

**Fișa de îndeplinire a standardelor minime pentru domeniul
Ingineria Mediului
- conform cu Ordinul 6.129 din 2016 emis de MENCS -**

Candidat: Conf. dr. Cristina CAZAN

Criteria	Valoarea Minimă	Valoarea obținută de candidat
NT (Număr total de articole în reviste ISI)	≥ 25	28 în reviste ISI cu FI
NP (Număr total articole ISI la care candidatul este prim autor sau autor de corespondență)	≥ 10 min. 6 în reviste cu FI > 1	12 11 în reviste cu F > 1
FIC (Factor de impact cumulat)	≥ 20	81,63
NC (Număr total de citări – fără autocitări – din baza Scopus și ISI Web of Science)	≥ 100	546

Articole publicate în jurnale cotate ISI (cu factor de impact)

Nr. crt.	ARTICOL ISI	NP	FI 2024	Nr. autori	FIC	Zona	NC
1	Cazan, C., Cosnita, M., Sustainable composites with synergistic combinations of construction and demolition waste: Behavior of rubber, HDPE, PS, and brick after short-term water	DA	9,7	2	9,70	Q1	0

	immersion, Journal of Cleaner Production, 471 (2024) 143342. doi: 10.1016/j.jclepro.2024.143342 https://www.webofscience.com/wos/woscc/full-record/WOS:001301201200001 link citari:						
2	Ionescu, A.M., Cazan, C., Pharmaceutical Waste Management: A Comprehensive Analysis of Romanian Practices and Perspectives, Sustainability, 16(15) 2024, 6571.doi:10.3390/su16156571 https://www.webofscience.com/wos/woscc/full-record/WOS:001287090300001 link citari:	NU	3,3	2	1,65	Q2	0
3	Matei, S., Pop, MA., Zaharia, SM., Cosnita, M., Croitoru, C., Spirchez, C., Cazan, C. , Investigation into the Acoustic Properties of Polylactic Acid Sound-Absorbing Panels Manufactured by 3D Printing Technology: The Influence of Nozzle Diameters and Internal Configurations, Materials, 17(3), 2024, 580. DOI:10.3390/ma17030580 https://www.webofscience.com/wos/woscc/full-record/WOS:001160043000001 link citari: https://www-webofscience-com.z.e-nformation.ro/wos/woscc/summary/7c0738b9-c554-473d-8a73-941508794cbc-0112f15a6c/date-descending/1	NU	3,1	7	0,44	Q2	2
4	Cosnita, M., Pop, MA., Cazan, C. , Cristea, D., Aging resistance under short time ultraviolet (UV) radiations of polymer wood composites entirely based on wastes, Environmental Technology & Innovation, 31, 2023, DOI: 10.1016/j.eti.2023.103208 https://www.webofscience.com/wos/woscc/full-record/WOS:001015181400001 link citari: https://www.webofscience.com/wos/woscc/summary/9f1cf243-491b-4111-8316-1adb1116aff4-e940c423/date-descending/1	DA	6,7	4	6,70	Q1	5
5	Cazan, C. , Enesca, A., Isac, L., Andronic, L., Cosnita, M., Accelerated Aging of Polymeric Composites Based on Waste with TiO ₂ Fillers, ACS Applied Polymer Materials, 5(6), 2023, 3958-397. doi:10.1021/acsapm.3c00129 https://www.webofscience.com/wos/woscc/full-record/WOS:000985553600001 link citari:	DA	4,4	5	4,40	Q1	2

	https://www.webofscience.com/wos/woscc/summary/32d58773-5687-4614-8738-4f50176e6d65-e9403d05/date-descending/1						
6	<p>Andronic, L., Mamedov, D., Cazan, C., Popa, M., Chifiriuc, MC., Allaniyazov, A., Palencsar, S., Karazhanov, SZ., Cerium oxide thin films: synthesis, characterization, photocatalytic activity and influence on microbial growth, Biofouling, 38(9), 2022, 865-875, doi:10.1080/08927014.2022.2144264</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000879983000001</p> <p>link citari: https://www.webofscience.com/wos/woscc/summary/49028b05-f2eb-40ec-9ec2-e90fc41c66d7-e9404340/date-descending/1</p>	NU	2,6	8	0,33	Q3	1
7	<p>Isac, L., Cazan, C., Andronic, L., Enesca, A., CuS-Based Nanostructures as Catalysts for Organic Pollutants Photodegradation, Catalysts 11(10), 2022, 1135, doi:10.3390/catal12101135</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000872703300001</p> <p>link citari: https://www.webofscience.com/wos/woscc/summary/1fd6a8e0-906f-4f91-86c1-7bcb49a242a5-e940473b/date-descending/1</p>	NU	3,8	4	0,95	Q2	28
8	<p>Enesca, A., Cazan, C., Polymer Composite-Based Materials with Photocatalytic Applications in Wastewater Organic Pollutant Removal: A Mini Review, Polymers, 14(16), 2022, 3291. Doi:10.3390/polym14163291</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000845603900001</p> <p>link citari: https://www.webofscience.com/wos/woscc/summary/3064c051-4eaf-4a58-9efc-99332a1c7b16-e9404c50/date-descending/1</p>	NU	4,7	2	2,35	Q1	20
9	<p>Cosnita, M., Balas, M., Cazan, C., The Influence of Fly Ash on the Mechanical Properties of Water Immersed All Waste Composites, Polymers, 14(10), 2022, 1957. Doi:10.3390/polym14101957</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000803684200001</p> <p>link citari: https://www.webofscience.com/wos/woscc/summary/225e7e4d-a93c-4f00-bfda-6f9a450b47a9-e9405a3d/date-descending/1</p>	DA	4,7	3	4,70	Q1	5

10	Cazan, C., Enesca, A., Andronic, L., Synergic Effect of TiO ₂ Filler on the Mechanical Properties of Polymer Nanocomposites, <i>Polymers</i> , 13(12), 2021, 2017. doi:10.3390/polym13122017 https://www.webofscience.com/wos/woscc/full-record/WOS:000666562300001 link citari: https://www.webofscience.com/wos/woscc/summary/6390a2a9-58e3-448e-b109-ff1ad75ac090-e9405d70/date-descending/1	DA	4,7	3	4,70	Q1	94
11	Andronic, L., Isac, L., Cazan, C., Enesca, A., Simultaneous Adsorption and Photocatalysis Processes Based on Ternary TiO ₂ -Cu _x S-Fly Ash Hetero-Structures. <i>Applied Sciences</i> , 10(22), 2020, 8070. doi:10.3390/app10228070 https://www.webofscience.com/wos/woscc/full-record/WOS:000594212100001 link citari: https://www.webofscience.com/wos/woscc/summary/78f1162e-311e-46e7-b3fa-d8a7d6c74ba1-e94061f3/date-descending/1	NU	2,5	4	0,63	Q1	15
12	Enesca, A., Cazan, C., Volatile Organic Compounds (VOCs) Removal from Indoor Air by Heterostructures/Composites/Doped Photocatalysts: A Mini-Review. <i>Nanomaterials</i> , 10(10), 2020, 1965. doi:10.3390/nano10101965 https://www.webofscience.com/wos/woscc/full-record/WOS:000585318900001 link citari: https://www.webofscience.com/wos/woscc/summary/dc51a2c8-8f9b-4b43-9d13-4fd542b543f2-e94067f3/date-descending/1	NU	4,4	2	2,20	Q2	16
13	Cosnita, M., Manciualea, I., Cazan, C., All-Waste Hybrid Composites with Waste Silicon Photovoltaic Module. <i>Polymers</i> , 12(1), 2020, 53. doi:10.3390/polym12010053 https://www.webofscience.com/wos/woscc/full-record/WOS:000519848300053 link citari:	DA	4,7	3	4,70	Q1	0
14	Isac, L., Cazan, C., Enesca, A., Andronic, L. Copper Sulfide Based Heterojunctions as Photocatalysts for Dyes Photodegradation. <i>Frontiers in Chemistry</i> , 7, 2019, 694. doi:10.3389/fchem.2019.00694 https://www.webofscience.com/wos/woscc/full-record/WOS:000494674900001 link citari:	NU	3,8	4	0,95	Q2	60

	https://www.webofscience.com/wos/woscc/summary/8ef8918c-be4e-439e-b06f-2eb6009897bc-e9406ba9/date-descending/1						
15	<p>Cazan, C., Cosnita, M., Isac, L., The influence of temperature on the performance of rubber - PET-HDPE waste -based composites with different inorganic fillers. Journal of Cleaner Production 208 (2019) 1030-1040. Doi:10.1016/j.jclepro.2018.10.045</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000451362200094</p> <p>link citari:</p> <p>https://www.webofscience.com/wos/woscc/summary/ccd97911-f768-4c41-bf6b-c4440c7350d3-e940707e/date-descending/1</p>	DA	9,7	3	9,70	Q1	13
16	<p>Cosnita, M., Cazan, C., Duta, A., The influence of inorganic additive on the water stability and mechanical properties of recycled rubber, polyethylene terephthalate, high density polyethylene and wood composites. Journal of Cleaner Production, 165, 2017, 630-636. doi:10.1016/j.jclepro.2017.07.103</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000411544400057</p> <p>link citari:</p> <p>https://www.webofscience.com/wos/woscc/summary/2429ed08-06d6-4be0-a9bd-d37aba463037-e9407448/date-descending/1</p>	NU	9,7	3	3,23	Q1	21
17	<p>Cazan, C., Cosnita, M., Duta, A., Effect of PET functionalization in composites of rubber-PET-HDPE type. Arabian Journal of Chemistry, 10(3), 2017, 300-312. doi:10.1016/j.arabjc.2015.10.005</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000396405000002</p> <p>link citari:</p> <p>https://www.webofscience.com/wos/woscc/summary/10621146-04b6-423a-8e35-b8fd0ff60865-e9407783/date-descending/1</p>	DA	5,3	3	5,30	Q2	25
18	<p>Cosnita, M., Cazan, C., Duta, A., Effect of waste polyethylene terephthalate content on the durability and mechanical properties of composites with tire rubber matrix. Journal of Composite Materials, 51(3), 2017, 357-372. Doi:10.1177/0021998316645850</p> <p>https://www.webofscience.com/wos/woscc/full-record/WOS:000394801300006</p> <p>link citari:</p>	NU	2,3	3	0,76	Q3	7

	https://www.webofscience.com/wos/woscc/summary/98f9bfb5-1e45-425e-9fcf-395046dc71fd-e9407ad3/date-descending/1						
19	György, E., Pérez del Pino, A., Logofatu, C., Cazan, C. , Duta, A., Mullins, W. Simultaneous Laser-Induced Reduction and Nitrogen Doping of Graphene Oxide in Titanium Oxide/Graphene Oxide Composites. Journal of the American Ceramic Society, 97(9), 2014, 2718–2724. doi:10.1111/jace.13013 https://www.webofscience.com/wos/woscc/full-record/WOS:000341826500007 link citari: https://www.webofscience.com/wos/woscc/summary/3a4cf4b2-6cac-45ae-9537-02305fef8f47-e9407ea1/date-descending/1	NU	3,5	6	0,58	Q1	20
20	Andronic, L., Enesca, A., Cazan, C. , Visa, M., TiO ₂ –active carbon composites for wastewater photocatalysis. Journal of Sol-Gel Science and Technology, 71(3), 2014, 396–405. doi:10.1007/s10971-014-3393-6 https://www.webofscience.com/wos/woscc/full-record/WOS:000340499500003 link citari: https://www.webofscience.com/wos/woscc/summary/f1fe037c-8a7e-447c-b5b5-e94e3283795e-e9408580/date-descending/1	NU	2,3	4	0,56	Q2	30
21	Cosnita, M., Cazan, C. , Duta, A., Interfaces and mechanical properties of recycled rubber-polyethylene terephthalate-wood composites. Journal of Composite Materials, 48(6),2014, 683–694. doi:10.1177/0021998313476561 https://www.webofscience.com/wos/woscc/full-record/WOS:000332196000005 link citari: https://www.webofscience.com/wos/woscc/summary/81f3597c-3cfa-4ef7-ad3a-a1c70fa0eee7-e9408949/date-descending/1	NU	2,3	3	0,76	Q3	4
22	Cazan, C. , Perniu, D., Cosnita, M., Duta, A., Polymeric Wastes From Automotives As Second Raw Materials For Large Scale Products, Environmental Engineering And Management Journal, 12(8), 2013, 1649-1655. https://www.webofscience.com/wos/woscc/full-record/WOS:000330190300014 link citari:	DA	0,9	4	0,9	Q4	2

	https://www.webofscience.com/wos/woscc/summary/b492612f-018c-404b-b100-dc01a96212c4-e9408eb9/date-descending/1						
23	lenei, E., Isac, L., Cazan, C. , Duta, A., Characterization of Al/Al ₂ O ₃ /NiOx solar absorber obtained by spray pyrolysis, Solid State Science, 12(11), 2010, 1894–1897. doi:10.1016/j.solidstatesciences.2010.05.028 https://www.webofscience.com/wos/woscc/full-record/WOS:000284521900013 link citari: https://www.webofscience.com/wos/woscc/summary/f5332a5f-75bb-4f46-99ec-bf4a95ec5a66-e94093f5/date-descending/1	NU	3,4	4	0,85	Q2	18
24	Vladuta, C. , Andronic, L., Duta, A., Effect of TiO ₂ Nanoparticles on the Interface in the PET-Rubber Composites. Journal of Nanoscience and Nanotechnology, 10(4), 2010, 2518–2526. doi:10.1166/jnn.2010.1440 https://www.webofscience.com/wos/woscc/full-record/WOS:000273984900035 link citari: https://www.webofscience.com/wos/woscc/summary/b5b2f7cb-6e85-4901-ab55-32d775262151-e9409926/date-descending/1	DA	1,134	3	1,13	Q4	5
25	Vladuta, C. , Voinea. M., Purghel, E., Duta, A., Correlations between the structure and the morphology of PET–rubber nanocomposites with different additives, Materials Science And Engineering B-Advanced Functional Solid-State Materials, 165(3), 2009, 221–226. doi:10.1016/j.mseb.2009.07.004 https://www.webofscience.com/wos/woscc/full-record/WOS:000273157800020 link citari: https://www.webofscience.com/wos/woscc/summary/4bf2a1e7-8ce6-44fd-a0b2-d1494619ee92-e9409d2a/date-descending/1	DA	3,9	4	3,90	Q2	11
26	Andronic, L., Enesca, A., Vladuta, C. , Duta, A., Photocatalytic activity of cadmium doped TiO ₂ films for photocatalytic degradation of dyes, Chemical Engineering Journal, 152(1), 2009, 64–71. doi:10.1016/j.cej.2009.03.031 https://www.webofscience.com/wos/woscc/full-record/WOS:000274348400009 link citari:	NU	13,2	4	3,30	Q1	102

	https://www.webofscience.com/wos/woscc/summary/75430b30-17d3-4cce-bf0c-f256d0a28830-e940a12a/date-descending/1						
27	Voinea, M., Vladuta, C. , Bogatu, C., Duta, A., Surface properties of copper based cermet materials. Materials Science and Engineering B, 152(1-3), 2008, 76–80. doi:10.1016/j.mseb.2008.06.020 https://www.webofscience.com/wos/woscc/full-record/WOS:000261480600016 link citari: https://www.webofscience.com/wos/woscc/summary/b77cfb1d-7f87-448e-aeba-d1fa24f20f00-e940a4dd/date-descending/1	NU	3,9	4	0,96	Q2	21
28	Vladuta, C. , Andronic, L., Visa, M., Duta, A., Ceramic interface properties evaluation based on contact angle measurement, Surface & Coatings Technology, 202(11), 2008, 2448–2452 doi:10.1016/j.surfcoat.2007.08.033 https://www.webofscience.com/wos/woscc/full-record/WOS:000253930900045 link citari: https://www.webofscience.com/wos/woscc/summary/e45752aa-fc8d-435f-acee-233e3346b5d5-e940a859/date-descending/1	DA	5,3	4	5,3	Q1	19
PUNCTAJ TOTAL		12			81,63		546

Data

19.12.2024

conf. dr. Cristina CAZAN

