

Fisa de verificare a standardelor minimale pentru conferirea titlurilor didactice stabilite prin OM 6129 / 2016

Anexa 6 - COMISIA INGINERIE CIVILĂ ȘI MANAGEMENT

Nume si functie Conf.dr.ing. Moga Ligia
 Domeniul Stiinte ingineresti/Inginerie civila si instalatii

Nr. Crt	Domeniul activ.	2	3	Subcategoriile	4	Indicatori (kpi)	5	Numar	Punctaj
0	1								
1	Activitatea didactica si profesionala (A1)	1.1 Carti ,cursuri universitare si capitole in carti de specialitate	1.1.1 Carti, cursuri universitare/capitole ca autor Profesor/CSI minim 2 Conferentiar/CSII minim 1	1.1.1.1	Internationale	nr pagini/(2*nr autori)	1	7.00	
				1.1.1.2	nationale	nr pagini/(5*nr autori)	5	99.46	
				1.1.2.1	Internationale	nr pagini/(3*nr autori)	1	56.67	
				1.1.2.2	nationale	nr pagini/(7*nr autori)	4	26.43	
		1.2	Coordonare de programe de studii, organizare si programe de formare continua și proiecte educaționale (POS, Erasmus, Socrates, Leonardo, s.a)	Punctaj unic egal cu unitatea pentru fiecare activitate (maxim 10 activitati pentru Profesor si CSI, maxim 5 activitati pentru Conferentiar/CSII)			5	15.00	10.00
TOTAL A 1							199.56		
2	Activitatea de cercetare (A2)	2.1 Articole publicate în reviste cotate* ISI Thomson Reuters și în volume indexate ISI Proceedings *Factorul de impact al revistei este cel din anul publicării articolului	minim 8 pentru Profesor/CSI dintre acestea minim 2 trebuie sa fie in revise cu FI >1 si minim 2 in reviste cu FI>0,5			(25+20*fact imp)/nr aut	47	592.70	
			minim 5 pentru Conferentiar/CSII			(25+20*fact imp)/nr aut			
		2.2 Articole în reviste* și volumele unor manifestari stiintifice indexate in baze de date internationale BDI	minim 12 pentru Profesor/CSI			20/nr autori	24	220.33	
			minim 8 pentru Conferentiar/CSII			20/nr autori			
		2.3 Brevete de invecție înregistrate la OSIM sau WIPO		2.3.1	cotate ISI	50/nr autori			
				2.3.2	internationale, ne-cotate ISI	35/nr autori			
				2.3.3	nationale	25/nr autori			
		2.4 Granturi/proiecte câștigate prin competițiile ce finanțează granturi de cercetare	2.4.1 Director (pentru institutia coordonatoare) /responsabil (pentru institutia partenera)- minim 2 pentru Profesor/CSI, minim 1 pentru Conferentiar/CSI	2.4.1.1	internationale	20*nr ani desfasurare			
				2.4.1.2	nationale	10*nr ani desfasurare	2	30.00	
				2.4.2 Membru în echipa de implementare a grantului	2.4.2.1	internationale	10*nr ani desfasurare	2	30.00
2.4.2.2	nationale	5*nr ani desfasurare	3		40.00				
2.5	Responsabil de proiecte de cercetare/consultanta (valoarea de minim 50000 lei pentru institutia la care responsabilul era/este titularul)			5/proiect	0	0			
TOTAL A 2							913.04		
3	Recunoașterea și impactul activității (A3)	3.1 Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI	Minimum 15 citari pentru profesor, 8 citari pentru conferentiar	3.1.1	Articole în reviste cotate ISI	10*FI/nr aut art citat	208	2383.60	
				3.1.2	Articole în volumele unor manifestari stiintifice indexate ISI	2.5/nr aut art citat	38	25.11	
				3.1.3	Articole în reviste indexate BDI	2/nr aut art citat	112	78.15	
				3.1.4	Articole în volumele unor manifestari stiintifice indexat BDI	1/nr aut art citat	15	3.43	
		3.2 Prezentari invitate în plenul unor manifestari stiintifice nationale și internationale (keynote speaker) și Profesor invitat pentru a sustine module de curs/prelegeri (exclusiv ERASMUS)	Punctaj unic pt fiecare activitate (maxim 10 activitati pentru Profesor/CSI, maxim 5 activitati pentru Conferentiar/CSII)	3.2.1	Internationale	10	4	10.00	
				3.2.2	nationale	5	5	5.00	
		3.3 Membru în colective de redactie sau comitete stiintifice al revistelor și manifestarilor stiintifice, organizator de manifestari stiintifice, recenzor pentru reviste și manifestari stiintifice	Punctaj unic pt fiecare categorie ce se acorda numai daca sunt indeplinite urmatoarele cerinte minimale, astfel: (maxim 10 activitati pentru Profesor/CSI, maxim 5 activitati pentru Conferentiar/CSII) 3.3.1 Minimum 2 colective de redactie si minim 8 recenzii 3.3.2 Minimum 2 colective de redactie si minim 8 recenzii 3.3.3 Minimum 2 comitete stiintifice si minimum 12 recenzii	3.3.1	Membru în colective de redactie sau recenzor pentru reviste cotate ISI	10	20	10.00	
				3.3.2	Membru în colective de redactie sau recenzor pentru reviste cotate BDI	6	7	6.00	
				3.3.3	Membru în comitete stiintifice, organizator sau recenzor pentru manifestari stiintifice	4	33	4.00	
		3.4 Experienta de management universitar sau de cercetare		3.4.1	Conducere (rector, prorector, decan, prodecan, director departament, director scoala doctorala, director adj, sef sectie, sef laborator)	5*nr ani	3	45.00	
3.4.2	Membru în organisme conducere (senat, consiliu facultatii, cons stiintific)			2*nr ani	9	88.00			
TOTAL A3							2658.30		

Conditii minimele AI			
Nr.	Domeniu de activitate (A)	Necesar Profesor/Conferentiar	Realizat
A1	Activitatea didactica / profesionala (A1)	80/40	199.56
A2	Activitatea de cercetare (A2)	300/180	913.04
A3	Recunoasterea impactului activitatii (A3)	70/30	2658.30
Total (A)	Punctaj minim	450/250	3770.89

Conditii minimele obligatorii pe subcategorii				
		Necesar Profesor	Realizat	Indeplinit
A1.1.1	Carti si capitole in carti de specialitate	2	6	DA
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings (dintre acestea minim 2 trebuie sa fie in reviste cu FI > 1 și minim 2 in reviste cu FI > 0.5)	8	47	DA
		articole cu FI > 1	10	DA
		articole FI > 0.5	3	DA
A2.2.	Articole in reviste și volumele unor manifest. științifice indexate BDI	12	24	DA
A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil)	2	2	DA
A3.1	Citări in reviste ISI și BDI și in volumele conferințelor ISI și BDI	15	373	DA

Anexa: datele pentru calculul indeplinirii criteriilor

A.1. ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ

A1.1.1. Carti, cursuri universitare/capitole ca autor, internationale si nationale

1.1.1.1

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Nr.pag.	Scor	Link internet (daca exista)
1	Ligia Mihaela Moga, Adrian Bucur, Ionuț Iancu	Current Practices in Energy Retrofit of Buildings	Springer, Springer Tracts in Civil Engineering, ISBN 978-3-030-57420-8 , E-ISSN 2366-2603, eBook ISBN 978-3-030-57418-5, https://doi.org/10.1007/978-3-030-57418-5_1	2021	42	7	https://link.springer.com/chapter/10.1007/978-3-030-57418-5_1
						7.00	

1.1.1.2

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Nr.pag.	Scor	Link internet (daca exista)
1	Andreica Horia-A, Munteanu Constantin, Moga Ligia, Muresanu Ioana, Tamaș-Gavrea Roxana	Construcții Civile	Cluj-Napoca : U.T.Press, 2009, ISBN 978-973-662-501-5	2009	594	23.76	http://193.226.5.59:8060/alipac/ZGCYNOYDKCBQFAFBOPG-00077/full-set?NUM=000030
2	Moga Ligia	Optimizarea termoenergetică a elementelor vitrate	Cluj-Napoca: U.T.Press, 2013, ISBN 978-973-662-793-4	2013	141	28.2	http://193.226.5.59:8060/alipac/DXFIYCBBUAMRBXLXAXO-00085/full-set?NUM=000010
3	Moga Ligia, Moga Ioan	Punți termice specifice clădirilor cu pereți structurali din zidărie	Cluj-Napoca : U.T.Press, 2013, ISBN 978-973-662-799-6	2013	134	13.4	http://193.226.5.59:8060/alipac/CAXIVPQODGMNTQXTXIVA-00001/form/find-simple
4	Moga Ligia, Amada Rusu	Performanța termică a clădirilor din panouri mari prefabricate-indrumător de calcul	Cluj-Napoca: U.T.Press, 2013, ISBN 978-973-662-798-9	2013	179	17.9	http://193.226.5.59:8060/alipac/CAXIVPQODGMNTQXTXIVA-00001/form/find-simple
5	Moga Ligia, Moga Ioan	Punți termice specifice planseelor terasa, de pod, deasupra subsolului și placilor pe sol la Clădiri cu pereți din zidărie	Cluj-Napoca : U.T.Press, 2017, ISBN 978-606-737-245-8	2017	162	16.2	http://193.226.5.59:8060/alipac/DXFIYCBBUAMRBXLXAXO-00027/full-set?NUM=000001
						99.46	

A1.1.2 Carti, cursuri universitare/capitole ca editor/coordonator

1.1.2.1	1	Ligia Moga, Teodora M Soimoșan	Environmental and Human Impact of Buildings: An Energetics Perspective	Springer, Springer Tracts in Civil Engineering, ISBN 978-3-030-57420-8 , E-ISSN 2366-2603, eBook ISBN 978-3-030-57418-5, https://doi.org/10.1007/978-3-030-57418-5	2021	340	56.67	https://link.springer.com/book/10.1007/978-3-030-57418-5
							56.67	

1.1.2.2	1	Cosmin G. Chiorean, Moga Ligia et al	Proceedings of the First International Conference for PhD students in Civil Engineering	Eikon, ISBN 978-973-757-710-8	2012	784	7	https://www.librairieikon.ro/
	2	Cosmin G. chiorean, Moga Ligia et al	Proceedings of the International Conference "Tradition and Innovation – 60 Years Of Civil Engineering Higher Education in Transilvania"	U.T. Press, ISBN 978-973-662-903-7	2013	298	4.26	http://193.226.5.59:8060/alipac/MDQVODI/ZRFTDHHXPJNUK-00013/form/find-simple
	3	Cosmin G. chiorean, Moga Ligia et al	Proceedings of the Second International Conference for PhD students in Civil Engineering	U.T. Press, ISSN 2392 – 9693	2014	208	2.97	http://193.226.5.59:8060/alipac/MDQVODI/ZRFTDHHXPJNUK-00013/form/find-simple
	4	Cosmin G. chiorean, Moga Ligia	Tradition and innovation - 65 years of higher education in civil engineering in Transilvania - Proceedings of the C65 International Conference	U.T. Press, ISBN 978-606-737-326-4	2018	244	12.20	http://193.226.5.59:8060/alipac/MDQVODI/ZRFTDHHXPJNUK-00013/form/find-simple
							26.43	

Total punctaj A 1.1.
189.56
A1.2 Coordonare programe de studii
1.2.1 Coordonare contracte Erasmus cu:

1. University of Debrecen
2. National Technical University of Athens
3. Istanbul Kultur University
4. Southern University of Denmark
5. Windesheim University of Applied Sciences
6. Universite de Cergy-Pontoise
7. Instituto Politecnico de Castelo Branco
8. Universidad de A Coruna

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1.2.2 Coordonare programe de studii

- 1 Master Cladiri Verzi, Facultatea de Constructii, 2017-prezent
 - 2 5 cursuri postuniversitare in cadrul DECIDFR, UTCN
- Atestare ca auditori energetici pt. cladiri (gr.1)
 Atestare ca auditori energetici pt. cladiri (gr.2)
 Curs de Pregătire pentru Participarea la Examenul de Atestare ca Verificator de Proiecte în Domeniul E și Domeniul F
 Curs de Perfecționare Profesională Continuă a Verificatorilor de Proiecte: Domeniul E și Domeniul F
 Curs de Perfecționare Profesională Continuă a Experților Tehnici: Domeniul E și Domeniul F

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15.00

Total punctaj A 1.3.
10.00

A.2. ACTIVITATEA DE CERCETARE

A2.1. Articole in reviste ISI Thomson Reuters și in volume indexate ISI Proceedings

Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. Autori	Punctaj
1	M Charai, MO Mghazi, S Channouf, P Jagadeesh, L Moga, A Mezhab	Lightweight waste-based gypsum composites for building temperature and moisture control using coal fly ash and plant fibers. Construction and Building Materials 393. https://doi.org/10.1016/j.conbuildmat.2023.132092	7.4	7	24.71
2	Iancu, I.E., Moga, L.M.	Thermal bridge assessment at industrial buildings. TOP Conference Series: Earth and Environmental Science, 2023, 1185(1), 012027 DOI: 10.1088/1755-1315/1185/1/012027	0	2	12.50
3	L Grindel, C Campian, A Ciupe, L Todtes, S Munteanu, L Moga	The European University of Technology - A perspective on building a pioneering higher education system based on a human-centred technology. 2022 31st Annual Conference of the European Association for Education in Electrical and Information Engineering (EAEIE), DOI: 10.1109/EAEIE54963.2022.9819988	0	6	4.17
4	M Charai, A Mezhab, L Moga, M Karkri	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications. Construction and Building Materials, Volumul 335, 127518. https://doi.org/10.1016/j.conbuildmat.2022.127518	7.693	4	44.72
5	Charai, Moutassim ; Mezhab, Ahmed ; Moga, Ligia	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model. Building and Environment 212, 108842. https://doi.org/10.1016/j.buildenv.2022.108842	7.093	3	55.62
6	L Moga, I Petran, P Santos, V Ungureanu	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study. Buildings 12 (3), 321. https://doi.org/10.3390/buildings12030321	3.324	4	22.87
7	Bucur, Adrian ; Moga, Ligia Mihaela ; Manea, Daniela Lucia	Investigations on the Hygrothermal Properties of Aerogel Insulation Blankets, 15th International Conference Interdisciplinarity in Engineering, Book Series Lecture Notes in Networks and Systems, Volume 386, Page 455-465. DOI 10.1007/978-3-030-93817-8_42, Published 2022, Indexed 2022-04-07	0	3	8.33
8	TM Soimosan, LM Moga, L Anastasiu, DL Manea, A Căzila, C Zeljković	Overall Efficiency of On-Site Production and Storage of Solar Thermal Energy. SUSTAINABILITY, Volume 13, Issue 3, Article Number 1360, DOI 10.3390/su13031360, Published FEB 2021, Indexed 2021-02-22, https://doi.org/10.3390/su13031360	3.889	6	17.13
9	M Charai, A Mezhab, M Karkri, L Moga	Thermal Performance Study of Plaster Reinforced with Alfa Fibers. AIP Conference Proceedings 2429 (1), 020005, https://doi.org/10.1063/5.0068629	0.4	4	8.25
10	Moga Ligia, Moga Ioan	Evaluation of Thermal Bridges Using Online Simulation Software. Conference: 2020 12TH NORDIC SYMPOSIUM ON BUILDING PHYSICS (NSB 2020) Book Series: E3S Web of Conferences Volume: 172 Article Number: 08010 DOI:10.1051/e3sconf/202017208010	0	2	12.50
11	Moga Ligia, Marcel Maghiar	Market review over the energy policies that stimulate, encourage and adopt building codes for nZEB promotion: the US and the European case. 12TH NORDIC SYMPOSIUM ON BUILDING PHYSICS (NSB 2020) Book Series: E3S Web of Conferences Volume: 172 Article Number: 16006 DOI: 10.1051/e3sconf/202017208010	0	2	12.50
12	Soimosan, Teodora Melina; Moga, Ligia Mihaela; Danku, Gelu; Cazila, Aurica; Manea, Daniela Lucia	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study 2019 Energies https://doi.org/10.3390/en12061088	2.707	5	15.83
13	M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N. Ismail, L.M. Moga, O. N., R. Muniandy	A Review on Fly Ash as a Raw Cementitious Material for Geopolymer Concrete. Revista de Chimie Volume: 69 Issue: 7 Pages: 1661-1667 Published: 2018	1.412	6	8.87
14	Babota Florin, Moga Ligia	Computation and analysis of corrected thermal insulation in a common dwelling building in Romania, in various thermal insulation variants - The slab over the soil. Procedia Manufacturing, Volume 22, 2018, Pages 352-357 https://doi.org/10.1016/j.promfg.2018.03.053	0.31	2	15.60
15	Constantin Munteanu; Dragoș Bogdan; Moga Ligia Mihaela; Nicoleta Coblirzan; Daniela Roxana Târnăș-Gavrea; Florin Babota	The acoustic properties of the lecture hall of the Faculty of Building Services in Cluj-Napoca. Procedia Manufacturing Volume 22, 2018, Pages 331-338 https://doi.org/10.1016/j.promfg.2018.03.050	0.31	6	5.20
16	Constantin Munteanu; Moga Ligia Mihaela; Daniela Roxana Târnăș-Gavrea; Nicoleta Coblirzan; Raluca Chizubaiian; Raluca Femea	Protection to railway traffic noise in the case of a multilevel residential building from the city of Cluj-Napoca. Procedia Manufacturing, Volume 22, 2018, Pages 339-346 doi.org/10.1016/j.promfg.2018.03.051	0.31	6	5.20
17	Moga Ligia, Bucur Adrian	Nano insulation materials for application in nZEB. Procedia Manufacturing, Volume 22, 2018, Pages 309-316 https://doi.org/10.1016/j.promfg.2018.03.047	0.31	2	15.60
18	M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N. Ismail, L.M. Moga, O. N., R. Muniandy	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement. Materiale Plastice Volume: 54 Issue: 4 Pages: 145-155 Published: 2017	1.248	7	7.14
19	Munteanu, C.; Moga, L.; Tamas, F. L.; et al.	Study on the Acoustic Quality of the "Betania" Church from Cluj-Napoca. Modern Technologies for the 3rd Millennium Pages: 215-220 Published: 2017	0	6	4.17
20	Babota, F.; Iernutan, R.; Moga, L. M.; et al.	Determining the Optimal Dimensions of Fixed Shadowing Systems in View of Diminishing the Energy Consumption of the Buildings in Romania. Modern Technologies for the 3rd Millennium Pages: 117-122 Published: 2017	0	6	4.17
21	Moga, L.; Munteanu, C.; Moga, I.; et al.	Is a Green Roof an Effective Solution for Reducing Energy Consumption? Modern Technologies for the 3rd Millennium Pages: 203-208 Published: 2017	0	5	5.00
22	Tamas, F. L.; Moga, L. M.; Munteanu, C.; et al.	The Multi-Criteria Analysis of the Waterproof Rehabilitation Methods of the Buildings' Infrastructure. Modern Technologies for the 3rd Millennium Pages: 267-272 Published: 2016	0	5	5.00
23	Bruna, B.; Moga, L.; Moga, I.	Aspects regarding dynamic calculation of plan building elements having thermal bridges. Energia Procedia, vol 85, Enviro-Yrc 2015. Bucharest Volume: 85 Pages: 77-84 Published: 2016, https://doi.org/10.1016/j.egypro.2015.12.276	1.07	3	15.47
24	Ruskas, A.; Moga, L.	Sustainability of Masonry and Reinforced Concrete Frame Structures. Case Studies, 9th International Conference Interdisciplinarity in Engineering, Inter-Eng 2015 Volume: 22 Pages: 304-311 Published: 2016 DOI: 10.1016/j.procy.2016.01.102	0	2	12.50
25	Moga Ioan, Moga Ligia	Consideration on the temperature state of a steel frame subjected to fire. Nano, Bio and Green - Technologies for a Sustainable Future Conference Proceedings, Sgsm 2016, Vol II Pages: 419-426 Published: 2016, DOI: 10.5593/SGEM2016/HB6/S09.054	0	2	12.50
26	Lupan, L. M.; Manea, D. L.; Moga, L. M.	Improving Thermal Performance of the Wall Panels Using Slotted Steel Stud Framing. Procedia Technology Volume 22, 2016, Pages 351-357 https://doi.org/10.1016/j.procy.2016.01.108	1.22	3	16.47

Link internet

<http://www.researcherid.com/rid/B-8988-2010>

27	Moga Ioan, Moga Ligia	Assessment of building response to variation of external climatic parameters, Nano, Bio and Green - Technologies for a Sustainable Future Conference Proceedings, Sgsem 2016, Vol II Pages: 41-48 Published: 2016	0	2	12.50
28	Moga, L.; Moga, I.; Abrudan, A.,	Correlation between the thermal coupling coefficient and the thermal performance of a building, Nano, Bio and Green - Technologies for a Sustainable Future Conference Proceedings, Sgsem 2016, Vol II Pages: 63-70 Published: 2016	0	3	8.33
29	Mohd Issa Jaffar, Wan Hamidon Wan Badaruzzaman, Mohd Mustafa Al Bakri Abdullah, Shahrizan Baharom, Ligia Mihaela Moga, Andrei	Relationship Between Panel Stiffness and Mid-span Deflection in Profiled Steel Sheeting Dry Board with Geopolymer Concrete Infill, Materiale Plactice Volume: 52 Issue: 2 Pages: 243-248 Published: 2015, DOI 10.37358/MP-15.2.4240	0.903	6	7.18
30	Moga, L.; Moga, I.; Puskas, A., et al.	Sustainable buildings obtained through energy retrofit, Nano, Bio and Green - Technologies for a Sustainable Future, Vol II Pages: 583-590 Published: 2015	0	3	8.33
31	Moga, L.; Moga, I.	Sustainable solutions for energy efficiency of buildings, Nano, Bio and Green - Technologies for a Sustainable Future, Vol II Pages: 303-310 Published: 2015	0	2	12.50
32	Moga, L.; Moga, I.	Thermal bridges at wood frame construction, Journal of Applied Engineering Sciences Volume: 5 Issue: 2 Pages: 65-71 Published: 2015 DOI 10.1515/jaes-2015-0023	0	2	12.50
33	Moga, L.; Moga, I.	Building design influence on the energy performance, Journal of Applied Engineering Sciences Volume: 5 Issue: 1 Pages: 37-46 Published: 2015, DOI: 10.1515/jaes-2015-0005.	0	2	12.50
34	A Puskas, LM Moga, O Corbu, H Szilagyi	Opportunities for increasing the recycling rate of mineral waste in construction industry, Nano, Bio and Green - Technologies for a Sustainable Future, Vol II Pages: 203-210 Published: 2015	0	4	6.25
35	Puskas Attila, Moga Ligia	Environmental impact reduction and quality control practices in construction output, 2014 International Conference on Production Research - Regional Conference Africa, Europe and the Middle East and 3rd International Conference on Quality and Innovation in Engineering and Management (Icp-Aem 2014) Pages: 422-426 Published: 2014	0	2	12.50
36	Corbu, O.; Szilagyi, H.; Puskas, A., et al.	Recycling and waste recovery in the construction field, 14th International Multidisciplinary Scientific Geoconference (SGEM) Pages: 259-266 Year: 2014	0	6	4.17
37	Moga, L.; Moga, I.	Thermal calculations of the thermal performance of hollow ceramic blocks, Contributions to Building Physics Pages: 647-652 Published: 2013	0	2	12.50
38	Ahmad Muhd Izzat, Abdullah Mohd Mustafa Al Bakri, Hussin Kamarudin, Andrei Victor Sandu, Ghazali Che Mohd Ruzaidi, Mohd Tahir Muhammad Faheem, Ligia Mihaela Moga	Sulfuric Acid Attack of ordinary portland cement and geopolymer material: A review, Revista De Chimie Volume: 64 Issue: 9 Pages: 1011-1014 Published: 2013, DOI: 10.37358/RC.13.9.3376	0.677	7	5.51
39	Tiuc Ancauța, Moga Ligia	Improvement of Acoustic and Thermal Comfort by Turning Waste into Composite Materials Romanian Journal of Acoustics and Vibration 2013 journal-article EID: 2-e2.0-84892658076	0.267	2	15.17
40	Ahmad Muhd Izzat, Abdullah Mohd Mustafa Al Bakri, Hussin Kamarudin, Ligia Mihaela Moga, Ghazali Che Mohd Ruzaidi, Mohd Tahir Muhammad Faheem, Andrei Victor Sandu	Microstructural analysis of geopolymer and ordinary Portland cement mortar exposed to sulfuric acid, Materiale Plactice Volume: 50 Issue: 3 Pages: 171-174 Published: 2013	0.538	7	5.11
41	Moga Ligia, Moga Ioan	Case Study in the thermal Rehabilitation Process, Journal of Applied Engineering Sciences, volume 1 (14), Issue 2/2011	0	2	12.50
42	Moga Ligia, Mayer Zsombor, Andreica Horia-A	Evaluations through Laboratory Tests of the Thermal Performance of Construction Elements, Quality and Innovation in Engineering and Management Pages: 131-134 Published: 2011	0	3	8.33
43	Moga Ligia, Moga Ioan	Masonry thermal conductivity influence on the thermal performance of a thermally insulated wall, Journal of Applied Engineering Sciences, volume 1 (14), Issue 3/2011	0	2	12.50
44	Moga, L.; Moga, I.	The Evaluation of the Energetic Performance of Buildings, Research on Building Physics Pages: 343-350 Published: 2010	0	2	12.50
45	Moga Ligia, Moga Ioan	The energetic performance of the building envelope elements-intersection of linear thermal bridges, Fifth International Workshop on Energy and Environment of Residential Buildings and Third International Conference on Built Environment and Public Health, 16th IASEE, Proceedings, Pages: 1424-1431 Published: 2009	0	2	12.50
46	Moga Ligia, Moga Ioan	The influence of the thermal insulation of the window frameworks on the energy performance of the window, Bauphysik Journal, 30(6), Pages: 420-425, Ernst und Sohn 2008, DOI: 10.1002/bapi.200810054	0.232	2	14.82
47	Moga Ioan, Moga Ligia	Heat flow simulation through the window together with the wall in which is fitted in, Proceedings of the 16th IASEE International Conference on Applied Simulation and Modelling Pages: 396-402 Published: 2007	0	2	12.50

Total punctaj A2.1.

592.70

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autori	Punctaj
1	L Moga, T Șomoșan, I Moldovan, M Rădulescu, A Rădulescu, I Iancu	Application of aerial and terrestrial thermography for determining the building envelope thermal performance, International Multidisciplinary Scientific GeoConference: SGEM 22 (6.2), 391-398 DOI: 10.5593/sgem2022/6.2/395.50	Scopus	6	3.33
2	LM Moga, A Bucur, I Iancu	Current Practices in Energy Retrofit of Buildings, Environmental and Human Impact of Buildings: An Energetics Perspective, 1-41, Springer, Springer Tracts in Civil Engineering, ISBN 978-3-030-57420-8 DOI: 10.1007/978-3-030-57418-5_1	Scopus	3	6.67
3	Moga, L., Moga, I.	Quick and reliable online tool for assessing thermal bridges . International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2020-August(6.1), pp. 611-616 DOI: 10.5593/sgem2020/6.1/s27.079	Scopus	2	10
4	Moga, L.	Thermal performance of insulated glazing units established by infrared thermography, ICP Conference Series: Materials Science and Engineering 586(1),012006 DOI: 10.1088/1757-899X/586/1/012006	Scopus	1	20
5	Moga, L., Moga, I.	Analytic study of thermal bridges mat at high performance energy efficient buildings, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2018, 18(6.4), pp. 621-626 DOI: 10.5593/sgem2018/6.4/S10.077	Scopus	2	10
6	Moga Ligia, Bucur Adrian	Common thermal insulations vs nano insulations: A comparative analysis regarding the nZEB targets fulfillment , Volume 18, Issue 6.3, Pages 65 - 722018 18th International Multidisciplinary Scientific Geoconference, SGEM 2018 DOI: 10.5593/sgem2018/6.3/S26.009	Scopus	2	10
7	Moga, Ligia; Moga, Ioan; Abrudan, Ancuta; Babota, Florin; Munteanu, Constantin.	Thermal performance of insulated metal panel systems . 2017 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2017, 17(63), pp. 1073-1078 DOI: 10.5593/sgem2017/63/S27.133	Scopus	5	4
8	Bucur, A., Moga, L.	Aerogel – a thermal characterization and analysis, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2017, 17(63), pp. 439-446 DOI: 10.5593/sgem2017/63/S26.056	Scopus	2	10
9	Moga, L., Moga, I., Abrudan, A., Babota, F., Munteanu, C.	Thermal performance of ground contact structures and their impact on the energy performance of buildings International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2017, 17(62), pp. 943-950 DOI: 10.5593/sgem2017/62/S27.108	Scopus	5	4
10	Babota, F., Moga, L., Aciu, C., Munteanu, C., Tamas-Gavrea, D.R.	Calculation and analysis of energy consumption index for heating purposes in a common dwelling building in romania, in different variants of thermal insulation and ventilation , International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2017, 17(62), pp. 503-510 DOI: 10.5593/sgem2017/62/S26.064	Scopus	5	4
11	Moga Ligia, Bucur Adrian	Nanoinulation materials: A possible solution for achieving NZEB requirements, Volume 17, Issue 62, 2017, Pages 319-326 17th International Multidisciplinary Scientific Geoconference, SGEM 2017; Albena; Bulgaria; 29 June 2017 through 5 July 2017] conference-paper DOI: 10.5593/sgem2017/62/S26.041	Scopus	2	10
12	Moga, L.; Moga, I.; Abrudan, A.	The impact of green roofs on the energy performance of a passive house, Nano, Bio and Green - Technologies for a Sustainable Future Conference Proceedings, Sgem 2016, Vol III Pages: 473-480 Published: 2016 DOI: 10.5593/SGEM2016/HB63/S09.061	Scopus	3	6.67
13	Puskas, A.; Moga, L.;	Sustainability Of Reinforced Concrete Frame Structures-A Case Study, Journal International Journal of Sustainable Development and Planning, Vol 10, Nr 2, pp 165-176, WIT Press, 2015 DOI: 10.2495/SDP-V10-N2-165-176	Scopus	2	10
14	Moga Ligia	Mechanical and thermal performance of straw bales Key Engineering Materials 2015 book DOI: 10.4028/www.scientific.net/KEM.660.231	Scopus	1	20
15	Puskas Attila, Corbu Ofelia, Szilágyi Henriette, Moga Ligia	Construction waste disposal practices: The recycling and recovery of waste, WIT Transactions on Ecology and the Environment, 2014 journal-article DOI: 10.2495/SC141102	Scopus	4	5.00
16	Moga Ligia, Moga Ioan	Heat loss coefficient influence on the energy performance of buildings, Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate, 2014 conference-paper EID: 2-s2.0-84924691867	Scopus	2	10
17	Moga Ligia, Moga Ioan	Influence of glazing surfaces on the energy performance of buildings, Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate, 2014 conference-paper EID: 2-s2.0-84924663457	Scopus	2	10

Link internet

<https://www.scopus.com/authorid/detail.uri?authorid=9336893500>

18	Puskas Attila, Moga Ligia	Relationship between economy and sustainability for a multi-storey reinforced concrete frame structure WIT Transactions on Ecology and the Environment 2013 journal-article DOI: 10.2495/ESUS130171 EID: 2-s2.0-84887593196	Scopus	2	10
19	Moga Ligia, Puskas Attila	Energy management in buildings obtained through multi-criteria assessment system, WIT Transactions on Ecology and the Environment, 2013 journal-article DOI: 10.2495/ESUS130151 EID: 2-s2.0-84887570827	Scopus	2	10
20	Moga Ligia, Moga Ioan	Multi-criteria analysis system for sustainable buildings in Romania, 10th International Conference on Healthy Buildings 2012, conference-paper, EID: 2-s2.0-8488354882	Scopus	2	10
21	Moga Ligia, Moga Ioan	Thermal rehabilitation of buildings with high thermal inertia 12th International Conference on Indoor Air Quality and Climate 2011, conference-paper, EID: 2-s2.0-84880544059	Scopus	2	10
22	Moga Ioan, Moga Ligia	The thermal performance of the building envelope elements having glazing surfaces, IBPSA 2009 - International Building Performance Simulation Association 2009, 2009 conference-paper, EID: 2-s2.0-8487015294	Scopus	2	10
23	Moga Ioan, Moga Ligia	The simulation of the heat transfer phenomenon at thermal insulated walls, Proceedings of the IASTED International Conference on Modelling and Simulation 2009, EID: 2-s2.0-74549201000	Scopus	2	10
24	Moga Ioan, Munteanu Constantin, Moga Ligia	The thermo-technical phenomena in the intersection of an outer wall and an in-between floor, Proceedings of the IASTED International Conference on Modelling and Simulation 2005 conference-paper, Cancun, Mexic, 18- 20 Mai, 2005, pp. 438-445, ISBN: 0-88986-496-9, ISSN: 1021-8181 EID: 2-s2.0-27944471070	Scopus	3	6.67
Total punctaj A2.2.					220.33

A2.4. Granturi/proiecte castigate prin competitie
A2.4.1. Director/responsabil

2.4.1.2

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Grant CNCISIS de tip TD cod CNCISIS 507, cu tema „Methodology, Numeric Method and Automaton Calculus Program- Vitraj: For Defining The Thermal Performance of Windows, Doors and Solar Protection Elements”, grant finalizat cu succes prin realizarea programului de calcul 2D- PLAN GLAZING” și a programului de calcul 3D “ SPATIAL GLAZING”.	2007-2008	2	20
2	National	Optimizarea și validarea unui software specializat pentru calculul performanței termice a elementelor envelopei clădirii, dezvoltat pe baza utilizării metodei termografiei aeriene și terestre (Optimisation and validation of a specialised software used for calculating the thermal performance of the building envelope components, developed based on aerial and terrestrial thermography method) THERMOG Project, Proiect Experimental Demonstrativ (PED) , PN-III-P2-2.1-PED-2021-4137	2022-prezent	1	10
Total punctaj A2.4.1					30.00

Link internet

<https://uefiscdi.gov.ro/Public/cat/377/Granturi.html>
<https://www.thermogproject.com/>
A2.4.2. Membru in echipa

2.4.2.1

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	International	Membră în proiectul "Horizon 2020 / 649773 - MEnS – Meeting of Energy professional Skills", Proiect finanțat de Uniunea Europeană	2015-2017	2	20
2	International	Membră - cercetător în cadrul proiectului Erasmus+ - TRANStoWORK – Work based Learning in Architecture, Engineering and Construction (AEC) Industry: the transition of young people to Work", Project No.2017-11T01-KA	2018-2019	1	10
Total punctaj A2.4.2.1					30.00

Link internet

<https://cordis.europa.eu/project/d/649773>
<https://transtowork.com/>

2.4.2.2

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Grant tip PNII, Pachetul 4, „Parteneriate în domeniul prioritare 2007-2013”, cod 22120/2008, „Sisteme de soluții integrate pentru reabilitarea clădirilor/cartierelor de locuit”	2008-2011	2	10
2	National	Contract național nr 434/22.12.2009 cu tema „ Catalog de punți termice la clădiri- Calculul câmpurilor de temperaturi și determinarea fluxurilor de căldură pentru detalii de punți termice cu programe de calcul specializate”	2009-2011	2	10
3	National	Proiectul PN-III-P1-1.2-PCCDI-20170391, „Clădiri inteligente adaptabile la efectele schimbărilor climatice” CIA_CLIM Nr. 30PCCDI/2018	2018-2021	4	20
Total punctaj A2.4.2.2					40.00

Link internet

<http://old.uefiscdi.ro/articole/2355/Competitie-2008.html>
<https://www.icer.ro/cercetare/proiecte-de-cercetare/cia-clim>
Total punctaj A2.4.2
70.00
Total punctaj A2.4.
100.00

2.5 Responsabil de proiecte de cercetare/consultanta (valoare de minim 50000 lei)

Nr.	Denumire proiect	Punctaj
Total punctaj A2.5.		0.00
Total punctaj A2.5.		0.00

Link internet

A.3. RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII

A3.1. Citări în reviste ISI și BDI și în volumele conferințelor ISI și BDI

A3.1.1. ISI Articole în reviste cotate ISI

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj	
1	Thermal performance study of plaster reinforced with Alfa fibers M Charai, A Mezrhab, M Karkri, L Moga	Lightweight waste-based gypsum composites for building temperature and moisture control using coal fly ash and plant fibers M Charai, MO Mghazi, S Channouf, P Jagadesh... - Construction and Building Materials, 2023 - Elsevier	4	7.4	18.50
2	Thermal performance study of plaster reinforced with Alfa fibers M Charai, A Mezrhab, M Karkri, L Moga	Towards rural net-zero energy buildings through integration of photovoltaic systems within bio-based earth houses: Case study in Eastern Morocco S El Hassani, M Charai, MA Moussaoui, A Mezrhab - Solar Energy, 2023 - Elsevier	4	6.7	16.75
3	The Influence of The Glazing Area on the Opaque Area, at a Wall having a Window I Moga, L Moga	Eco-efficient cementitious composites with large amounts of waste glass and plastic O Corbu, DV Bompă, H Szilagyı - Proceedings of the Institution ..., 2021 - icevirtuallibrary.com	2	0.806	4.03
4	Current Practices in Energy Retrofit of Buildings, LM Moga, A Bucur, I Iancu	Thermal insulation capability of nanostructured insulations and their combination as hybrid insulation systems Á Lakatos - Case Studies in Thermal Engineering, 2023 - Elsevier	3	6.8	22.67
5	Current Practices in Energy Retrofit of Buildings, LM Moga, A Bucur, I Iancu	Multiscale thermal investigations of graphite doped polystyrene thermal insulation Á Lakatos, A Csík - Polymers, 2022 - mdpi.com	3	4.967	16.56
6	Current Practices in Energy Retrofit of Buildings, LM Moga, A Bucur, I Iancu	Systematic analysis of micro-fiber thermal insulations from a thermal properties point of view Á Lakatos, I Csarnovics, A Csík - Applied Sciences, 2021 - mdpi.com	3	3.67	12.23
7	Current Practices in Energy Retrofit of Buildings, LM Moga, A Bucur, I Iancu	Super Insulation Materials—An Application to Historical Buildings B Vajó, Á Lakatos - Buildings, 2021 - mdpi.com	3	3.598	11.99
8	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study, L Moga, I Petran, P Santos, V Ungureanu	Evaluation of a modular construction system in accordance with the Passivhaus standard for components Y Yakimchuk, P Linhares, V Herno - Journal of Building Engineering, 2023 - Elsevier	4	6.4	16.00
9	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study, Buildings 12 (3), 321, L Moga, I Petran, P Santos, V Ungureanu	Numerical Simulation and Experimental Validation of Thermal Break Strips' Improvement in Facade LSF Walls P Santos, D Mateus, D Ferrandez, A Verdu - Energies, 2022 - mdpi.com	4	3.252	8.13
10	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study, L Moga, I Petran, P Santos, V Ungureanu	Sustainable Design for CFS Structures: Experimental Data and Numerical Models of Hinged Connections G Taranu, VM Venghiac, I Olteanu-Dontov, A Rotaru... - Sustainability, 2022 - mdpi.com	4	3.889	9.72
11	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study, L Moga, I Petran, P Santos, V Ungureanu	Case Study in Modular Lightweight Steel Frame Construction: Thermal Bridges and Energy Performance Assessment B Milovanović, M Bagarić, M Gaši, N Vezilić Strmo - Applied Sciences, 2022 - mdpi.com	4	2.838	7.10
12	Thermal bridges at wood frame construction, L Moga, I Moga	Defining of thermal bridges of wood building and their elimination, M Švitak, K Krntorád, J Tomek - Wood research, 2016 - centrumdp.sk	2	0.729	3.65
13	Evaluation of Thermal Bridges Using Online Simulation Software, L Moga, I Moga	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study L Moga, I Petran, P Santos, V Ungureanu - Buildings, 2022 - mdpi.com	2	3.324	16.62

Link internet

[MOGA, LIGIA M - Web of Science Core Collection](#)

14	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Valorization of the use of natural Alfa (<i>Stipa tenacissima</i> L.) fiber in composite reinforcing plates based on natural fibers and metal fabric S Helaili, A Guizani, M Chafra - <i>Innovative Infrastructure Solutions</i> , 2023 - Springer	4	2.4	6.00
15	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Performance Assessment of Giant Reed-Based Building Components R Caponetto, M Cuomo, M Detommaso, G Giuffrida... - <i>Sustainability</i> , 2023 - mdpi.com	4	3.9	9.75
16	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Application analysis and environmental impact of straw reinforced gypsum plaster for improving the energy efficiency in buildings in the six climate zones of Morocco M Charai, S Channouf, O Horma, A Mezrhah... - <i>Journal of Building ...</i> , 2023 - Elsevier	4	6.4	16.00
17	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Hygro-thermal characterization of the hemp concrete modified with the gum Arabic admixture P Łapka, P Brzyski, K Pietrak, Ł Cieślakiewicz... - <i>Construction and Building Materials</i> , 2023 - Elsevier	4	7.4	18.50
18	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Resource deposit, characterization and energy saving potential of olive pomace as a promising aggregate for energy efficient earth bricks in eastern Morocco S Channouf, M Charai, O Horma, H Miri... - <i>Construction and Building Materials</i> , 2023 - Elsevier	4	7.4	18.50
19	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Lightweight waste-based gypsum composites for building temperature and moisture control using coal fly ash and plant fibers M Charai, MO Mghazli, S Channouf, P Jagadesh... - <i>Construction and Building Materials</i> , 2023 - Elsevier	4	7.4	18.50
20	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Enhancing hygroscopic capacities of metakaolin based porous insulating geopolymers: Comparative effects of calcium silicate and sodium polyacrylate E Kamseu, ZNM Ngoulou... - <i>Journal of Building ...</i> , 2023 - Elsevier	4	6.4	16.00
21	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, M Charai, A Mezrhah, L Moga, M Karkri,	Towards rural net-zero energy buildings through integration of photovoltaic systems within bio-based earth houses: Case study in Eastern Morocco S El Hassani, M Charai, MA Moussaoui, A Mezrhah - <i>Solar Energy</i> , 2023 - Elsevier	4	6.7	16.75
22	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Valorization of the use of natural Alfa (<i>Stipa tenacissima</i> L.) fiber in composite reinforcing plates based on natural fibers and metal fabric S Helaili, A Guizani, M Chafra - <i>Innovative Infrastructure Solutions</i> , 2023 - Springer	3	2.4	8.00

23	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Resource deposit, characterization and energy saving potential of olive pomace as a promising aggregate for energy efficient earth bricks in eastern Morocco S Channouf, M Charai, O Horma, H Miri... - Construction and Building Materials, 2023 - Elsevier	3	7.4	24.67
24	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Lightweight waste-based gypsum composites for building temperature and moisture control using coal fly ash and plant fibers M Charai, MO Mghazli, S Channouf, P Jagadesh... - ... Construction and Building Materials, 2023 - Elsevier	3	7.4	24.67
25	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Enhancing hygroscopic capacities of metakaolin based porous insulating geopolymers: Comparative effects of calcium silicate and sodium polyacrylate E Kamseu, ZNM Ngouloure... - Journal of Building ..., 2023 - Elsevier	3	6.4	21.33
26	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Towards rural net-zero energy buildings through integration of photovoltaic systems within bio-based earth houses: Case study in Eastern Morocco S El Hassani, M Charai, MA Moussaoui, A Mezrhah - Solar Energy, 2023 - Elsevier	3	6.7	22.33
27	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Laboratory-testing and industrial scale performance of different clays from eastern Morocco for brick manufacturing M Charai, S Channouf, O Horma, H Nasri... - Construction and Building Materials, 2023 - Elsevier	3	7.4	24.67
28	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Thermal Comfort and Energy Efficiency: Challenges, Barriers, and Step towards Sustainability IL Niza, IM Luz, AM Bueno, EE Broday - Smart Cities, 2022 - mdpi.com	3		3.33
29	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezrhah, A ; Moga, L	Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications M Charai, A Mezrhah, L Moga, M Karkri - Construction and Building ..., 2022 - Elsevier	3	7.693	25.64

30	A structural wall incorporating biosourced earth for summer thermal comfort improvement: Hygrothermal characterization and building simulation using calibrated PMV-PPD model, Charai, M ; Mezhrhab, A ; Moga, L	Thermal insulation of mud bricks made with walnut shells: Characterization and simulation study M Charai, O Horma, A Mezhrhab, M Karkri - Materials Today: Proceedings, 2022 - Elsevier	3		3.33
31	Overall Efficiency of On-Site Production and Storage of Solar Thermal Energy TM Şoimoşan, LM Moga, L Anastasiu, DL Manea, A Căzîlă, C Zeljković	Assembling and characterizing of high-loading and steady-shape graphene aerogel composite phase change material with nano-AIN– as an efficient ... Y Wang, J Hu, Z Zhu, G Du, X Lai, Z Zhang - Solar Energy Materials and Solar Cells, 2023 - Elsevier	6	6.9	11.50
32	Overall Efficiency of On-Site Production and Storage of Solar Thermal Energy TM Şoimoşan, LM Moga, L Anastasiu, DL Manea, A Căzîlă, C Zeljković	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study L Moga, I Petran, P Santos, V Ungureanu - Buildings, 2022 - mdpi.com	6	3.324	5.54
33	Considerations on the Thermal Modelling of Insulated Metal Panel Systems, L Moga, I Moga	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study L Moga, I Petran, P Santos, V Ungureanu - Buildings, 2022 - mdpi.com	2	3.324	16.62
34	Analytic study of thermal bridges met at high performance energy efficient buildings, L Moga, I Moga	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study L Moga, I Petran, P Santos, V Ungureanu - Buildings, 2022 - mdpi.com	2	3.324	16.62
35	Analytic study of thermal bridges met at high performance energy efficient buildings, L Moga, I Moga	Overall Efficiency of On-Site Production and Storage of Solar Thermal Energy TM Şoimoşan, LM Moga, L Anastasiu, DL Manea... - Sustainability, 2021 - mdpi.com	2	4.166	20.83
36	Analytic study of thermal bridges met at high performance energy efficient buildings, L Moga, I Moga	Comparison of thermal insulation performance of vacuum insulation panels with EPS protection layers measured with different methods Á Lakatos, Z Kovács - Energy and Buildings, 2021 - Elsevier	2	7.129	35.65
37	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Solid-to-Liquid Ratio Influenced on Adhesion Strength of Metakaolin Geopolymer Coating Paste Added Photocatalyst Materials L Jamaludin, RA Razak, MM Al Bakri Abdullah... - Coatings, 2023	7	3.4	4.86
38	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Application potential of alkali-activated concrete for antimicrobial induced corrosion: A review, L Kong, W Zhao, D Xuan, X Wang, Y Liu - Construction and Building Materials Volume 317, 24 January 2022, 126169	7	7.693	10.99
39	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Degradation process of alkali-activated slag/fly ash and Portland cement-based pastes exposed to phosphoric acid, J Ren, L Zhang, R San Nicolas Construction and Building Materials Volume 232, 30 January 2020, 117209r	7	6.5	9.29
40	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Potential of Industrial By-Products based geopolymer for rigid concrete pavement application, MFM Tahir, M MAB Abdullah, SZ Abd Rahim... - Construction and Building Materials Volume 344, 15 August 2022, 128190	7	7.693	10.99

41	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Mechanical and durability analysis of fly ash based geopolymer with various compositions for rigid pavement applications MFM Tahir, MMAB Abdullah, SZA Rahim... - Materials 2022, 15(10), 3458	7	3.748	5.35
42	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Sulphuric acid resistance of cementitious materials: multiscale Approach to assessing the degradation L Gu, P Visintin, T Bennett - Journal of Materials in Civil Engineering, 2020 - ascelibrary.org	7	3.29	4.70
43	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Image analysis of surface porosity mortar containing processed spent bleaching earth B Wei Chong, R Othman, RP Jaya, D Shu Ing, X Li... - Materials, 2021 - mdpi.com	7	3.68	5.26
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178	Sustainability of Masonry and Reinforced Concrete Frame Structures. Case Studies A Puskás, L Moga	The influence of the temperature and ageing time on the NiCr23Co12Mo alloy microstructure Sroka, M., Nabialek, M., Szota, M., Zielinski, A. 2017 Revista de Chimie 68(4), pp. 737-741	2	1.412	7.06
179	Sustainability of Masonry and Reinforced Concrete Frame Structures. Case Studies A Puskás, L Moga	A Review on Fly Ash as a Raw Cementitious Material for Geopolymer Concrete, REVISTA DE CHIMIE Volume: 69 Issue: 7 Pages: 1661-1667 Published: 2018	2	1.412	7.06
180	Thermal bridges at wood frame construction L Moga, I Moga	Effect of Thermal Bridge in Light-Frame Wood Wall. S Zhang, Z Huang, Y Wu, Y Zhu - BioResources, 2023 - search.ebscohost.com	2	1.5	7.50
181	Heat loss coefficient influence on the energy performance of buildings Moga, L.M., Moga	Thermal stability investigations of different aerogel insulation materials at elevated temperature Z Kovács, A Csik, Á Lakatos - Thermal Science and Engineering Progress, 2023 - Elsevier	2	4.8	24.00
182	Heat loss coefficient influence on the energy performance of buildings Moga, L.M., Moga	Effect of the placement of aerogel insulation in the heat transfer properties Lakatos, Á. 2018 Journal of Thermal Analysis and Calorimetry 133(1), pp. 321-327	2	2.518	12.59
183	Heat loss coefficient influence on the energy performance of buildings Moga, L.M., Moga	Thermal conductivity of insulations approached from a new aspect Lakatos, Á. 2018 Journal of Thermal Analysis and Calorimetry 133(1), pp. 329-335	2	2.518	12.59

184	Heat loss coefficient influence on the energy performance of buildings Moga, L.M., Moga	Investigation of the moisture induced degradation of the thermal properties of aerogel blankets: Measurements, calculations, simulations Lakatos, Á. 2017, Energy and Buildings 139, pp. 506-516	2	5.272	26.36
185	Heat loss coefficient influence on the energy performance of buildings Moga, L.M., Moga	Stability investigations of the thermal insulating performance of aerogel blanket Á Lakatos - Energy and Buildings, 2019 - Elsevier	2	6.077	30.39
186	Masonry thermal conductivity influence on thermal performance of a thermally insulate wall, Moga, L., Moga, I.	Synthesis of advanced asbestos-free material using rice husk ash and marble waste for thermal insulation applications S Verma, H Bajpai, S Suresh, M Mill, RK Gupta... - Biomass Conversion ..., 2021 - Springer	2	3.745	18.73
187	Masonry thermal conductivity influence on thermal performance of a thermally insulate wall, Moga, L., Moga, I.	Stability investigations of the thermal insulating performance of aerogel blanket Á Lakatos - Energy and Buildings, 2019 - Elsevier	2	6.077	30.39
188	Masonry thermal conductivity influence on thermal performance of a thermally insulate wall, Moga, L., Moga, I.	Influence of thermal annealing on structural properties of silica aerogel super insulation material, Journal of Thermal Analysis and Calorimetry (2019)	2	2.519	12.60
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190	Masonry thermal conductivity influence on thermal performance of a thermally insulate wall, Moga, L., Moga, I.	Thermal conductivity of insulations approached from a new aspect Lakatos, Á. 2018 Journal of Thermal Analysis and Calorimetry 133(1), pp. 329-335	2	2.518	12.59
191	Masonry thermal conductivity influence on thermal performance of a thermally insulate wall, Moga, L., Moga, I.	Effect of the placement of aerogel insulation in the heat transfer properties Lakatos, Á. 2018 Journal of Thermal Analysis and Calorimetry 133(1), pp. 321-327	2	2.518	12.59
192	Energy management in buildings obtained through multi-criteria assessment system, LM Moga, A Puskas	Energy Performance of Buildings Directive implementation in Southern European countries: A review, P Olasolo-Alonso, LM López-Ochoa... - Energy and ..., 2022 - Elsevier	2	7.201	36.01
193	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Application of passive measures for energy conservation in buildings—a review F Amirifard, SA Sharif, F Nasiri - Advances in Building Energy ..., 2019 - Taylor & Francis	3	1.059	3.53
194	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Slab-on-grade thermal bridges: A thermal behavior and solution review A El Saled, C Maalouf, T Bejat, E Wurtz - Energy and Buildings, 2022 - Elsevier	3	7.201	24.00
195	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Computation and analysis of corrected thermal insulation in a common dwelling building in Romania, in various thermal insulation variants - The slab over the soil, Procedia Manufacturing journal-article, Volume 22, 2018, Pages 352-357 journal-article DOI: 10.1016/j.promfg.2018.03.053, Babota Florin, Moga Ligia	3	1.646	5.49
196	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Calculation and analysis of corrected thermal resistance in a common dwelling building in Romania, in various thermal insulation options-The exterior wall F Babotă, R Iermeșan - Procedia Manufacturing, 2019 - researchgate.net	3	2.052	6.84
197	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	State of Knowledge of Thermal Bridges-A Follow up in Sweden and a Review of Recent Research By: Berggren, Björn; Wall, Maria BUILDINGS Volume: 8 Issue: 11 Article Number: 154 Published: NOV 2018	3	2.291	7.64
198	Corelation between the thermal couplin coefficient and the thermal performance of a building,, L Moga, I Moga, A Abrudan	Computation and analysis of corrected thermal insulation in a common dwelling building in Romania, in various thermal insulation variants - The slab over the soil Procedia Manufacturing journal-article Volume 22, 2018, Pages 352-357 journal-article DOI: 10.1016/j.promfg.2018.03.053, Babota Florin, Moga Ligia	3	1.646	5.49
199	Improvement of Acoustic and Thermal Comfort by Turning Waste into Composite Materials, Tiuc Ancuța, Moga Ligia	TIUC, A., VASILE, O., VERMESAN, H., NEMES, O. and BORLEA (MURESAN), S. 2019. New Multilayered Composite for Sound Absorbing Applications. Romanian Journal of Acoustics and Vibration. 15, 2 (Jan. 2019), 115-121.	3	1	3.33

200	Environmental impact of masonry and RC frame structures, Puskás A., Virág J., Moga L., Szilágyi H., Bindea M., Kollo Sz.	Life cycle energy efficiency in building structures: A review of current developments and future outlooks based on BIM capabilities S Eleftheriadis, D Mumovic, P Greening -Renewable and Sustainable Energy Reviews, Volume 67, January 2017, Pages 811-825	6	10.66	17.77
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201	Sustainable buildings obtained through energy retrofit Moga, L., Moga, I., Puskas, A.	Determination of optimal dimensions of fixed shading systems (pergolas) to reduce energy consumption in buildings in Romania Open Access, Babota, F., Manea, D.L., Aciu, C., (...), Cobirzan, N., Tamaş-Gavrea, D.R. 2018 Procedia Manufacturing 22, pp. 358-363	2	0.31	1.55
202	Sustainable Solutions for Energy Efficiency of Building, L Moga, I Moga	Determination of optimal dimensions of fixed shading systems (pergolas) to reduce energy consumption in buildings in Romania Open Access, Babota, F., Manea, D.L., Aciu, C., (...), Cobirzan, N., Tamaş-Gavrea, D.R. 2018 Procedia Manufacturing 22, pp. 358-363	2	0.31	1.55
203	Sustainable Solutions for Energy Efficiency of Building, L Moga, I Moga	The challenge for building integration of highly transparent photovoltaics and photoelectrochromic devices A Cannavale, F Martellotta, F Fiorito, U Ayr - Energies, 2020 - mdpi.com	2	3.426	17.13
204	Building Design Influence On The Energy Performance, L Moga, I Moga	Analysis and prediction of the energy consumption of buildings based on a back propagation-affinity propagation (AP-BP) neural network X Huang, T Zhao, J Chu - Journal of Beijing University of ..., 2020 - journal.buct.edu.cn	2	0.171	0.86
205	Building Design Influence On The Energy Performance, L Moga, I Moga	Comprehensive Carbon Emission and Economic Analysis on Nearly Zero-Energy Buildings in Different Regions of China Y Kang, J Wu, S Lu, Y Yang, Z Yu, H Zhou, S Xie, Z Fu... - Sustainability, 2022 - mdpi.com	2	3.889	19.45
206	Building Design Influence On The Energy Performance, L Moga, I Moga	Energy efficient building envelope using novel RBF neural network integrated affinity propagation Y Han, C Fan, Z Geng, B Ma, D Cong, K Chen, B Yu - Energy, 2020 - Elsevier	2	6.306	31.53
207	Thermal performance of insulated glazing units established by infrared thermography L Moga	Thermal performance of insulated glazing units established by infrared thermography L Moga IOP Conference Series: Materials Science and Engineering 586 (1), 012006	1	7.129	71.29
208	Thermal performance of insulated glazing units established by infrared thermography L Moga	Overall Efficiency of On-Site Production and Storage of Solar Thermal Energy TM Şoimoşan, LM Moga, L Anastasiu, DL Manea... - Sustainability, 2021 - mdpi.com	1	4.166	41.66
Total punctaj A3.1.1.					2383.60

A3.1.2.1 Articole in volumele unor manifestari stiintifice indexate ISI

1	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	Energy Efficient Stationary Application Supplied with Solar-Wind Hybrid Energy MS Răboacă, RA Felseghi - 2019 International Conference on ..., 2019 - ieeexplore.ieee.org	5	0.50
2	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	Hydrogen as a Fuel Cell R Rajapriya, MS Dangate - Integrated Green Energy Solutions ..., 2023 - Wiley Online Library	5	0.50
3	Thermal bridges at wood frame construction L Moga, I Moga	Building wall corner structures, its microclimate and seismic resistance A Abdykalykov, E Boronbaev... - E3S Web of ..., 2021 - e3s-conferences.org	2	1.25
4	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Study on The Geopolymer Concrete Properties Reinforced with Hooked Steel Fiber, By: Abdullah, M. M. A. B.; Tahir, M. F. M.; Tajudin, M. A. F. M. A.; et al., Conference: International Conference of Applied Science and Technology for Infrastructure Engineering (ICASIE) Location: Surabaya, INDONESIA Date: AUG 05, 2017, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 267 Article Number: UNSP 012014 Published: 2017	7	0.36
5	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Effect of NaOH concentration and fly ash/alkaline activator ratio on the compressive strength of road base material, LA Sofri, M Abdullah, MRM Hasan, AIP Conference Proceedings 2030, 020293 (2018); https://doi.org/10.1063/1.5066934	7	0.36
6	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Compressive strength and microstructure of fly ash and metakaolin geopolymer blend towards NaOH concentration, K Zulkifly, HC Yong, LY Ming, M Abdullah, AIP Conference Proceedings 2030, 020028 (2018); https://doi.org/10.1063/1.5066669	7	0.36
7	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Mechanical Properties of Geopolymer Lightweight Brick with Styrofoam Pellet By: Abdullah, Mohd Mustafa Al Bakri; Tahir, Muhammad Faheem Mohd; Kadir, Aeslina Abdul; et al. Conference: Conference on Green Construction and Engineering Education (GCEE) Location: Malang, INDONESIA Date: AUG 08-09, 2017 Sponsor(s): Univ Negeri Malang, Fac Engr, Civil Engr Dept GREEN CONSTRUCTION AND ENGINEERING EDUCATION FOR SUSTAINABLE FUTURE Book Series: AIP Conference Proceedings Volume: 1887 Article Number: UNSP 020060-1 Published: 2017	7	0.36
8	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Mixed Consolidation Solution for a Reinforced Concrete Structure, By: Lute, M. Edited by: Sandu, AV; Abdullah, MMB; Vizureanu, P; et al. Conference: EUROINVENT International Conference on Innovative Research (ICIR Euroinvent) Location: Iasi, ROMANIA Date: MAY 19-20, 2016	7	0.36
9	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Effect of Solid to Liquid Ratio on Heavy Metal Removal by Geopolymer-Based Adsorbent Ariffin, N., Abdullah, M.M.A.B., Mohd Arif Zainol, M.R.R., Baltatu, M.S., Jamaludin, L. 2018 IOP Conference Series: Materials Science and Engineering 374(1),012045	7	0.36
10	Microstructural Analysis of Geopolymer and Ordinary Portland Cement Mortar Exposed to Sulfuric Acid, AM Izzat, AMM Al Bakri, H Kamarudin, LM Moga, GM Ruzaidi, MTM Faheem, AV Sandu	Fly ash as a raw material for geopolymerisation-mineralogical composition and morphology K Korniejenko, M Lach, J Marczyk... - IOP Conference ..., 2019 - iopscience.iop.org	6	0.42

11	A review on fly ash as a raw cementitious material for geopolymer concrete, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy,	Fly Ash as a Cementitious Material for Concrete A Bouaissi, LY Li, MMAB Abdullah... - ... New Approaches and ..., 2020 - intechopen.com DOI: 10.5772/intechopen.90466	6	0.42
12	A review on fly ash as a raw cementitious material for geopolymer concrete, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy,	Influence of Microparticles on Setting Time and Micromorphology of Coal Ash Geopolymers, DDB Nergis, P Vizureanu, D Topa... -IOP Conference Series: Materials Science and Engineering, Volume 877, International Conference on Innovative Research - ICIR EUROINVENT 2020 21-23 May 2020, Iasi, Romania	6	0.42
13	A review on fly ash as a raw cementitious material for geopolymer concrete, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy,	Determination Of Mechanical Properties Of Geopolymer Based Composites Suitable For 3d Additive Manufacturing, NÇ Demiral - 2022 - openaccess.hacettepe.edu.tr	6	0.42
14	A review on fly ash as a raw cementitious material for geopolymer concrete, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy,	Development Of Construction Demolition Waste-Based Geopolymeric Composites Suitable For Three-Dimensional Additive Manufacturing O Şahin - 2021 - openaccess.hacettepe.edu.tr	6	0.42
15	Sulfuric Acid Attack of ordinary portland cement and geopolymer material. A review, AM Izzat, AMM Al Bakri, H Kamarudin, AV Sandu, GM Ruzaidi, MTM Faheem, LM Moga	Thermal Exposure of Fly Ash-Metakaolin Blend Geopolymer with Addition of Monoaluminum Phosphate (MAP) Khairunnisa Zulkifly et al 2020 IOP Conf. Ser.: Mater. Sci. Eng. 864 012011	7	0.36
16	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Light Weight Foamed Concrete as a Substitute for Bricks in Framed Structure KA Bani, J Antony - National Conference on Structural Engineering and ..., 2019 - Springer	7	0.36
17	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	The Influence of Sodium Hydroxide Concentration on Physical Properties and Strength Development of High Calcium Fly Ash Based Geopolymer as Pavement Base ... LA Sofri, MMAB Abdullah, MRM Hasan... - IOP Conference Series ..., 2020 - iopscience.iop.org	7	0.36
18	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Geopolymer composites based on fly Ash from co-combustion of coal and biomass P Prochoń - 2020 - repo.pw.edu.pl	7	0.36
19	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Compressive strength and microstructure of fly ash and metakaolin geopolymer blend towards NaOH concentration, K Zulkifly, HC Yong, LY Ming, M Abdullah, AIP Conference Proceedings 2030, 020028 (2018); https://doi.org/10.1063/1.5066669	7	0.36
20	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Effect of NaOH concentration and fly ash/alkaline activator ratio on the compressive strength of road base material, LA Sofri, M Abdullah, MRM Hasan, Y. Huang AIP Conference Proceedings 2030, 020293 (2018); https://doi.org/10.1063/1.5066934	7	0.36

21	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Sulphated Electric Arc Furnace Slag Asfenton-Like Catalyst for Degradation of Reactive Black 5 Zubir, N.A., Nasuha, N., Alrozi, R. (2018) IOP Conference Series: Materials Science and Engineering	7	0.36
22	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Research on influence of water-cement ratio on workability and mechanical properties of geopolymer grouting material, XQ Wang, PH Wen, ZW Gao, C H Wang, IOP Conference Series: Materials Science and Engineering, Volume 292, conference 1	7	0.36
23	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Effect of Solid to Liquid Ratio on Heavy Metal Removal by Geopolymer-Based Adsorbent Ariffin, N., Abdullah, M.M.A.B., Mohd Arif Zainol, M.R.R. (2018) IOP Conference Series: Materials Science and Engineering	7	0.36
24	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Comparative consumption and cost analysis of heating using central heating unit (Chu) respectively by condensation central heating unit (cchu) for buildings located in romania Babota, F., Iernutan, R. 2017 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 17(53), pp. 111-118	3	0.83
25	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Modelling of Edge Insulation Depending on Boundary Conditions for the Ground Level Stolarska, A., Strzałkowski, J. 2017 IOP Conference Series: Materials Science and Engineering 245(4),042003	3	0.83
26	The influence of the thermal insulation of the window frameworks on the energy performance of the window, Moga, L., Moga, I.	Olaru, M., Maier, D., Nicoara, D., Maier, A. (2013), Establishing the basis for the development of an organization by adopting the integrated management systems: comparative study of various models and concepts of integration, 2nd World Conference on Business, Economics and Management-BEM 2013, April 25 -28, 2013, Antalya, Turkey	2	1.25
27	Sustainable buildings obtained through energy retrofit Moga, L., Moga, I., Puskas, A.	Comparative consumption and cost analysis of heating using central heating unit (Chu) respectively by condensation central heating unit (cchu) for buildings located in romania Babota, F., Iernutan, R. 2017 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 17(53), pp. 111-118	3	0.83
28	Sustainability of Masonry and Reinforced Concrete Frame Structures. Case Studies, A Puskás, L Moga	HYBRID JOINT TESTING PROGRAM. TESTING OF COMPONENT MATERIALS, International Multidisciplinary Scientific GeoConference : SGEM : Surveying Geology & mining Ecology Management; Sofia Vol. 18, Iss. 6.4, : 411-418. Sofia: Surveying Geology & Mining Ecology Management (SGEM). (2018) DOI:10.5593/sgem2018V/6.4/S09.052	2	1.25
29	Sustainability of reinforced concrete frame structures - A case study Puskas, A., Moga, L.M.	Assessment and Rehabilitation Issues Concerning Existing 70's Structural Stock Open Access Sabareanu, E. 2017 IOP Conference Series: Materials Science and Engineering 209(1),012100	2	1.25
30	Sustainable solutions for energy efficiency of buildings Moga, L., Moga, I.	Thermal performance of ground contact structures and their impact on the energy performance of buildings, Moga Ligia, Moga Ioan, Abrudan Ancuta, Babota Florin, Munteanu Constantin Volume 17, Issue 62, 2017, Pages 843-850 17th International Multidisciplinary Scientific Geoconference, SGEM 2017; Albena; Bulgaria; 29 June 2017 through 5 July 2017 conference-paper DOI: 10.5593/sgem2017/62/S27.108	2	1.25
31	Sustainable solutions for energy efficiency of buildings Moga, L., Moga, I.	Calculation and analysis of energy consumption index for heating purposes in a common dwelling building in romania, in different variants of thermal insulation and ventilation Volume 17, Issue 62, 2017, Pages 503-510 17th International Multidisciplinary Scientific Geoconference, SGEM 2017; Albena; Bulgaria; 29 June 2017 through 5 July 2017 conference-paper DOI: 10.5593/sgem2017/62/S26.064, Babota Florin, Moga Ligia, Aciu Claudiu, Munteanu Constantin, Tamas Gavrea Roxana	2	1.25
32	Sustainable solutions for energy efficiency of buildings Moga, L., Moga, I.	Thermal performance of insulated metal panel systems , Moga, Ligia; Moga, Ioan; Abrudan, Ancuta; Babota, Florin; Munteanu, Constantin. 2017 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, International Multidisciplinary Scientific GeoConference : SGEM : Surveying Geology & mining Ecology Management; Sofia Vol. 17, : 1073-1078. Sofia: Surveying Geology & Mining Ecology Management (SGEM). (2017) DOI:10.5593/sgem2017H/63	2	1.25
33	Sustainable solutions for energy efficiency of buildings Moga, L., Moga, I.	Comparative consumption and cost analysis of heating using central heating unit (Chu) respectively by condensation central heating unit (cchu) for buildings located in romania Babota, F., Iernutan, R. 2017 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 17(53), pp. 111-118. R. 2018	2	1

34	Corelation between the thermal couplin coefficient and the thermal performance of a building, L Moga, I Moga, A Abrudan	Comparative consumption and cost analysis of heating using central heating unit (Chu) respectively by condensation central heating unit (cchu) for buildings located in romania Babota, F., Iernutan, R. 2017 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 17(53), pp. 111-118.R. 2018	3	0.83
35	Nano insulation materials for application in nZEB, Moga L., Bucur A.	Considerations Regarding the Green Retrofitting of Residential Buildings From Human Wellbeing Perspectives RA Felseghi, TM Şoimoşan, C Filote... - Retrofitting for Optimal ..., 2019 - IGI Global	2	1.25
36	Aerogel-A thermal characterization and analysis,A Bucur, L Moga	Common thermal insulations vs nano insulations: A comparative analysis regarding the nZEB targets fulfilment , 2018 International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM	2	1.25
37	Protection to railway traffic noise in the case of a multilevel residential building from the city of Cluj-Napoca, C Munteanu, Moga LM, Dr Tămaş-Gavrea, N Cobîrzan, R Chiuzbaian, R Fernea	Building a physical model of acoustic air pollution reduction process for brick manufacturing enterprises V Bespalov, O Gurova... - E3S Web of Conferences, 2020 - e3s-conferences.org	6	0.42
38	The acoustic properties of the lecture hall of the Faculty of Building Services in Cluj-Napoca C Munteanu, D Bogdan, MI Mihaela, N Cobîrzan, DR Tămaş-Gavrea, F.Babota	Optimal cost-efficiency solution of acoustic treatment for a complex meeting room C Bailescu, V Iordache, T Catalina - E3S Web of Conferences, 2019 - e3s-conferences.org	6	0.42
Total punctaj A3.1.2.				25.11

A3.1.3. Bf Articol in reviste indexate BDI

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
1	Thermal performance of insulated glazing units established by infrared thermography, L Moga	Environmental Impact of Buildings Heating Systems: Renewable Energy Sources and Energy Hub TM Ţoimoşan - Environmental and Human Impact of Buildings: An ..., 2021 - Springer	1	2.00
2	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	Current Practices in Energy Retrofit of Buildings LM Moga, A Bucur, I Iancu - ..., and Human Impact of Buildings: An ..., 2021 - Springer	5	0.40
3	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	Environmental Impact of Buildings Heating Systems: Renewable Energy Sources and Energy Hub TM Ţoimoşan - Environmental and Human Impact of Buildings: An ..., 2021 - Springer	5	0.40
4	Analytic study of thermal bridges met at high performance energy efficient buildings, L Moga, I Moga	Environmental Impact of Buildings Heating Systems: Renewable Energy Sources and Energy Hub TM Ţoimoşan - Environmental and Human Impact of Buildings: An ..., 2021 - Springer	2	1.00
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86	Protection to railway traffic noise in the case of a multilevel residential building from the city of Cluj-Napoca, C Munteanu, Moga LM, Dr Tâmaș-Gavrea, N Cobirzan, R Chiuzaiban, R Fernea	ИССЛЕДОВАНИЕ ПРОЦЕССА АКУСТИЧЕСКОГО ЗАГРЯЗНЕНИЯ ВОЗДУШНОЙ СРЕДЫ НА ПРЕДПРИЯТИЯХ СТРОИТЕЛЬНОЙ ОТРАСЛИ В РАМКАХ ... ВИ Беспалов, ОС Гурова... - Строительство и ..., 2020 - cyberleninka.ru	6	0.33
87	Improving Thermal Performance of the Wall Panels Using Slotted Steel Stud Framing, Lupan, L. M.; Manea, D. L.; Moga, L. M.	Análisis comparativo de confort térmico de vivienda unifamiliar en LSF frente a mampostería R Brito-Peña, D Villa-Enderica... - Ingenius. Revista de ..., 2022 - scielo.senescyt.gob.ec	3	0.67
88	Improving Thermal Performance of the Wall Panels Using Slotted Steel Stud Framing, Lupan, L. M.; Manea, D. L.; Moga, L. M.	Thermal Performance Evaluation of Slotted Steel Studs in Infill Walls K Rud-Olson - 2019 - search.proquest.com	3	0.67
89	Life cycle analysis of warehouse-type constructions, IE Iancu, LM Moga	Appropriate criteria for a transition from conventional to sustainable warehousing A Vasileva, AM LAZAREVSKA... - Logistics, Supply Chain ..., 2022 - sciendo.com	2	1.00
90	Sustainability of reinforced concrete frame structures—A case study, A Puskas, LM Moga	Certificação leed: o incremento da inovação no ambiente construído em relação à sustentabilidade ML de Oliveira, JE Ruppenthal - Iberoamerican ..., 2020 - ... incubadora.ufsc.br	2	1.00
91	Sustainability of reinforced concrete frame structures—A case study, A Puskas, LM Moga	Durability of Fly Ash Based Geopolymer Concrete Infilled with Rubber Crumb in Seawater Exposure Z Yahya, M Abdullah, SNH Ramli, M G Minciuna and R Abd Razak, IOP Conference Series: Materials Science and Engineering, Volume 374, conference 1	2	1.00

92	Sustainability of reinforced concrete frame structures—A case study, A Puskas, LM Moga	Sustainability of Reinforced Concrete Buildings: A Review Study FS Alotaibi - eimj.org	2	1.00
93	Sustainability of reinforced concrete frame structures—A case study, A Puskas, LM Moga	The construction of load bearing masonry building in Malaysia A Mohd Nor Nur Aziz, AY Bahaudin - 2017 - repo.uum.edu.my	2	1.00
94	Protection to railway traffic noise in the case of a multilevel residential building from the city of Cluj-Napoca, C Munteanu, Moga LM, Dr Tamaş-Gavrea, N Cobirzan, R Chiuzbalan, R Fernea	STUDY OF THE PROCESS OF ACOUSTIC AIR POLLUTION AT THE ENTERPRISES OF THE CONSTRUCTION INDUSTRY WITHIN THE FRAMEWORK OF THE PHYSICAL AND ENERGY APPROACH - Исследование процесса акустического загрязнения воздушной среды на предприятиях строительной отрасли в рамках физико-энергетического ... ВИ Беспалов, ОС Гурова... - Строительство и ..., 2020 - cyberleninka.ru	6	0.33
95	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Recycled Aggregate in Pavement Construction: Review of Literatures A Busari, E Adeyanju, T Loto... - Journal of Physics ..., 2019 - iopscience.iop.org	4	0.50
96	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	ЕКОЛОГІЧНО-ЕКОНОМІЧНА ДОЦІЛЬНІСТЬ КОМПЛЕКСНОГО УПРАВЛІННЯ ПОТОКАМИ ВІДХОДІВ В БУДІВЕЛЬНІЙ ГАЛУЗІ IA ARUTIUNIAN, AA SHUVAEV - Мости та тунелі: теорія ..., 2020 - bttrp.dit.edu.ua	4	0.50
97	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	TOOLS FOR ATTRACTING CONSTRUCTION WASTE AND DEPRECIATION TO THE REPEATED ECONOMIC CYCLE IN THE CONTEXT OF THEIR CLASSIFICATION FEATURES ARTICLE, https://doi.org/10.36074/grail-of-science.19.11.2021.114 , November 30, 2021	4	0.50
98	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Properties of Gypsum Mortars Dosed with LFS for Use in the Design of Prefabricated Blocks I Santamaría-Vicario, A Alonso-Diez... - New Technologies in Building and Construction pp 265–282, 202	4	0.50
99	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Ефективність комплексного управління потоками вторинних ресурсів будівельної галузі- Effectiveness of integrated management of secondary resource flows in the construction industry IA Arutiunian, AA Shuvaev - Metal Science and Heat Treatment ..., 2021 - mtom.pgasa.dp.ua	4	0.50
100	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Causative factors of construction and demolition waste generation in Iraq Construction Industry MK Obaid - 2021 - eprints.uthm.edu.my	4	0.50
101	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Аналіз можливостей покращення якостей утеплювачів з вторинної сировини перспективи їх застосування в будівництві- Analysis of opportunities to improve the quality of insulation from secondary raw materials and prospects for their application in construction AB Радчевіч, ВІ Анін, ВВ Радченко, АА Шувєєв - 2021 - eadnurt.dit.edu.ua	4	0.50
102	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	ЗНАЧЕННЯ ПОРТ-АРТУРУ В ХОДІ ЯПОНО-КИТАЙСЬКОЇ ВІЙНИ 1894-1895 РР. НВ Дорош - GRAIL OF SCIENCE, 2021 - sci.idubgd.edu.ua	4	0.50
103	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	INFLUENCE OF SHELF LIFE OF FERROALLOY INDUSTRY SLUDGE ON THE PROPERTIES OF CEMENT-BASED MIXTURES AM PETROV, Xu SHEPTUN - Bridges and tunnels: theory ..., 2021 - bttrp.dit.edu.ua	4	0.50
104	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	MODERN TRENDS IN THE DEVELOPMENT OF CONSTRUCTION WASTE FLOW MANAGEMENT IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT OF REGIONS AA SHUVAEV - WELCOMING SPEECH - feb.tsatu.edu.ua	4	0.50
105	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	THE URGENCY OF CREATING AN INTEGRATED SYSTEM FOR THE USE OF CONSTRUCTION WASTE AS SECONDARY RESOURCES (MATERIALS) IA Harutyunyan, AA Shuvaev - ... University, 2021 Authors of abstracts, 2021 - znu.edu.ua	4	0.50
106	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Relationship between construction waste generation and recycling practices in Southern Johor K Nadarason - 2019 - eprints.uthm.edu.my	4	0.50
107	Construction waste disposal practices: The recycling and recovery of waste, Puskás A, Corbu O, Szilágyi H, Moga L	Scientific, methodological and practical conditions for the implementation of the system of integrated flow management of secondary resources in the construction industry A Shuvaev - Collection of scientific papers SCIENTIA, 2021 - ojs.ukrlogos.in.ua	4	0.50
108	Building Design Influence On The Energy Performance, L Moga, I Moga	HOUSING OCCUPANTS' MOTIVATIONAL DRIVERS FOR ENERGY-SAVINGS IN THE UNITED ARAB EMIRATES: AN EXPLORATORY STUDY MM Syam - 2020 - scholarworks.uaeu.ac.ae	2	1.00

109	Building Design Influence On The Energy Performance, L Moga, I Moga	An Improved Echo State Network Model for Spatial- Temporal Energy Consumption Prediction in Public Buildings Y Sun, J Xu, R Jiang, Z Wu - ..., NCAA 2021, Guangzhou, China, August 27 ..., 2021 - Springer	2	1.00
110	Building Design Influence On The Energy Performance, L Moga, I Moga	An intelligent forecasting model for building energy consumption using k-shape clustering and random forest B Wang, D Zhang, W Yang, Z Leng - 2021 2nd International Conference ..., 2021 - dl.acm.org	2	1.00
111	The influence of the thermal insulation of the window frameworks on the energy performance of the window, I Moga, L Moga	Establishing the basis for development of an organization by adopting the integrated management systems: comparative study of various models and concepts of ... M Olaru, D Maier, D Nicoră, A Maier - Procedia-Social and Behavioral ..., 2014 - Elsevier	2	1.00
112	The influence of the thermal insulation of the window frameworks on the energy performance of the window, I Moga, L Moga	K Nadarason - 2019 - eprints.uthm.edu.my	2	1.00
Total punctaj A3.1.3.				78.15

A3.1.4. A: Articole in volumele unor manifestari stiintifice indexat BDI

1	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study, L Moga, I Petran, P Santos, V Ungureanu	APPLICATION OF AERIAL AND TERRESTRIAL THERMOGRAPHY FOR DETERMINING THE BUILDING ENVELOPE THERMAL PERFORMANCE L Moga, T Şoimoşan, I Moldovan... - International ..., 2022 - search.proquest.com	4	0.25
2	Thermal bridges at wood frame construction, L Moga, I Moga	Building wall corner structures, its microclimate and seismic resistance A Abdykalykov, E Boronbaev... - E3S Web of ..., 2021 - e3s-conferences.org	2	0.50
3	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	Green Hybrid Energy for Office Building, C Filote, RA Felseghi, F Cârlea, M Raţă... - E3S Web of ..., 2019 - search.proquest.com	5	0.20
4	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	ENERGY FROM RENEWABLE SOURCES FOR IMPROVING ENERGY EFFICIENCY IN HERITAGE HISTORIC BUILDINGS - G Badea, RA Felseghi, I Aşchilean... - International ..., 2019 - search.proquest.com	5	0.20
5	Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, Soimosan, TM; Moga, LM; Danku, G; Cazila, A; Manea, DL	ENERGY FROM RENEWABLE SOURCES FOR IMPROVING ENERGY EFFICIENCY IN HERITAGE HISTORIC BUILDINGS - G Badea, RA Felseghi, I Aşchilean... - International ..., 2019 - search.proquest.com	5	0.20
6	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Alharbi, Najat A., "Alkali Activated Slag Characterization by Scanning Electron Microscopy and X-ray Microanalysis" (2018). Thesis. Rochester Institute of Technology. Accessed from https://scholarworks.rit.edu/theses/9756	7	0.14
7	Aspects regarding dynamic calculation of plan building elements having thermal bridges Bruma B., Moga L, Moga I.	Mitigating Thermal Bridging in Ventilated Rainscreen Envelope Construction: Methods to Reduce Thermal Transfer in Net-Zero Envelope Optimization M Grauer - 2018 - search.proquest.com	3	0.33
8	The influence of the thermal insulation of the window frameworks on the energy performance of the window, Moga, L., Moga, I.	Gestión de la calidad en las empresas de transmisión de energía eléctrica en el Perú C Chávez, M Alexis, DO Flores Rodríguez... - 2017 - tesis.pucp.edu.pe, http://hdl.handle.net/20.500.12404/9646	2	0.50
9	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Effects of sodium oxide content on the durability of alkali-activated mortar utilizing botswana copper mine tailings and fly ash AVJ Sannoh, G Malumbela... - MATEC Web of Conferences 364, 02010 (2022)	7	0.14
10	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Estabilização de Solo Sedimentar Contaminado através de Cimentos Alcalinos Aplicados com Recurso à Técnica de Deep Soil Mixing CG da Silveira Pinheiro - 2022 - repositorio-aberto.up.pt	7	0.14
11	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Production of Geopolymer Materials from Solid Wastes of Drinking Water Treatment Plants and Alum Industry MAA Mohammed - 2021 - researchgate.net	7	0.14

12	Assessment of Alkali Activated Geopolymer Binders as an Alternative of Portland Cement, M. A. Faris, M.M. Al B. Abdullah, A.V. Sandu, K. N.Ismail, L.M. Moga, O. N., R. Muniandy	Geopolymer composites based on fly Ash from co-combustion of coal and biomass, P Prochoń - 2021 - repo.pw.edu.pl	7	0.14
13	Sulfuric Acid Attack of ordinary portland cement and geopolymer material. A review, AM Izzat, AMM Al Bakri, H Kamarudin, AV Sandu, GM Ruzaidi, MTM Faheem, LM Moga	EFFECTIVENESS OF HYBRID FIBER REINFORCEMENT ON ENHANCEMENT OF THE MECHANICAL PROPERTIES OF CEMENT BASED HIGH STRENGTH ... A Anwer - 2020 - acikerisim.harran.edu.tr	7	0.14
14	Sulfuric Acid Attack of ordinary portland cement and geopolymer material. A review, AM Izzat, AMM Al Bakri, H Kamarudin, AV Sandu, GM Ruzaidi, MTM Faheem, LM Moga	Comparison of the Resistance of Belitic Calcium Sulfoaluminate Cement and Portland Cement to Sulfate Attack and Sulfuric Acid R Dillard - 2021 - search.proquest.com	7	0.14
15	Construction waste disposal practices: The recycling and recovery of waste, Puskás Attila, Corbu Ofelia, Szilágyi Henriette, Moga Ligia,	P Prochoń - 2021 - repo.pw.edu.pl	4	0.25

Total punctaj A3.1.4.

3.43

Total punctaj A3.1.

2490.30

A3.2 Prezentari invitate in plenum unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv ERASMUS)

Nr.	Tip	Manifestare Stiintifica	URL	Punctaj
3.2.1				
1	internationala	Keynote speaker SGEM Vienna Green 2016 – „Green Buildings Technologies And Materials”, Viena, Austria	http://www.sgemviennagreen.org/index.php/sgemviennagreen-deadlines/conference-agenda-menu/conference-keynote-speakers	10
2	internationala	Keynote speaker SGEM Vienna Green 2017 "Green Architecture - Today's Challenge, Tomorrow's Asset", Viena, Austria	https://www.sgemviennagreen.org/	
3	international	Moderator panel „Atelier 4 - La rénovation des quartiers précaires” în cadrul Rencontres européennes de Transylvanie „Comment réussir la transition vers une ville plus durable?”, 14-16 mars 2018, Cluj-Napoca et Alba Iulia organizat de Ambasada Franței în România și Institutul Francez.	http://www.ccifer.ro/tr/actualites-media/agenda/vue-detail/d/conference-la-ville-durable-comment-reussir-la-transition/	
4	international	Visiting profesor în cadrul școlii internaționale de vară la Universidade da Coruña - International Summer School, în perioada 20 iulie -31 iulie 2020, lector al cursului „Nearly Zero Energy Building Modeling and Design, for New and Existing Buildings”.	https://udc.es/gl/iss/cursos-2020/	
				10.00

3.2.2				
1	nationala	Lector invitat pentru sustinerea cursului de perfectionare profesionala "Consideratii legate de Ordinul nr. 2641/2017 și studiu de caz" în cadrul organizatiei profesionale OPSEC, mai 2017, Cluj-Napoca	www.opsec.ro	5
2	nationala	Lector invitat pentru sustinerea cursului de perfectionare profesionala "Aspecte privind proiectul de actualizare a "Metodologiei de calcul al performantei energetice a cladirilor, indicativ MCO01/2006" în cadrul organizatiei profesionale OPSEC, mai 2019, Cluj-Napoca	www.opsec.ro	
3	nationala	Prezentare invitata "Alinierea legislatiei nationale și a curriculei universitare la cerințele de proiectare nZEB" în cadrul conferintei "Specialistii Ferestrelor, fatadelor și sticlei" organizată de Patronatul Producătorilor de Tâmplărie Termoizolantă, noiembrie 2019, Cluj-Napoca	https://www.pptt.ro/conferinte-pptt/invitatie-conferinta-specialistii-ferestrelor-fatadelor-si-sticlei-iasi-17-octombrie-2019/	

4	nationala	Lector invitat pentru sustinerea cursului de perfectionare profesionala "Consideratii privind efectul puntilor termice la cladiri nZEB" in cadrul organizatiei profesionale OPSEC, 8 Ianuarie 2022, Cluj-Napoca	www.opsec.ro
5	nationala	Lector invitat pentru sustinerea cursului de perfectionare profesionala "Modelarea si simularea puntilor termice. Exemple practice" in cadrul organizatiei profesionale OPSEC, 11 Iunie 2022, Cluj-Napoca	www.opsec.ro

5.00

Total punctaj A3.2. 15.00

A3.3 Membru in colectivele de redactie sau comitetele stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice, recenzor pentru reviste si manifestari stiintifice nationale si internationale

Nr.	Nume jurnal	URL	Tip (ISI/BDI/nationale si internationale neindexate)	Punctaj	
3.3.1	1	CONSTRUCTION AND BUILDING MATERIALS (recenzor) ISSN: 0950-0618	https://www.journals.elsevier.com/construction-and-building-materials	ISI	10
2	Energy and Buildings (recenzor) ISSN: 0378-7788	https://www.journals.elsevier.com/energy-and-buildings/	ISI		
3	HEAT TRANSFER ENGINEERING ISSN: 1521-0537 (recenzor)	http://www.tandfonline.com/loi/uhte20	ISI		
4	Energies	https://www.mdpi.com/journal/energies	ISI		
5	Sustainability	https://www.mdpi.com/journal/sustainability	ISI		
6	Applied sciences	https://www.mdpi.com/journal/applsci	ISI		
7	Journal of Thermal Analysis and Calorimetry ISSN 1588-2926	https://www.springer.com/journal/10973	ISI		
8	Progress in Organic Coatings ISSN: 0300-9440	https://www.journals.elsevier.com/progress-in-organic-coatings/	ISI		
9	Architectural Science Review ISSN: 1758-9622	https://www.tandfonline.com/toc/tasr20/current	ISI		
10	Energy Reports ISSN: 2352-4847	https://www.journals.elsevier.com/energy-reports	ISI		
11	Materials ISSN: 1996-1944	https://www.mdpi.com/journal/materials	ISI		
12	Sensors ISSN: 1424-8220	https://www.mdpi.com/journal/sensors	ISI		
13	Journal of Building Engineering ISSN: 2352-7102 (recenzor)	http://www.journals.elsevier.com/journal-of-building-engineering/	ISI		
14	Building Simulation e-ISSN: 1996-8744	https://www.springer.com/journal/12273	ISI		
15	Thermal Science and Engineering Progress e-ISSN: 2451-9049	https://www.sciencedirect.com/journal/thermal-science-and-engineering-progress	ISI		
16	Biomimetics ISSN: 2313-7673	https://www.mdpi.com/journal/biomimetics/about	ISI		
17	Cogent Engineering e-ISSN: 2331-1916	Cogent Engineering journal metrics (tandfonline.com)	ISI		
18	Energy e-ISSN: 1873-6785	https://www.sciencedirect.com/journal/energy	ISI		
19	Case Studies in Construction Materials e-ISSN: 2214-5095	Case Studies in Construction Materials Journal ScienceDirect.com by Elsevier	ISI		
20	Case studies in thermal engineering e-ISSN: 2214-157X	https://www.sciencedirect.com/journal/case-studies-in-thermal-engineering	ISI		
				10.00	
3.3.2	1	Journal of Applied Engineering Sciences (JAES) - editor	http://www.arhiconoradea.ro/jaes/Ed_team.htm	BDI	6
2	Journal of Applied Engineering Sciences (JAES) - reviewer	http://www.arhiconoradea.ro/jaes/Ed_team.htm	BDI		
3	Journal of sustainable development and planning- reviewer	http://www.witpress.com/journals/sdp	BDI		
4	Frontiers of Architectural Research ISSN: 2095-2635 (recenzor)	http://www.journals.elsevier.com/frontiers-of-architectural-research	BDI		
5	Pollack Periodica-An International Journal for Engineering and Information Sciences ISSN 1788-1994 (recenzor)	https://akademial.hu/55/journals/products/engineering_sciences/pollack_periodica_eng	BDI		
6	Energy and Built Environment e-ISSN: 2666-1233	https://www.sciencedirect.com/journal/energy-and-built-environment	BDI		
7	Resources ISSN: 2079-9276	Resources An Open Access Journal from MDPI	BDI		
				6.00	

3.3.3

1	„Chairman” în cadrul conferinței EERB-BEPH 2009, Hunan University, University of Hong-Kong and Tsinghua University, 29-31 mai 2009, Guilin, Guangxi Province, China	http://www.bulldup.eu/events/726	ISI
2	Organizator și recenzor lucrări "Sustainable materials, processes and eco-efficient construction and technologies la First International Conference for PhD Students in Civil Engineering, Cluj-Napoca, 2012	http://sens-group.ro/ce2012/	nationale și internaționale neindexate
3	Comitet științific "Sesiunea Națională de Comunicări Științifice Studentești", Ediția XI, Cluj-Napoca, 2012		nationale și internaționale neindexate
4	Comitet științific "Sesiunea Națională de Comunicări Științifice Studentești", Ediția XI, Cluj-Napoca, 2013		nationale și internaționale neindexate
5	Organizator și recenzor lucrări Conferința Internațională "Tradition and Innovation-60 Years of civil Engineering Higher Education in Transilvania" 2013		nationale și internaționale neindexate
6	Organizator și recenzor lucrări "Energy efficient, sustainable buildings and building service" la Second International Conference for PhD Students in Civil Engineering, Cluj-Napoca, 2014	http://sens-group.ro/ce2014/	nationale și internaționale neindexate
7	Comitet științific și organizare "Sesiunea Națională de Comunicări Științifice Studentești", Ediția XI, Cluj-Napoca, 2014	http://snccs.ro/comitete/	nationale și internaționale neindexate

8	Buildings and Environment 2015 (enviBUILD 2015)	http://envibuild.ehb.sk/	BDI
9	Comitet științific și organizare " Sesiunea Națională de Comunicări Științifice Studențești", Ediția XI, Cluj-Napoca, 2015	http://snccs.ro/comitete/	nationale și internaționale neindexate
10	Chairman în cadrul conferinței SGEM 2015 la secțiunile „Green Buildings Technologies and Materials” și „Green Design and Sustainable Architecture”.	https://www.sgem.org/	BDI
11	Comitet științific și organizare " Sesiunea Națională de Comunicări Științifice Studențești", Ediția XI, Cluj-Napoca, 2016	http://snccs.ro/comitete/	nationale și internaționale neindexate
12	Chairman în cadrul conferinței SGEM 2016 la secțiunile „Ecology and Environmental Protection” și „Green Design and Sustainable Architecture”.	https://www.sgem.org/	ISI
13	Comitet științific și organizare " Sesiunea Națională de Comunicări Științifice Studențești", Ediția XI, Cluj-Napoca, 2017	http://snccs.ro/comitete/	nationale și internaționale neindexate
14	Comitet științific și organizare " Sesiunea Națională de Comunicări Științifice Studențești", Ediția XII, Cluj-Napoca, 2018	http://snccs.ro/comitete/	nationale și internaționale neindexate
15	Comitet științific și organizare " Sesiunea Națională de Comunicări Științifice Studențești", Ediția XII, Cluj-Napoca, 2019	http://snccs.ro/comitete/	nationale și internaționale neindexate
16	Chairman în cadrul conferinței SGEM 2018 la secțiunile „Ecology and Environmental Protection, Green Buildings technologies and Materials, Environmental Economics”	https://www.sgem.org/	BDI
17	Organizator, editor și recenzor lucrări Conferința Internațională "Tradition and Innovation-60 Years of civil Engineering Higher Education in Transilvania" 2013	https://c65.utcluj.ro/	nationale și internaționale neindexate
18	Comitet științific Buildings and Environment 2018 (enviBUILD 2018)	https://unideb.hu/hu/envibuild2018	BDI
19	Organizator și comitet juriu concurs național de proiectare clădiri cu consum redus de energie, finanțat de MEN "Cursa către ZERO" 2018	constructii.utcluj.ro	nationale și internaționale neindexate
20	Comitet juriu concurs național de proiectare „finanțat de MEN "Casa de maine" 2018	constructii.utcluj.ro	nationale și internaționale neindexate
21	Organizator, recenzor și chairman Conferința Internațională "Conferința Internațională "Tradiție și inovare - 65 de ani de construcții în Transilvania" 2018	https://c65.utcluj.ro/wp-content/uploads/2018/03/Flyer-c65.pdf	nationale și internaționale neindexate

22	Chairman si recenzor lucrări Conferința Internațională "SMSS2019", Rovinj, Croatia	http://grad.hr/rilem.smss/	ISI
23	Chairman si recenzor lucrări Conferința Internațională "COMPUTATIONAL CIVIL ENGINEERING 2019"	http://www.cce.ci.tuiasi.ro/	BDI
24	Recenzor lucrări Conferința Internațională "CLIMA 2019", București	www.clima2019.org	BDI
25	Recenzor lucrări Conferința Internațională "CCE2021", Iași	CCE 2021 – Computational Civil Engineering CCE2023 (tuiasi.ro)	BDI
26	Recenzor lucrări Conferința Internațională "COBEE 2022", Montreal	COBEE 2022	BDI
27	Recenzor lucrări Conferința Internațională "CLIMA 2022", Rotterdam	CLIMA 2022 the 14th HVAC World Congress Home	BDI
28	Chairman conferința "EENVIRO2022", București	https://www.eenviro.ro/	ISI
29	Comitet științific si chairman " Sesiunea Națională de Comunicări Științifice Studentești", Fac. de Construcții, UTCN, 2021	http://snccs.ro/comitete/	nationale si internationale neindexate
30	Comitet științific si chairman " Sesiunea Națională de Comunicări Științifice Studentești", Fac. de Construcții, UTCN, 2022	http://snccs.ro/comitete/	nationale si internationale neindexate
31	Comitet științific si chairman " Sesiunea Națională de Comunicări Științifice Studentești", Fac. de Construcții, UTCN, 2023	http://snccs.ro/comitete/	nationale si internationale neindexate
32	Organizator „Energy Efficiency in Buildings” - ediția 2022	Scoala Internațională de Iașă UTCN - Universitatea Tehnică din Cluj-Napoca (utcluj.ro)	nationale si internationale neindexate
33	Chairman în cadrul conferinței SGEM Vienna Green 2022	SGEM Vienna Sessions "Green Science for Green Life" - SGEM Vienna Green	BDI
			4.00

Total punctaj A3.3 **20.00**

A 3.4 Experienta de management

Punctaj

		Punctaj			
3.4.1	1	Sef laborator Fizica Constructiilor		2018- prezent, 5 ani	25
	2	Coordonator Scoala Internationala UTCN	https://www.utcluj.ro/international-summer-school/	2021- prezent, 2 ani	10
	3	Coordonator Erasmus+ Fac.de Constructii	http://bri.utcluj.ro/erasmus_plus_comisia.php	2021- prezent, 2 ani	10
					45.00

3.4.2	1	Membreu în Consiliul Facultății de Construcții	http://constructii.utcluj.ro/consiliul-facultatii.html	2012- prezent, 11 ani	22
	2	Membreu în Consiliul dep. CCM	https://constructii.utcluj.ro/departamentul-constructii-civile-si-management.html	2015- 2020, 4 ani	8
	3	Membreu în Comisia Erasmus-Facultatea de Constructii	http://constructii.utcluj.ro/consiliul-facultatii.html	2012- prezent, 11 ani	22
	4	Membreu în Senatul UTCN	https://www.utcluj.ro/media/documents/2017/membri_senat_mai_2017.pdf	2015- prezent, 8 ani	16
	5	Membreu în Comisia de Inginerie Civilă și Management CNATDCU	http://www.cnatdcu.ro/comisia-de-inginerie-civila-si-management/	2018- 2020	4
	6	Membreu în Comisia Tehnica de specialitate CTS E, MDLPA	www.mdipa.ro	2021-prezent, 2 ani	4
	7	Membreu supleant în Comisia Tehnica de specialitate CTP 1, MDLPA	https://www.mdipa.ro	2021-prezent, 2 ani	4
	8	Membreu CT 281 - Performanța termică a clădirilor și a elementelor de	https://www.asro.ro/sectoare-de-standardizare/	2021-prezent, 2 ani	4
	9	Membreu CT 113 Materiale pentru acoperișuri, izolații termice, fonice și	https://www.asro.ro/sectoare-de-standardizare/	2021-prezent, 2 ani	4
					88.00

Total punctaj A3.4. **133.00**