$</p> <p>Khusru S., Fawzia S., Thambiratnam D.P., Elchalakani M., <i>Confined rubberised concrete tubular column for high-performance structures – Review</i>, CONSTRUCTION AND BUILDING MATERIALS, 2021, Vol. 276, Article Number: 122216, F.I. = 7,693 (2021), https://doi.org/10.1016/j.conbuildmat.2020.122216 WOS: 000634522000040 $10 \times 7,693 / 7 = 10,99$</p> <p>Polydorou T., Constantinides G., Neocleous K., Kyriakides N., Koutsokeras L., Chrysostomou C., Hadjimitsis D., <i>Effects of pre-treatment using waste quarry dust on the adherence of recycled tyre rubber particles to cementitious paste in rubberised concrete</i>, CONSTRUCTION AND BUILDING MATERIALS, 2020, Vol. 254, Article Number: 119325, F.I. = 6,141 (2020), https://doi.org/10.1016/j.conbuildmat.2020.119325 WOS: 000540695700036 $10 \times 6,141 / 7 = 8,77$</p>		
4	<p>TOMA Ionuț-Ovidiu, ȚĂRANU Nicolae, BANU Oana-Mihaela, BUDESCU Mihai, MIHAI Petru, ȚĂRAN Rareș-George The Effect of the Aggregate Replacement by Waste Tyre Rubber Crumbs on the Mechanical Properties of Concrete, Romanian Journal of Materials, ISSN: 1583-3186, vol. 45(4), p. 394-401, F.I. = 0,612 (2015) WOS:000367029800013</p> <p><u>Citată de:</u></p> <p>Miladirad K., Golafshani E.M., Safehian M., Sarkar A., <i>Application of machine learning methods for predicting the mechanical properties of rubbercrete</i>, ADVANCES IN CONCRETE CONSTRUCTION, 2022, Vol. 14, Issue: 1, Pag. 15-34, F.I. = 2,58 (2021), https://doi.org/10.12989/acc.2022.14.1.015 WOS: 000836436700002 $10 \times 2,58 / 6 = 4,3$</p> <p>Miladirad K., Golafshani E.M., Safehian M., Sarkar A., <i>Modeling the mechanical properties of rubberized concrete using machine learning methods</i>, COMPUTERS AND CONCRETE, 2021, Vol. 28, Issue: 6, Pag. 467-483, F.I. = 7,628 (2021), https://doi.org/10.12989/cac.2021.28.6.567</p>	8	48,73

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p>WOS: 000737904300004 $10 \times 7,628 / 6 = 12,71$</p> <p>Golafshani E.M., Arashpour M., Kashani A., <i>Green mix design of rubbercrete using machine learning-based ensemble model and constrained multi-objective optimization</i>, JOURNAL OF CLEANER PRODUCTION, 2021, Vol. 327, Article Number: 129518, F.I. = 11,072 (2021), https://doi.org/10.1016/j.jclepro.2021.129518</p> <p>WOS: 000723222400005 $10 \times 11,072 / 6 = 18,45$</p> <p>Hadzima-Nyarko M., Nyarko E.K., Ademovic N., Milicevic I., Sipos T.K., <i>Modelling the Influence of Waste Rubber on Compressive Strength of Concrete by Artificial Neural Networks</i>, MATERIALS, 2019, Vol. 12, Issue: 4, Article Number: 561, F.I. = 3,057 (2019), https://doi.org/10.3390/ma12040561</p> <p>WOS: 000460793300011 $10 \times 3,057 / 6 = 5,09$</p> <p>Diaconu L.I., Plian D., Taranu N., Banu O.M., Diaconu A.C., Babor D.T., <i>The long term behaviour of some fly ash concrete mixes subjected to dissolving - levigation corrosion</i>, ROMANIAN JOURNAL OF MATERIALS, 2019, Vol. 49, Issue: 2, Pag. 267-273, F.I. = 0,542 (2019)</p> <p>WOS: 000474908300013 $10 \times 0,542 / 6 = 0,90$</p> <p>Elghazouli A.Y., Bompa D.V., Xu B., Ruiz-Teran A.M., Stafford P.J., <i>Performance of rubberised reinforced concrete members under cyclic loading</i>, ENGINEERING STRUCTURES, 2018, Vol. 166, Pag. 526-545, F.I. = 3,084 (2018), https://doi.org/10.1016/j.engstruct.2018.03.090</p> <p>WOS: 000433268500039 $10 \times 3,084 / 6 = 5,14$</p> <p>Stefan I., Barbuta M., Budescu M., Mihai P., Banu O.M., Taranu N., <i>Particularities regarding the mechanical behaviour of some types of sustainable concrete mixes with waste materials</i>, ROMANIAN JOURNAL OF MATERIALS, 2018, Vol. 48, Issue: 2, Pag. 236-244. F.I. = 0,628 (2018)</p> <p>WOS:000435472300014 $10 \times 0,628 / 6 = 1,04$</p> <p>Bradu A., Mihai P., Budescu M., Banu O.M., Taranu N., Florea N., <i>The comparative study of the self-</i></p>		

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<i>compacting concrete and of vibrated concrete properties including the complete characteristic curve under compression</i> , ROMANIAN JOURNAL OF MATERIALS, 2017, Vol. 47, Issue: 3, Pag. 379-386, F.I. = 0,661 (2017) WOS:000411922800013 $10 \times 0,661 / 6 = 1,10$		
5	<p>BUDESCU Mihai, MIHAI Petru, ȚĂRANU Nicolae, LUNGU Irina, BANU Oana-Mihaela, TOMA Ionuț-Ovidiu Establishing The Complete Characteristic Curve Of Concrete Loaded In Compression, Romanian Journal of Materials, ISSN: 1583-3186, vol. 45(1), p. 43-54, F.I. = 0,612 (2015) WOS:000352755800006</p> <p><u>Citată de:</u></p> <p>Stefan I., Barbuta M., Budescu M., Mihai P., Banu O.M., Taranu N., <i>Particularities regarding the mechanical behaviour of some types of sustainable concrete mixes with waste materials</i>, ROMANIAN JOURNAL OF MATERIALS, 2018, Vol. 48, Issue: 2, Pag. 236-244. F.I. = 0,628 (2018) WOS:000435472300014 $10 \times 0,628 / 6 = 1,04$</p> <p>Bradu A., Mihai P., Budescu M., Banu O.M., Taranu N., Florea N., <i>The comparative study of the self-compacting concrete and of vibrated concrete properties including the complete characteristic curve under compression</i>, ROMANIAN JOURNAL OF MATERIALS, 2017, Vol. 47, Issue: 3, Pag. 379-386, F.I. = 0,661 (2017) WOS:000411922800013 $10 \times 0,661 / 6 = 1,10$</p>	2	2,14
6	<p>BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu Experimental Evaluation of Strength and Elastic Properties of Polymer Concrete with Different Volumes of Volcanic Tuff Acting as Filler, ASCE Journal of Materials in Civil Engineering, ISSN: 1943-5533, vol 27(6), F.I. = 1,295 (2015) https://doi.org/10.1061/(ASCE)MT.1943-5533.0001155 WOS:000354552400018</p> <p><u>Citată de:</u></p> <p>Thiam M., Fall M., Engineering properties of a building material with melted plastic waste as the only binder, JOURNAL OF BUILDING ENGINEERING, 2021, Vol. 44, Article Number: 102684, F.I. = 7,144</p>	4	73,67

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p>(2021), https://doi.org/10.1016/j.jobbe.2021.102684 WOS:000702731200001 $10 \times 7,144 / 2 = 35,72$</p> <p>Toufigh V., Toufigh V., Saadatmanesh H., Ahmari S., Kabiri E., <i>Behavior of polymer concrete beam/pile confined with CFRP sleeves</i>, MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, 2019, Vol. 26, Issue: 4, Pag. 333-340, F.I. = 3,517, https://doi.org/10.1080/15376494.2017.1387323 WOS:000469241400005 $10 \times 3,517 / 2 = 17,58$</p> <p>Ciocan V., Serbanoiu A.A., Dragoi E.N., Curteanu S., Burlacu A., <i>Optimization of glass fibers used as disperse reinforcement of epoxy polymer concrete with fly ash</i>, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 2017, Vol. 16, Issue: 6, Pag. 1115-1121, F.I. = 1,334 (2017) WOS:000409069600011 $10 \times 1,334 / 2 = 6,67$</p> <p>Cai G.C., Noguchi T., Degée H., Zhao J., Kitagaki R., <i>Volcano-related materials in concretes: a comprehensive review</i>, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2016, Vol. 23, Issue: 8, Pag. 7220-7243, F.I. = 2,741 (2016), https://doi.org/10.1007/s11356-016-6161-z WOS:000374994600019 $10 \times 2,741 / 2 = 13,70$</p>		
7	<p>COVATARIU Daniel, LUNGU Irina, ȚĂRANU Nicolae, BUDESCU Mihai, TOMA Ionuț-Ovidiu The influence of joints rehabilitation on structural response of masonry with low-strength mortars, Romanian Journal of Materials, ISSN: 1583-3186, vol. 43(3), p. 251-262, F.I. = 0,538 (2013) WOS:000324848100003</p> <p><u>Citată de:</u></p> <p>Kaddouri H., Cherradi T., Kourdou I., Rotaru A., Taranu N., Mihai P., <i>Fabric-reinforced cementitious matrix (FRCM) versus fibre-reinforced plastic (FRP) as strengthening material of unreinforced masonry walls subjected to diagonal compression</i>, ROMANIAN JOURNAL OF MATERIALS, 2020, Vol. 50, Issue: 3, Pag. 429-437, F.I. = 0,563 (2020) WOS:000573097800017 $10 \times 0,563 / 5 = 1,12$</p> <p>Mosoarca M., Keller A.I., Petrus C., Racolta A., Failure analysis of historical buildings due to climate</p>	2	5,43

Nr crt.	Lucrarea citată	nr citări	Punctaj
	change, ENGINEERING FAILURE ANALYSIS, 2017, Vol. 82, Pag., 666-680, F.I. = 2,157 (2017), https://doi.org/10.1016/j.engfailanal.2017.06.013 WOS:000413323400056 $10 \times 2,157 / 5 = 4,31$		
8	<p>TOMA Ionuț-Ovidiu, COVATARIU Daniel, TOMA Ana-Maria, ȚĂRANU George, BUDESCU Mihai Strength and elastic properties of mortars with various percentages of environmentally sustainable mineral binder, Construction and Building Materials, ISSN: 0950-0618, vol. 43, p. 348-361, F.I. = 2,265 (2013) https://doi.org/10.1016/j.conbuildmat.2013.02.061 WOS:000319232900037</p> <p><u>Citată de:</u></p> <p>Ko H., Lee H.S., Lim H.M., <i>Effects of additives in colloidal silica based inorganic-hybrid binder for mineral wool insulation boards</i>, JOURNAL OF ASIAN CERAMIC SOCIETIES, 2020, Vol. 8, Issue: 4, Pag. 1285-1295, F.I. = 3,125 (2020), https://doi.org/10.1080/21870764.2020.1842118 WOS:000588815500001 $10 \times 3,125 / 5 = 6,25$</p> <p>Gutierrez-Moizant R., Ramirez-Berasategui M., Sanchez-Sanz S., Santos-Cuadros S., <i>Experimental verification of the boundary conditions in the success of the Brazilian test with loading arcs. An uncertainty approach using concrete disks</i>, INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, 2020, Vol. 132, Article Number: 104380, F.I. = 7,135 (2020), https://doi.org/10.1016/j.ijrmms.2020.104380 WOS:000562955800005 $10 \times 7,135 / 5 = 14,27$</p> <p>Gutierrez-Moizant R., Ramirez-Berasategui M., Santos-Cuadros S., Garcia-Fernandez C.C., <i>A Novel Analytical Solution for the Brazilian Test with Loading Arcs</i>, MATHEMATICAL PROBLEMS IN ENGINEERING, 2020, Vol. 2020, Article Number: 2935812, F.I. = 1,305 (2020), https://doi.org/10.1155/2020/2935812 WOS:000522081000004 $10 \times 1,305 / 5 = 2,61$</p> <p>Zhang Z.Q., Zhang Y.Z., Yang A.M., Xing H.W., Tian T.L., Li Z.H., <i>Preparation and Properties of Slag Wool Board using Modified Polyvinyl Alcohol as Binder</i>, MATERIALS AND MANUFACTURING</p>	4	25,96

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p>PROCESSES, 2015, Vol. 31, Issue: 2, Pag. 168-172, F.I. = 1,419 (2015), https://doi.org/10.1080/10426914.2015.1019128 $10 \times 1,419 / 5 = 2,83$</p>		
9	<p>BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu, HARJA Maria, TOMA Ana-Maria, GAVRILOAIA Constantin Behavior of short polymer-high strength concrete columns under eccentric compression, Archives of Civil and Mechanical Engineering, ISSN: 1644-9665, vol. 13, no. 1, p. 119-127, F.I. = 1,331 (2013) http://dx.doi.org/10.1016/j.acme.2012.10.004 WOS:000314448200016</p> <p><u>Citată de:</u></p> <p>Reddy M.A.K., Rao V.R., Khed V.C., Chaitanya K.N., <i>Optimization of reinforced bentocrete column parameters under eccentric compression</i>, STRUCTURES, 2022, Vol. 41, Pag. 1027-1060, F.I. = 4,01 (2021), https://doi.org/10.1016/j.istruc.2022.05.050 WOS:000815759600001 $10 \times 4,01 / 5 = 8,02$</p> <p>Niaki M.H., Fereidoon A., Ahangari M.G., <i>Mechanical properties of epoxy/basalt polymer concrete: Experimental and analytical study</i>, STRUCTURAL CONCRETE, 2018, Vol. 19, Issue: 2, Pag. 366-373, F.I. = 1,885 (2018), https://doi.org/10.1002/suco.201700003 WOS:000430827400004 $10 \times 1,885 / 5 = 3,77$</p> <p>Ma Y.F., Xu F.Y., Wang L., Zhang J.R., Zhang X.H., <i>Influence of corrosion-induced cracking on structural behavior of reinforced concrete arch ribs</i>, ENGINEERING STRUCTURES, 2016, Vol. 117, Pag. 184-194, F.I. = 2,258 (2016), https://doi.org/10.1016/j.engstruct.2016.03.008 WOS:000375817600013 $10 \times 2,258 / 5 = 4,51$</p>	3	16,30
10	<p>TOMA Ionuț-Ovidiu, ȚĂRANU George, TOMA Ana-Maria, BUDESCU Mihai Influence of Cement and Sand Type on the Strength Characteristics of Mortars with Various Contents of Green Binder, 2011 International Conference On Green Buildings And Sustainable Cities Procedia Engineering, ISSN: 1877-7058, vol. 21, 196-203, 2011 https://doi.org/10.1016/j.proeng.2011.11.2004 WOS: 000300505700025</p>	2	6,17

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p><u>Citată de:</u></p> <p>Rusati P.K., Song K.I., Yoon Y.W., Hwang W., Liu L., <i>Electrical resistivity and elastic wave velocity of sand-cement-inorganic binder mixture</i>, ENVIRONMENTAL GEOTECHNICS, 2020, Vol. 7, Issue: 5, Pag. 318-329, F.I. = 1,934 (2020), https://doi.org/10.1680/jenge.17.00082 WOS:000562694700002 $10 \times 1,934 / 4 = 4,83$</p> <p>Taranu G., Lungu I., Taranu N., Budescu M., <i>Mechanical characteristics of glass fibre reinforced composites with cement and recycled anhydrite matrix</i>, ROMANIAN JOURNAL OF MATERIALS, 2013, Vol. 43, Issue: 2, Pag. 139-149, F.I. = 0,538 (2013) WOS:000320638300003 $10 \times 0,528 / 4 = 1,34$</p>		
11	<p>PETRESCU Tudor-Cristian, MIHAI Petru, TOMA Ionuț-Ovidiu Tensile Testing of a Biocomposite Material – “Liquid Wood”, International Conference on Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment, CRIT-RE-BUILT 2019; Iași; Romania; 7 November 2019 through 9 November 2019; Code 251059 Springer Series in Geomechanics and Geoengineering, ISBN: 978-3-030-61117-0, p. 249-253, 2021 https://doi.org/10.1007/978-3-030-61118-7_22 SCOPUS ID: 2-s2.0-85097431155</p> <p><u>Citată de:</u></p> <p>Lepadatu D., Isopescu D., Judele L., Cucos I., Antonescu I., Alecu I.C., PARTICULARITIES OF SYNTHETIC WOOD - A BIOMATERIAL WITH RECYCLED WASTE, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 2021, Vol. 20, Issue: 4, Pag. 585-592, F.I. = 0,858 (2021) WOS:000637747700010 $10 \times 0,858 / 3 = 2,86$</p>	1	2,86
12	<p>ȚĂRANU George, TOMA Ionuț-Ovidiu Experimental Investigation and Numerical Simulation of C-Shape Thin-Walled Steel Profile Joints Buildings 2021, 11(12), 636; F.I. = 3,324 (2021), eISSN: 2075-5309 https://doi.org/10.3390/buildings11120636 WOS: 000742698000001</p>	2	37,48

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p><u>Citată de:</u></p> <p>Mrówczyński D., Gajewski T., Garbowski T., Parametric Study of the Numerical Model of a Bolted Connection of Steel Structure for Photovoltaic Panels, MDPI Materials, 2022, 15(19), 6794, F.I. = 3,748 (2021); https://doi.org/10.3390/ma15196794 WOS:000867970000001 $10 \times 3,748 / 2 = 18,74$</p> <p>Staszak N., Gajewski T., Garbowski T., Effective Stiffness of Thin-Walled Beams with Local Imperfections, MDPI Materials, 2022, 15(21), 7665, F.I. = 3,748 (2021); https://doi.org/10.3390/ma15217665 WOS: 000882140400001 $10 \times 3,748 / 2 = 18,74$</p>		
	TOTAL:	34	271,12

3.1.2. Articole în volumele unor manifestări științifice indexate ISI

Nr crt.	Lucrarea citată	nr citări	Punctaj
1	<p>BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu Experimental Evaluation of Strength and Elastic Properties of Polymer Concrete with Different Volumes of Volcanic Tuff Acting as Filler, ASCE Journal of Materials in Civil Engineering, ISSN: 1943-5533, vol 27(6), F.I. = 1,295 (2015) https://doi.org/10.1061/(ASCE)MT.1943-5533.0001155 WOS:000354552400018</p> <p><u>Citată de:</u></p> <p>Tukhareli V.D., Tukhareli A.V., Cherednichenko T.F., <i>Investigation of Mechanism of Action of Modifying Admixtures Based on Products of Petrochemical Synthesis on Concrete Structure</i>, INTERNATIONAL CONFERENCE ON CONSTRUCTION, ARCHITECTURE AND TECHNOSPHERE SAFETY (ICCATS</p>	1	1,25

Nr crt.	Lucrarea citată	nr citări	Punctaj
	2017) IOP Conference Series-Materials Science and Engineering, Vol. 262, Article Number: 012007, https://doi.org/10.1088/1757-899X/262/1/012007 WOS:000423728200007 $2,5 / 2 = 1,25$		
2	TOMA Ionuț-Ovidiu, COVATARIU Daniel, TOMA Ana-Maria, ȚĂRANU George, BUDESCU Mihai Strength and elastic properties of mortars with various percentages of environmentally sustainable mineral binder, Construction and Building Materials, ISSN: 0950-0618, vol. 43, p. 348-361, F.I. = 2,265 (2013) https://doi.org/10.1016/j.conbuildmat.2013.02.061 WOS:000319232900037 Citată de: Latif M.A., Naganathan S., Razak H.A., Mustapha K.N., <i>Evaluating the performance of calcium carbide kiln dust in mortar - initial study</i> , CIVIL ENGINEERING INNOVATION FOR A SUSTAINABLE, 5th Euro Asia Civil Engineering Forum (EACEF-2015) Procedia Engineering, Vol. 125, Pag. 788-795, 2015, https://doi.org/10.1016/j.proeng.2015.11.138 WOS:000370957800112 $2,5 / 5 = 0,5$	1	0,5
3	BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu, HARJA Maria, TOMA Ana-Maria, GAVRILOAIA Constantin Behavior of short polymer-high strength concrete columns under eccentric compression, Archives of Civil and Mechanical Engineering, ISSN: 1644-9665, vol. 13, no. 1, p. 119-127, F.I. = 1,331 (2013) http://dx.doi.org/10.1016/j.acme.2012.10.004 WOS:000314448200016 Citată de: Cardinale T., Arleo G., Bernardo F., Feo A., De Fazio P., Thermal and mechanical characterization of panels made by cement mortar and sheep's wool fibres, AiCARR 50th International Congress - BEYOND NZEB BUILDINGS (2017) Procedia Energy, Vol. 140, Pag. 159-169, 2017, https://doi.org/10.1016/j.egypro.2017.11.132 WOS:000426433900015 $2,5 / 5 = 0,5$	1	0,5
4	LUCA Septimiu-George, PASTIA Cristian, TOMA Ionuț-Ovidiu, BUDESCU Mihai Control Strategies for Seismic Energy Dissipation	2	1,24

Nr crt.	Lucrarea citată	nr citări	Punctaj
	<p>Science and Technologies in Geology, Exploration and Mining, vol. I, ISBN: 978-619-7105-07-0, p. 435-442, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria WOS:000371300500058</p> <p><u>Citată de:</u></p> <p>Dragomir C.S., Dobre D., Simion A., Structural vibration and fire resistance, SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING (2021), Vol. 10, Pag. 135-140 WOS:000704605600020 $2,5 / 4 = 0,62$</p> <p>Olteanu I., Budescu M., Canarache R.M., Breanban V., <i>Analysis of the effect of the reinforcement details for structures subjected to seismic loading</i>, IRF2016: 5TH INTERNATIONAL CONFERENCE INTEGRITY-RELIABILITY-FAILURE – 2016, Pag. 1071-1080 WOS:000388368100169 $2,5 / 4 = 0,62$</p>		
	TOTAL:	5	3,49

3.1.3. Articole în reviste indexate BDI

Nr crt.	Lucrarea citata	nr citări	Punctaj
1	<p>BĂRBUȚĂ Marinela, TOMA Ionuț-Ovidiu, HARJA Maria, TOMA Ana-Maria, GAVRILOAIA Constantin Behavior of short polymer-high strength concrete columns under eccentric compression, Archives of Civil and Mechanical Engineering, ISSN: 1644-9665, vol. 13, no. 1, p. 119-127, F.I. = 1,331 (2013) http://dx.doi.org/10.1016/j.acme.2012.10.004 WOS:000314448200016</p> <p><u>Citată de:</u></p> <p>Ma Y.F., Wang L., Zhang J.R., <i>Experimental and numerical studies on reinforced concrete arch ribs with corrosion-induced cracks</i>, GONGCHENG LIXUE/ENGINEERING MECHANICS, Vol. 34, Issue 3, Pag. 155 – 161, 1 March 2017 https://doi.org/10.6052/j.issn.1000-4750.2015.09.0749 SCOPUS Id: 2-s2.0-85019223741 $2 / 5 = 0,4$</p>	3	1,2

Nr crt.	Lucrarea citata	nr citări	Punctaj
	<p>Dong X., Jin M., <i>Study on critical preload of prestressed composite structure hydraulic press</i>, ZHONGGUO JIXIE GONGCHENG/CHINA MECHANICAL ENGINEERING, Issue 9, Pag. 1158 – 1163, 10 May 2014 https://doi.org/10.3969/j.issn.1004-132X.2014.09.005 SCOPUS Id: 2-s2.0-84901595922 2 / 5 = 0,4</p> <p>Barbua M., Harja M., Ciobanu G., <i>Mechanical properties of polymer concrete containing tire waste power</i>, JOURNAL OF FOOD, AGRICULTURE AND ENVIRONMENT, Vol. 12, Issue 2, Pag. 1185 – 1190, 2014 SCOPUS Id: 2-s2.0-84903745184 2 / 5 = 0,4</p>		
	TOTAL:	3	1,2

3.1.4. Articole în volumele unor manifestări științifice indexate BDI

Nr crt.	Lucrarea citata	nr citări	Punctaj
1	<p>COVATARIU Daniel, LUNGU Irina, ȚĂRANU Nicolae, BUDESCU Mihai, TOMA Ionuț-Ovidiu The influence of joints rehabilitation on structural response of masonry with low-strength mortars, Romanian Journal of Materials, ISSN: 1583-3186, vol. 43(3), p. 251-262, F.I. = 0,538 (2013) WOS:000324848100003</p> <p><u>Citată de:</u> Banu O.M., Custura S., Olteanu-Dontov I., Movila M., <i>The Rehabilitation Process of an Emblematic Historic Building of Iasi County</i>, Springer Series in Geomechanics and Geoengineering, Pag. 553 – 567 2021 International Conference on Critical Thinking in the Sustainable Rehabilitation and Risk Management of the Built Environment, CRIT-RE-BUILT 2019, Iași, 7 November 2019 - 9 November, 2019 https://doi.org/10.1007/978-3-030-61118-7_45 SCOPUS Id: 2-s2.0-85097433141 1 / 5 = 0,2</p>	1	0,2
2	<p>TOMA Ionuț-Ovidiu, COVATARIU Daniel, TOMA Ana-Maria, ȚĂRANU George, BUDESCU Mihai Strength and elastic properties of mortars with various percentages of environmentally sustainable</p>	1	0,2

Nr crt.	Lucrarea citata	nr citări	Punctaj
	<p>mineral binder, Construction and Building Materials, ISSN: 0950-0618, vol. 43, p. 348-361, F.I. = 2,265 (2013) https://doi.org/10.1016/j.conbuildmat.2013.02.061 WOS:000319232900037</p> <p><u>Citată de:</u> El Nouhy H.,Khattab E., Zeedan S., <i>Behavior of cement pastes and mortar containing phosphogypsum</i>, Key Engineering Materials, Vol. 668, Pag. 181 – 188, 2016 15th International Conference on Non - Conventional Materials and Technologies, NOCMAT 2014, Pirassununga, 23 November 2015 - 25 November 2015 https://doi.org/10.4028/www.scientific.net/KEM.668.181 SCOPUS Id: 2-s2.0-84954156683 1 / 5 = 0,2</p>		
3	<p>LUCA Septimiu-George, PASTIA Cristian, TOMA Ionuț-Ovidiu, BUDESCU Mihai Control Strategies for Seismic Energy Dissipation Science and Technologies in Geology, Exploration and Mining, vol. I, ISBN: 978-619-7105-07-0, p. 435-442, SGEM2014 – 14th International Multidisciplinary Scientific GeoConference, 17-26 iunie 2014, Albena, Bulgaria WOS:000371300500058</p> <p><u>Citată de:</u> Dragomir C.S., Dobre D., <i>Seismic and non-seismic analyses to preserve a cultural heritage Masonry building</i>, WIT Transactions on the Built Environment, Vol. 191, Pag. 479 – 489, 2019 16th International Conference on Studies, Repairs and Maintenance of Heritage Architecture, 2019, Seville, 7 October 2019 - 9 October 2019 https://doi.org/10.2495/STR190411 SCOPUS Id: 2-s2.0-85082165911 1 / 4 = 0,25</p> <p>Dragomir C.S., Dobre D., <i>Selection criteria for investigation of microseismic and ambient vibrations</i>, International Multidisciplinary Scientific GeoConference, Surveying Geology and Mining Ecology Management, SGEM Vol. 17, Issue 14, Pag. 389 – 396, 2017 17th International Multidisciplinary Scientific Geoconference, SGEM 2017, Albena, 29 June 2017 - 5 July, 2017</p>	4	1,00

Nr crt.	Lucrarea citata	nr citări	Punctaj
	<p>https://doi.org/10.5593/sgem2017/14/S05.049 SCOPUS Id: 2-s2.0-85032510042 1 / 4 = 0,25</p> <p>Luca S.G., Pastia C., Paulet-Crainiceanu F., Florea V., <i>Design principles for yielding energy dissipation devices</i>, International Multidisciplinary Scientific GeoConference, Surveying Geology and Mining Ecology Management, SGEM Vol. 17, Issue 14, Pag. 93 – 102, 2017 17th International Multidisciplinary Scientific Geoconference, SGEM 2017, Albena, 29 June 2017 - 5 July, 2017</p> <p>https://doi.org/10.5593/sgem2017/14/S05.012 SCOPUS Id: 2-s2.0-85032487990 1 / 4 = 0,25</p> <p>Luca S.G., Pastia C., Budescu M., Teodoru I.B., Bejan F., <i>Evaluation of seismic energy in structures using passive fluid dampers</i>, International Multidisciplinary Scientific GeoConference, Surveying Geology and Mining Ecology Management, SGEM Vol. 3, Issue 1, Pag. 847 – 854, 2015 15th International Multidisciplinary Scientific Geoconference and EXPO, SGEM 2015, Albena, 18 June 2015 - 24 June 2015 SCOPUS Id: 2-s2.0-84946567324 1 / 4 = 0,25</p>		
4	<p>TOMA Ionuț-Ovidiu, ȚĂRANU George, TOMA Ana-Maria, BUDESCU Mihai Influence of Cement and Sand Type on the Strength Characteristics of Mortars with Various Contents of Green Binder, 2011 International Conference On Green Buildings And Sustainable Cities Procedia Engineering, ISSN: 1877-7058, vol. 21, 196-203, 2011 https://doi.org/10.1016/j.proeng.2011.11.2004 WOS: 000300505700025</p> <p><u>Citată de:</u></p> <p>Francesconi L., Pala L., Pani L., Rombi J., Salis M., <i>Influence on mechanical performance of cementitious mortar incorporating anhydrous calcium sulphate</i>, fib Symposium, Vol. 2021-June, Pag. 302 – 311, 2021 2021 fib Symposium of Concrete Structures: New Trends for Eco-Efficiency and Performance, Virtual, Lisbon, 14 June 2021 - 16 June 2021 SCOPUS Id: 2-s2.0-85134825810</p>	3	0,75

Nr crt.	Lucrarea citata	nr citări	Punctaj
	<p>1 / 4 = 0,25</p> <p>Rusati P.K., Kim S., Song K.I., <i>Geophysical Properties of Sand-Cement-Inorganic Binder Mixture: Electrical Resistivity and Elastic Wave Velocity</i>, Sustainable Civil Infrastructures, Pag. 107 – 114, 2019 5th GeoChina International Conference on Civil Infrastructures Confronting Severe Weathers and Climate Changes: From Failure to Sustainability, 2018, HangZhou, 23 July 2018 - 25 July 2018 SCOPUS Id: 2-s2.0-85101498647 1 / 4 = 0,25</p> <p>El Nouhy H., Khattab E., Zeedan S., Behavior of cement pastes and mortar containing phosphogypsum, <i>Key Engineering Materials</i>, Vol. 668, Pag. 181 – 188, 2016 15th International Conference on Non - Conventional Materials and Technologies, NOCMAT 2014, Pirassununga, 23 November 2015 - 25 November 2015 https://doi.org/10.4028/www.scientific.net/KEM.668.181 SCOPUS Id: 2-s2.0-84954156683 1 / 4 = 0,25</p>		
	TOTAL:	9	2,15

3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale (keynote-speaker)

Nr crt.	Detalii Conferință / Prezentare	Punctaj
1	<p>TOMA Ionuț-Ovidiu, PETRESCU Tudor-Cristian, TOMA Ana-Maria, MIHAI Petru, PETCU Ozana-Adnana, <i>Evolution of Concrete from a Traditional Material to a Next Generation Sustainable Solution</i> Keynote lecture / presentation: Concrete Structures for Next Generation (CSNG), 17-19 iunie, Kanazawa, Japonia http://www2.kanazawa-it.ac.jp/miyalab/csn2019.html</p>	10
TOTAL		10

3.3 Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice, Recenzor pentru reviste și manifestări științifice naționale și internaționale

3.3.1. Membru în colective de redacție sau recenzor pentru reviste cotate ISI (Clarivate Analytics)

Nr crt.	Revistă	Recenzor / Comitet științific / Echipă editorială	Nr. Recenzii
1	ELSEVIER – Construction and Building Materials, ISSN: 0950-0618	Recenzor	4

Nr crt.	Revistă	Recenzor / Comitet științific / Echipă editorială	Nr. Recenzii
2	ELSEVIER – Engineering Structures, ISSN: 0141-0296	Recenzor	20
	ELSEVIER – Journal of Building Engineering, ISSN 2352-7102	Recenzor	1
3	ASCE – Journal of Materials in Civil Engineering, ISSN: 1943-5533	Recenzor	9
4	Frontiers in Materials, ISSN: 2296-8016	Recenzor	20
5	MDPI – Journal of Composites Science, ISSN: 2504-477X	Recenzor	2
6	MDPI – Materials, eISSN: 1996-1944	Recenzor	46
7	MDPI – Buildings, eISSN: 2075-5309	Recenzor	7
8	MDPI – Sustainability, eISSN: 2071-1050	Recenzor	2
9	MDPI – Applied Sciences, eISSN: 2076-3417	Recenzor	15
10	MDPI – Heritage, eISSN: 2571-9408	Recenzor	1
11	MDPI – Forests, eISSN: 1999-4907	Recenzor	1
12	SPRINGER – Environmental Earth Sciences, ISSN: 1866-6280	Recenzor	4
13	TAYLOR & FRANCIS – Marine Georesources and Geotechnology, ISSN: 1064-119X	Recenzor	1
14	MDPI – Coatings, eISSN 2079-6412, Special Issue: Recent Progress in Sustainability and Durability of Concrete and Mortar Composites https://www.mdpi.com/journal/coatings/special_issues/concrete_mortar_composites	Echipă editorială	-
15	Frontiers in Materials: Structural Materials, ISSN: 2296-8016 https://loop.frontiersin.org/people/159813/overview	Echipă editorială	-
	TOTAL:		133

3.3.2. Membru în colective de redacție sau recenzor pentru reviste indexate BDI

Nr crt.	Revistă	Recenzor / Comitet științific / Echipă editorială	Nr. Recenzii
1	MDPI – Modelling, eISSN: 2673-3951	Recenzor	2
2	MDPI – Construction Materials, eISSN: 2673-7108	Recenzor	1
3	MDPI – Recycling, eISSN: 2313-4321	Recenzor	2
4	American Journal of Civil Engineering, ISSN: 2330-8729	Recenzor	1
5	Journal of Engineering Sciences, ISSN: 1687-0530	Recenzor	1
6	Bulletin of the Polytechnic Institute of Jassy. Construction. Architecture Section, ISSN: 1224-3884	Echipă editorială	6

Nr crt.	Revistă	Recenzor / Comitet științific / Echipă editorială	Nr. Recenzii
7	MDPI – Construction Materials, eISSN: 2673-7108 https://www.mdpi.com/journal/constrmater/topical_advisory_panel	Echipă editorială	-
	TOTAL:		13

3.3.3. Membru în comitete științifice, organizator sau recenzor pentru manifestări științifice

Nr crt.	Manifestări științifice	Recenzor / Comitet științific / Organizator	Nr. Recenzii
1	International Multidisciplinary Scientific GeoConference Surveying, Geology and Mining, Ecology and Management – SGEM 2018 www.sgem.org . https://sgemworld.at/index.php/reviewers-committee/reviewers-eps	Recenzor	5
2	Computational Civil Engineering – CCE 2019 www.cce.ci.tuiasi.ro	Organizator Comitet științific	5
3	4th International Symposium on Concrete and Structures for Next Generation – CSN 2019 http://www2.kanazawa-it.ac.jp/miyalab/csn2019.html	Organizator	2
4	International Multidisciplinary Scientific GeoConference Surveying, Geology and Mining, Ecology and Management – SGEM 2019 www.sgem.org . https://sgemworld.at/index.php/reviewers-committee/reviewers-eps	Recenzor	7
5	SGEM International Scientific Conferences on Earth & Planetary Sciences – 2019 https://www.sgemviennagreen.org/ https://sgemworld.at/index.php/reviewers-committee/reviewers-eps	Recenzor	6
6	1st Croatian Conference on Earthquake Engineering – CroCEE 2021 https://crocee.grad.hr/event/1/page/1-conference-organisation	Comitet științific	5
7	Computational Civil Engineering – CCE 2021 www.cce.ci.tuiasi.ro https://iopscience.iop.org/article/10.1088/1757-899X/1141/1/011001/pdf	Organizator Comitet științific	4
8	International Multidisciplinary Scientific GeoConference Surveying, Geology and Mining, Ecology and Management – SGEM 2021 www.sgem.org . https://sgemworld.at/index.php/reviewers-committee/reviewers-eps	Recenzor	6
9	SGEM International Scientific Conferences on Earth & Planetary Sciences –	Recenzor	6

Nr crt.	Manifestări științifice	Recenzor / Comitet științific / Organizator	Nr. Recenzii
	2021 https://www.sgemviennagreen.org/ https://sgemworld.at/index.php/reviewers-committee/reviewers-eps		
10	International Conference on Knowledge Transfer on Sustainable Rehabilitation and Risk Management in the Built Environment – KNOW-RE-BUILT – 2021 http://www.rebuilt.ce.tuiasi.ro/resources/conferences/2021/Know-re-built_COMMITTEES.pdf	Organizator	-
11	3rd Conference on Testing and Experimentation in Civil Engineering – Smart Technologies – TEST&E 2022 https://sites.google.com/fct.unl.pt/teste2022en/committees	Comitet științific	4
12	International Multidisciplinary Scientific GeoConference Surveying, Geology and Mining, Ecology and Management – SGEM 2022 www.sgem.org . https://sgemworld.at/index.php/reviewers-committee/reviewers-eps	Recenzor	6
	TOTAL:		56

3.4. Experiență de management universitar sau de cercetare

3.4.1. Funcții de conducere (rector, prorector, decan, prodecan, **director departament**, director școală doctorală, director general, director științific, director adjunct, șef secție, șef laborator)

Nr crt.	Funcția de conducere	Decizie	Perioada	Punctaj realizat
1	Director departament	692/15.04.2016	01.04.2016 – 31.03.2020	20
2	Director departament	511/05.03.2020	01.04.2020 – 31.03.2024	10
	TOTAL:			30

3.4.2. Membru în organisme de conducere (senat, consiliul facultății, consiliul științific)

Nr crt.	Organism de conducere	Perioada	Punctaj realizat
1	Senatul Universității Tehnice „Gheorghe Asachi” din Iași C4 – Comisia pentru activități studențești și servicii sociale C6 - Comisia de informatizare și comunicații digitale	2016 –2020	8

Nr crt.	Organism de conducere	Perioada	Punctaj realizat
2	Consiliul Facultății de Construcții și Instalații	2016 –2020	8
3	Senatul Universității Tehnice „Gheorghe Asachi” din Iași C3 - Comisia de relații internaționale, imagine universitară și titluri onorifice C6 - Comisia de informatizare și comunicații digitale	2020 –2024	4
4	Consiliul Facultății de Construcții și Instalații	2020 –2024	4
	TOTAL:		24

Data: 09.01.2023

Semnătura: