

Candidat dr. ing DAMIAN GIANINA ELENA

Postul vizat: LECTOR

ANEXA 18 - COMISIA DE INGINERIA MEDIULUI

STANDARD DE MINIMALE NECESARE SI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN INVATAMANTUL SUPERIOR SI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE

Categorie	NT(*)	FIC(**)	NP(***)	NC(****)
Profesor/ CS I	≥ 25	≥ 20	$\geq 10^3$	≥ 100
Conferențiar/ CSII	≥ 15	≥ 12	$\geq 6^2$	≥ 60
Lector	$\geq 5^1$	≥ 5	≥ 2	≥ 10
Asistent	≥ 3	≥ 0.5	≥ 1	≥ 5

Se definesc:

(*) NT – numar total de articole in reviste ISI ;

(**) FIC – factor de impact cumulat (suma factorilor de impact ai revistelor la momentul sustinerii publice a tezei de doctorat sau la momentul inscrierii la concursul pentru ocuparea unei pozitii didactice);

(***) NP – numar de articole in reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondenta);

(****) NC – numar total de citari din baza SCOPUS sau ISIS Web of Science, excluzandu-se autocitarile.

Brevetele naționale (F1 = 1) și internaționale (F1 = 3) intră în calculul FIC.

¹ cu minim 2 lucrări publicate in reviste cu factor de impact >1.

² cu minim 4 lucrări publicate in reviste cu factor de impact >1.

³ cu minim 6 lucrări publicate in reviste cu factor de impact >1.

Centralizare punctaj dr.ing Damian Gianina Elena

Categorie		NT(*)	FIC(**)	NP(***)	NC(****)
Lector	min	$\geq 5^1$, cu minim 2 lucrări publicate in reviste cu factor de impact >1.	≥ 5	≥ 2	≥ 10
	realizat	9, cu 8 lucrări publicate in reviste cu factor de impact >1	17.57	6	106

Detaliere punctaj:

A) Numar total de articole in reviste ISI

Nr. crt.	Denumire articol	Factor de impact al revistei la momentul înscriserii la concurs
1	Micle V., Damian G.E, Rogozan G.C., Sur I. M., Non-Linear Regression Model for Estimating the Efficiency of Heavy Metals Removal by Soil Washing with Chitosan Solution, <i>Appl. Sci.</i> , 13, 465 (2023).	2.5
2	Damian G., Varvara S., Assessment of Cyprinus carpio Scales as a Low-Cost and Effective Biosorbent for the Removal of Heavy Metals from the Acidic Mine Drainage Generated at Rosia Montana Gold Mine (Romania), <i>Water</i> , 14, 3734 (2022).	3.0
3	Varvara S., Damian G., Bostan R., Popa M., Inhibition effect of Tantum Rosa drug on the corrosion of copper in 3.5 wt.% NaCl solution, <i>Int. J. Electrochem. Sci.</i> , 17, 220958 (2022).	1.3
4	Varvara S., Berghian-Grosan C., Damian G., Popa M., Popa F., Combined Electrochemical, Raman Analysis and Machine Learning Assessments of the Inhibitive Properties of an 1,3,4-Oxadiazole-2-Thiol Derivative against Carbon Steel Corrosion in HCl Solution, <i>Materials</i> , 15(6), 2224 (2022).	3.1
5	Chirila Băbău A.M., Micle V., Damian G.E, Sur I. M, Sustainable Ecological Restoration of Sterile Dumps Using <i>Robinia pseudoacacia</i> , <i>Sustainability</i> , 13 (24), 140021 (2021).	3.3
6	Damian G.E., Micle V., Sur I. M., Mobilisation of Cu and Pb from multi-metal contaminated soils by dissolved humic substances extracted from Leonardite and factors affecting the process, <i>Journal of Soils and Sediments</i> , 19(7), pp. 2869-2881, DOI: 10.1007/s11368-019-02291-w (2019).	2.8
7	Damian G.E., Micle V., Sur I. M., Chirila Babau A. M., From environmental ethics to sustainable decision-making: assessment of potential ecological risk in soils around abandoned mining areas-case study “Larga de Sus mine” (Romania), <i>Journal of Agricultural and Environmental Ethics</i> , 32 (1), pp. 27-49 (2019).	2.2
8	Damian G.E., Micle V., Sur I. M., Lead and copper removal from multi-metal contaminated soils through soil washing technique using humic substances as washing agent: the influence of the washing solution pH, <i>Studia Universitatis Babes-Bolyai, Seria Chemia</i> , LXIV, 1, pp. 41-52 (2019).	0.5
9	Chirila Babau A. M., Micle V., Damian G.E., Sur I. M. Lead and copper removal from sterile dumps by phytoremediation with <i>Robinia pseudoacacia</i> , <i>Scientific Reports</i> , 14, Article number: 9842 (2024).	3.8
	Suma factorilor de impact	22.5

B) Factor de impact cumulat

Nr. crt.	Denumire articol	FIC
1	Micle V., Damian G.E, Rogozan G.C., Sur I. M., Non-Linear Regression Model for Estimating the Efficiency of Heavy Metals Removal by Soil Washing with Chitosan Solution, <i>Appl. Sci.</i> , 13, 465 (2023).	2.5
2	Damian G., Varvara S., Assessment of Cyprinus carpio Scales as a Low-Cost and Effective Biosorbent for the Removal of Heavy Metals from the Acidic Mine Drainage Generated at Rosia Montana Gold Mine (Romania), <i>Water</i> , 14, 3734 (2022).	3.0
3	Varvara S., Damian G., Bostan R., Popa M., Inhibition effect of Tantum Rosa drug on the corrosion of copper in 3.5 wt.% NaCl solution, <i>Int. J. Electrochem. Sci.</i> , 17, 220958 (2022).	0.325
4	Varvara S., Berghian-Grosan C., Damian G., Popa M., Popa F., Combined Electrochemical, Raman Analysis and Machine Learning Assessments of the Inhibitive Properties of an 1,3,4-Oxadiazole-2-Thiol Derivative against Carbon Steel Corrosion in HCl Solution, <i>Materials</i> , 15(6), 2224 (2022).	0.62
5	Chirila Băbău A.M., Micle V., Damian G.E, Sur I. M, Sustainable Ecological Restoration of Sterile Dumps Using <i>Robinia pseudoacacia</i> , <i>Sustainability</i> , 13 (24), 140021 (2021).	0.825
6	Damian G.E., Micle V., Sur I. M., Mobilisation of Cu and Pb from multi-metal contaminated soils by dissolved humic substances extracted from Leonardite and factors affecting the process, <i>Journal of Soils and Sediments</i> , 19(7), pp. 2869-2881, DOI: 10.1007/s11368-019-02291-w (2019).	2.8
7	Damian G.E., Micle V., Sur I. M., Chirila Babau A. M., From environmental ethics to sustainable decision-making: assessment of potential ecological risk in soils around abandoned mining areas-case study “Larga de Sus mine” (Romania), <i>Journal of Agricultural and Environmental Ethics</i> , 32 (1), pp. 27-49 (2019).	2.2
8	Damian G.E., Micle V., Sur I. M., Lead and copper removal from multi-metal contaminated soils through soil washing technique using humic substances as washing agent: the influence of the washing solution pH, <i>Studia Universitatis Babes-Bolyai, Seria Chemia</i> , LXIV, 1, pp. 41-52 (2019).	0.5
9	Chirila Babau A. M., Micle V., Damian G.E., Sur I. M. Lead and copper removal from sterile dumps by phytoremediation with <i>Robinia pseudoacacia</i> , <i>Scientific Reports</i> , 14, Article number: 9842 (2024).	3.8
10	Brevet de invenție național nr. 133822/2021 cu titlul “Instalație și procedeu de depoluare prin spălare a solurilor poluate cu metale grele”. OSIM. Inventatori: Damian Gianina Elena și Micle Valer.	1
	Factor de impact cumulat	17.57

C) Numar de articole in reviste ISI ca autor principal

Nr. crt.	Denumire articol
1	Micle V., Damian G.E., Rogozan G.C., Sur I. M., Non-Linear Regression Model for Estimating the Efficiency of Heavy Metals Removal by Soil Washing with Chitosan Solution, <i>Appl. Sci.</i> , 13, 465 (2023), I.F. 2.7 (2022).
2	Damian G., Varvara S., Assessment of Cyprinus carpio Scales as a Low-Cost and Effective Biosorbent for the Removal of Heavy Metals from the Acidic Mine Drainage Generated at Rosia Montana Gold Mine (Romania), <i>Water</i> , 14, 3734 (2022). I.F. 3.4.
3	Damian G.E., Micle V., Sur I. M., Mobilisation of Cu and Pb from multi-metal contaminated soils by dissolved humic substances extracted from Leonardite and factors affecting the process, <i>Journal of Soils and Sediments</i> , I.F. 2,627, 19(7), pp. 2869-2881, DOI: 10.1007/s11368-019-02291-w (2019).
4	Damian G.E., Micle V., Sur I. M., Chirila Babau A. M., From environmental ethics to sustainable decision-making: assessment of potential ecological risk in soils around abandoned mining areas-case study “Larga de Sus mine” (Romania), <i>Journal of Agricultural and Environmental Ethics</i> , I.F. 1,24, 32 (1), pp. 27-49 (2019).
5	Damian G.E., Micle V., Sur I. M., Lead and copper removal from multi-metal contaminated soils through soil washing technique using humic substances as washing agent: the influence of the washing solution pH, <i>Studia Universitatis Babes-Bolyai, Seria Chemia</i> , IF= 0,305, LXIV, 1, pp. 41-52 (2019).
6	Chirila Babau A. M., Micle V., Damian G.E., Sur I. M. Lead and copper removal from sterile dumps by phytoremediation with <i>Robinia pseudoacacia</i> , <i>Scientific Reports</i> , 14, Article number: 9842 (2024).

D) Numar total de citări din baza SCOPUS sau ISIS Web of Science

