

Anexa 6. Tabel Instituțional - Articole și Brevete la nivel de universitate - IC2.3 (ultimii 4 ani, perioada 2021-2024)

Universitatea: **Tehnica "Gheorghe Asachi" din Iasi**

NOTE:

Această situație se realizează pe baza fișelor individuale ale cadrelor didactice și de cercetare din universitate, raportate în Anexa 1, care sunt autori/coautori de articole publicate, respectiv brevete obținute în ultimii patru ani (se adaugă datele din fișele individuale, prin copierea și inserarea acestora în tabelul instituțional; pentru articolele/brevetele în couteror la nivelul universității se verifică/menționează numărul de autori, respectiv autori din universitate, și se **elimină articolele/brevetele duplicate în centralizarea instituțională, ca urmare a raportării acestora de fiecare autor al universității în fișele individuale**).

Acost tabel instituțional se completează numai în spațiile marcate cu culoarea galben și se inserează rândul în document, doar înainte de rândul cu TOTAL, prin selectarea unui rând formatat (marcat cu culoarea galben) și apoi Copy/Insert Copied Cells.

Fiecare articol/brevet este trecut pe un rând separat, cu datele solicitate: anul publicării articolului, respectiv obținerii brevetului (în cazul brevetelor care au obținut niveluri diferite de recunoaștere în ani diferiți, acestea vor fi inserate doar la anul recunoașterii celei mai favorabile), datele de identificare ale articolului/brevetului, revista în care s-a publicat articolul sau instituția care a acordat brevetul, valoarea "I1" în coloana care corespunde celei mai favorabile clasificări a revistei, respectiv celui mai favorabil nivel de recunoaștere al brevetului (col. 1-13), **numărul total de autori, respectiv numărul de autori din universitate raportați în Anexa 1 (col.14-15).**

Important! Pentru fiecare articol/brevet (rând din tabel), se va completa doar cu o singură valoare "I1" în una din coloanele 1 - 13.

Nr. Crt	An referință	Titlul articolului / Titlul brevetului	Date de identificare ale articolului/brevetului			Denumirea jurnalului / volumului / oficiul de brevete	Date de identificare ale jurnaliului/volumului în care a fost publicat articolul sau ale oficiului de brevete:				Încadrare articole										Încadrare brevete				Număr autori	Număr autori dintr-un universitate
			DOI Artilcol / cod WOS / cod Brevet (se completează doar unul din cele trei câmpuri)				Important! Câmp obligatoriu (cel puțin unul din coduri) pentru articole (înregistrările cu articole care nu au cel puțin unul din aceste câmpuri complete nu vor fi luate în calcul). Pentru col. H-1, în situația în care o revistă are două ISSN-uri (print și on-line) se va completa cu ISSN-ul identificat în lista JCR din anul în care a fost publicat articolul.	cod ISSN - online format xxxx-xxxx (ex. 1235-5678)	cod ISSN - print format xxxx-xxxx (ex. 1235-5678)	cod ISBN	date identificare oficiu brevete.	Numele Science	ISI Q1	ISI Q2	ISI Q3	ISI Q4	ISI Arch/ Humanities ISI Emerging Sources Citation Index	IBRI+	ISI Proceedings IEEE Proceedings	Traducere	Europene	Internationale	Napionale			
A	B	C	D.1	D.2	D.3	E	F.1	F.2	F.3	F.4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2024	An In-depth UAS-PPK Georeferencing Analysis at Different Flight Heights for an Urban Area	10.1109/ACCESS.2024.3521991	WOS.001386558700048		IEEE Access (Institute of Electrical and Electronics Engineers), 12	2169-3536	2169-3536						1											7	5
2	2024	Assessing the risk of soil contamination using computational models	DOI: 10.30638/ceej.2024.185	WOS.001411456200013		Environmental Engineering and Management Journal	1843-3707	1582-9596								1									3	2
3	2024	Influence of varying base demands on water age in a water distribution system	10.47743/pesd2024181007			Present Environment and Sustainable Development	2284-7820	1843-5971							1										4	3
4	2024	Constitutive material laws from multifractal perspective of motion		WOS.001380845400018		UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN- SERIES A-APPLIED MATHEMATICS AND PHYSICS	1223-7027								1										6	4
5	2024	Research on the use of sludge from the Pitești wastewater treatment plant as fertilizer		WOS.001411932900001		Scientific Papers. Series E: Land Reclamation, Earth Observation & Surveying, Environmental Engineering/volume XIII	2285-6064	2393-5138								1									6	2
6	2024	ECONOMIC EFFICIENCY ANALYSIS OF THE DRIP IRRIGATION SYSTEM ON THE CORN CROP		WOS.001437484400023		SCIENTIFIC PAPERS SERIES "MANAGEMENT, ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT	2285-3952	2284-7995							1										3	1
7	2024	Linking nutrient dynamics with urbanization degree and flood control reservoirs on the Bahlui river	10.3390/w16101322	WOS.001231476500001		WATER	2073-4441								1										6	5
8	2024	The influence of the lake hypolimnion discharge on the physico-chemical parameters of the river		WOS.001411932900041		Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	2285-6064								1										3	1
9	2024	Sustainable Approach of a Multi-Hazard Risk Assessment Using GIS Customized for Ungheni Areal Situated in the Metropolitan Area of Iasi	10.3390/su16114485	WOS.001245525800001		Sustainability	2071-1050							1											4	4
10	2023	Enhancing LIDAR-UAS derived digital terrain models with hierarchic robust and volume-based filtering approaches for precision topographic mapping	10.3390/rs16010078	WOS.001140374300001		Remote Sensing, 16 (1), 78	2072-4292	2072-4292						1											6	4
11	2023	Research on the sustainable development of the Bistrita Ardeleana river in order to stop the erosion of the riverbanks and the thalweg	10.3390/su15097431	WOS.000987004200001		SUSTAINABILITY	2071-1050							1											4	2
12	2023	Geometric processing of very high-resolution satellite imagery: quality assessment for 3d mapping needs	10.5194/isprs-archives-XLVIII-1-W3-2023-47-2023	WOS.001185637500007		International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - 2ND GEOBENCH WORKSHOP ON EVALUATION AND BENCHMARKING OF SENSORS, SYSTEMS AND GEOSPATIAL DATA IN PHOTOGARAMMETRY AND REMOTE SENSING, VOL. 48-1	2194-9034	1682-1750										1						8	1	
13	2023	Thermal Conductivities Determination of Synthetic Wood with Recyclable Waste Using Advanced Experimental Method and Numerical Simulation	10.1109/ICAMCS59110.2023.00037			2023 International Conference on Applied Mathematics & Computer Science (ICAMCS)		979-8-3503-2426-6, 979-8-3503-2427-3										1						5	4	
14	2023	Health risks in association with indoor radon exposure in Northeastern Romania	10.1007/s13762-022-04398-z	WOS.000833455600005		International Journal of Environmental Science and Technology/Volume 20/Issue 6	1735-2630	1735-1472						1											5	1
15	2023	Management of manure		WOS.001112288100059		Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering/volume XII	2285-6064								1										2	2
16	2023	Slope stability analysis of a dam. Case study: Hâlceni Reservoir, Iasi county, Romania	10.47743/pesd2023172011	WOS.001139584100003		Present Environment and Sustainable Development	2284-7820	1843-5971							1										5	3
17	2022	Research on the sustainable development of the Bistrita Ardeleana river through the resizing of weirs	10.3390/w14203333	WOS.000873538800001		WATER	2073-4441							1											4	2
18	2022	Fast floods on the tributaries of Trotus river, in the context of current climate change	10.47743/pesd2022162016	WOS.000907699100010		Present Environment and Sustainable Development	2284-7820	1843-5971									1								3	1
19	2022	Deriving a unit hydrograph for Tazlău River basin using ArcGIS	DOI:10.47743/pesd2022162020	WOS: 000907699100013		Present Environment and Sustainable Development	2284-7820	1843-5971								1									5	5
20	2022	Forest Fire Risk Zone Mapping of Eravikulam National Park in India: A Comparison Between Frequency Ratio and Analytic Hierarchy Process Methods	10.5552/crojfe.2022.1137	WOS.000736146500014		Croatian Journal of Forest Engineering, 43(1)	1845-5719							1										10	1	
21	2022	Proposed methodology for accuracy improvement of LOD1 3D building models created based on stereo piliades satellite imagery	10.3390/rs14246293	WOS.000902914100001		Remote Sensing, 14(24), 6293	2072-4292	2072-4292						1											7	5
22	2022	A cost-effective method for obtaining single single magnetic yarns	10.1080/00405090.2021.1989819	WOS.000714265700001		Journal of The Textile Institute	1754-2340								1										6	2
23	2022	Improvement of VHR Satellite image geometry with high Resolution Elevation models	10.3390/rs14102303	WOS.000802460700001		Remote Sensing MDPI / Volume 14 / Issue 10	2072-4292	2072-4292						1											4	1
24	2022	Toxicity of copper on the Snapsis alba and Triticum aestivum plants		WOS.000931961700008		Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering/volume XI	2393-5138	2285-6064									1								2	2
25	2022	GIS hydrological modeling in an agricultural river basin with high potential for water erosion		WOS.000931961700050		Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering/volume XI	2393-5138	2285-6064								1									2	2

26	2022	3D Modeling of Urban Area Based on Oblique UAS Images—An End-to-End Pipeline	10.3390/rs14020422	WOS:000747133900001		Remote Sensing, 14 (2),422	2072-4292				1										4	2				
27	2021	GIS – Based water erosion modelling: the case of high slope water catchment area, Romania		WOS:000637747700013	Environmental Engineering and Management Journal-volume 20, no.4	1843-3707	1582-9596					1									3	2				
		The influence of GIS technology in reclamation solutions for sloping land affected by erosion		WOS:000704605600040		Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering-volume X.		2285-6064						1							2	2				
28	2021	Contributions on the centralized collection of manure		WOS:000637746900006		Environmental Engineering and Management Journal-volume 20, no.3	1843-3707	1582-9596				1									3	3				
29	2021	Research on the infiltrations in an earth dam. Case	10.15551/PESD2021151016	WOS:000672244200016		Present Environment and Sustainable	2284-7820	1843-5971					1								6	3				
30	2021	Modeling the chlorine-conveying process within a drinking water distribution network		WOS:000637747700001	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									5	2				
31	2021	Determination of the flood defense embankment elevation crown, using advanced hydrodynamic modeling		WOS:000637746900015	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									3	3				
32	2021	Analysis for soils characterization in the purpose of rainfall-runoff process modeling		WOS:000704605600004	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering		2285-6064							1							5	2				
33	2021	The impact of sludge storage on the soil. Case study: Tomești deposit in Iasi county, Romania		WOS:000637746900016	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									5	2				
34	2021	Researches regarding the impact of waste landfill in Sibiu county, Romania, on the environment and measures to reduce it		WOS:000704605600001	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering		2285-6064							1							2	2				
35	2021	Recognition and determination of hydrodynamic deficiencies in the bioreactors of a real wastewater treatment plant by a comprehensive approach: live analysis using computational fluid dynamics		WOS:000637747700002	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									4	1				
36	2021	Hydrogen plasma conversion system of municipal recyclable waste in energy		000637747700014	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									7	4				
37	2021	Advanced system control for hydrogen plasma conversion of industrial hazardous recyclable liquid waste		000637747700011	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									7	4				
38	2021	Helix spin economy and plasma waste recovery in construction and building materials industry		000637747700007	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									6	4				
39	2021	Particularities of synthetic wood - a biomaterial with recycled waste		000637747700010	Environmental Engineering and Management Journal	1843-3707	1582-9596					1									6	5				
40	2021	Researches on energy-efficient plasma conversion of fibreglass waste into new ecological materials for building industry	10.1088/1757-899X/1138/1/012001		IOP Conf. Series: Materials Science and Engineering 1138 (2021) 012001	1757-899X	1757-8981						1								6	3				
41	2021	Conversion of industrial liquid construction waste with plasma on hydrogen	10.1088/1757-899X/1138/1/012018		IOP Conf. Series: Materials Science and Engineering 1138 (2021) 012018	1757-899X	1757-8981						1								7	3				
42	2021	Advanced technology of municipal solid waste conversion for a circular economy	10.1088/1757-899X/1138/1/012028		IOP Conf. Series: Materials Science and Engineering 1138 (2021) 012028	1757-899X	1757-8981						1								6	4				
43	2021	Hydrological modeling and analysis of the pluviometric regime in a hydrographic basin	10.5593/sgem2021/3.1/a12.16		Proceedings of 21st International Multidisciplinary Scientific GeoConference SGEM 2021		1314-2704	978-619-7603-24-8							1						5	3				
44	2021	Measures to mitigate the flood in compact urban areas. Case study – Tuindoorp	10.5593/sgem2021/3.1/a12.27		INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SURVEYING GEOLOGY AND MINING ECOLOGY MANAGEMENT, SGEM	1314-2704	978-619740876-8									1					4	4				
45	2021	Water warming in hydropower headrace tunnels		WOS:000713008800013	Environmental Engineering and Management Journal	1843-3707	1582-9596						1								4	3				
46	2021	Methods and techniques for prevention and control of the water eutrophication process in hilly lakes		WOS:000704605600021	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	2393-5138	2285-6064							1							4	4				
47	2021	Instalație pentru controlul debitului apei evacuate în caz de inundații din lacurile de acumulare			RO137199-A2, G05D7106	OSIM															1	3	3			
48	2022	Stație meteo mobilă pentru protecție cu transmisie GPRS			RO134336-B1, G01F-23/76, G08B-21/10, G08C-17/02	OSIM															1		4	4		
49	2021																									
50	Total general (nr.articole / nr.brevete) la nivel de universitate																									
											0	3	9	3	16	0	9	3	3	1	0	0	1	1		