

**COMISIA DE INGINERIA MEDIULUI**

(conform ORDIN nr. 6129 din 20 decembrie 2016, Anexa nr. 18)

**STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE  
DIN ÎNVĂȚĂMÂNTUL SUPERIOR**

**NT** = număr total de articole în reviste ISI

**FIC** = factor de impact cumulat (suma factorilor de impact ai revistelor la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)

**NP** = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de

**NC** = numărul total de citări din baza SCOPUS sau ISI Web of Science, excluzându-se autocitarile

**Concurs de Profesor**

a) **NT**  $\geq$  25

b) **NP**  $\geq$  10, cu minim șase lucrări în reviste cu FI>1

c) **FIC**  $\geq$  20 \*

d) **NC**  $\geq$  100

\* In acest caz in calculul FIC se tine cont de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal si respectiv de factorul de impact împărțit la numarul de autori pentru revistele in care candidatul a publicat un articol în care nu este autor principal

**Conf. dr. ing. Gabriela-Alina DUMITREL**

**a) NT = 30** (NT (min) = 25)

**b) NP = 19(8)** (NP (min) = 10 cu min 6 lucrări în reviste cu FI >1)

**c) FIC = 35.006** (FIC (min) = 20)

**d) NC = 286** (NC (min) = 100)

**Conf. dr. ing. Gabriela-Alina DUMITREL**

<b>NT =</b>	<b>30</b>
NT (min)	25

<b>NP =</b>	<b>19(8)</b>
NP (min)	10(6)

<b>FIC =</b>	<b>35.006</b>
FIC (min)	20

Nr. crt.	Articol publicat in revista cotata ISI (vezi lista de lucrari)	Revista	Autor principal (prim-autor sau autor de corespondenta)	Nr. total autori	Ultimul Factor de impact ISI (la momentul inscrierii la concurs)	Factor de Impact Cumulat (FIC)
1	Dragomir, T.-L., Pană, A.-M., Ordodi, V., Gherman, V., <b>Dumitrel, G.-A.*</b> , Nanu, S., An empirical model for predicting biodegradation profiles of glycopolymers, Polymers,13(11),1819, 2021	Polymers	1	6	4.329	4.329
2	Pana, A.-M., Ordodi, V., Rusu, G., Gherman, V., Bandur, G., Rusnac, L.-M., <b>Dumitrel, G.-A.*</b> , Biodegradation pattern of glycopolymer based on D-mannose oligomer and hydroxypropyl acrylate, Polymers, 12(3),704, 2020	Polymers	1	7	4.329	4.329
3	Glevitzky, M., Aleya, L., Vică, M.L., <b>Dumitrel, G.-A.</b> , Avram, M., Tit, D.M., Popa, M., Popa, V.-C., Behl, T., Bungau, S., Assessing the microbiological contamination along with environmental factors of old books in the 1490-founded Bistrița Monastery, Romania, Environmental Science and Pollution Research, 28(7), pp. 8743-8757, 2021	Environmental Science and Pollution Research	0	10	4.223	0.422
4	Ordodi, V., Pană, A.-M., <b>Dumitrel, A.*</b> , Hădărugă, D., Tămaș, A., Pode, V., Todea, A., Păunescu, V., Negru, Ș., An ecological treatment method for ifosfamide contaminated waste water resulting from oncological therapy, Studia Universitatis Babes-Bolyai Chemia, 65(1), pp. 267-277, 2020	Studia Universitatis Babes-Bolyai Chemia	1	9	0.447	0.447
5	Glevitzky, I., <b>Dumitrel, G.-A.*</b> , Glevitzky, M., Bungau, S., Popa, M., Aspects concerning the management of groundwater in the farau area – alba county, Romania, Journal of Environmental Protection and Ecology, 21(2), pp. 443-453, 2020	Journal of Environmental Protection and Ecology	1	5	0.577	0.577
6	Cioabla, A.E., Ivanovici, M., <b>Dumitrel, G.-A.*</b> , Ordodi, L.-V., Călinoiu, D.-G., Trif-Tordai, G., Pode, V., Mathematical approach for pilot-scale experiment setup on biogas production, Studia Universitatis Babes-Bolyai Chemia, 65(1), pp. 245-252, 2020	Studia Universitatis Babes-Bolyai Chemia	1	7	0.447	0.447

7	Pană, A.-M., Gherman, V., Sfirloagă, P., Rusu, G., Bandur, G., Popa, M., Rusnac, L.-M., <b>Dumitrel, G.-A.*</b> , Biodegradation studies on new glycopolymers derived from oligomeric D-mannose itaconates and 2-hydroxypropyl acrylate, Polymer Degradation and Stability, 167, pp. 210-216, 2019	Polymer Degradation and Stability	1	8	5.030	5.030
8	<b>Dumitrel, G.A.</b> , Glevitzky, M., Cioabla, A.E., Glevitzky, I., Popa, M., Study regarding the effect of temperature on streptomycin degradation in different types of honey, Journal of Environmental Protection and Ecology, 20(2), pp. 677-684, 2019	Journal of Environmental Protection and Ecology	1	5	0.577	0.577
9	Glevitzky, M., <b>Dumitrel, G.-A.*</b> , Glevitzky, I., Popa, M., Study on contamination of snail soft tissues (Helix pomatia) with cadmium in Sibiu County, Romania, Journal of Environmental Protection and Ecology, 20(2), pp. 599-607, 2019	Journal of Environmental Protection and Ecology	1	4	0.577	0.577
10	Pana, A.-M., <b>Dumitrel, G.A.*</b> , Ordodi, L.V., Gherman, V., Rusu, G., Stanescu, A., Rusnac, L.M., Preliminary study on polymer degradation using an aerobic reactor, Journal of Environmental Protection and Ecology, 20(4), pp. 1951-1959, 2019	Journal of Environmental Protection and Ecology	1	7	0.577	0.577
11	Nenu, P.F., Dungan, L.I., Cioabla, A.E., Rusu, G., Bandur, G.N., <b>Dumitrel, G.A.</b> , Pode, V., Biomass analysis for combustion applications – case study scenarios, Studia Universitatis Babes-Bolyai Chemia, 63(3), pp. 7-20, 2018	Studia Universitatis Babes-Bolyai Chemia	0	7	0.447	0.064
12	<b>Dumitrel, G.-A.</b> , Glevitzky, M., Popa, M., Chirila, D., Palea, A., Monitoring of lead, copper and cadmium contamination level of soil from Zlatna Region - Romania, Journal of Environmental Protection and Ecology, 18(1), pp. 55-62, 2017	Journal of Environmental Protection and Ecology	1	5	0.577	0.577
13	Cioabla, A.E.; Djuric, A.; <b>Dumitrel, G.A.*</b> ; Chiria, D; Pode, V. , Biogas Production Using Waste Waters – Influence of Process Parameters for Test RIG at Laboratory Scale, Studia Universitatis Babes-Bolyai Chemia, 62(1), pp. 51-60, 2017	Studia Universitatis Babes-Bolyai Chemia	1	5	0.447	0.447
14	<b>Dumitrel, G.A.</b> ; Glevitzky, M.; Popa, M.; Vica, M.L., Studies regarding the heavy metals pollution of streams and rivers in Rosia Montana Area, Romania, Journal of Environmental Protection and Ecology, 16(3), pp. 850-860, 2015	Journal of Environmental Protection and Ecology	1	4	0.577	0.577
15	Vica, M.L. ; Glevitzky, M.; <b>Dumitrel, G.A.*</b> ; Junie, L.M.; Popa, M., Antibacterial activity of different natural honeys from Transylvania, Romania, Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 49(3), pp. 176-181, 2014	Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes	1	5	1.990	1.990

16	Popa, M.; Glevitzky, M.; Popa, D.M.; <b>Dumitrel, G.A.*</b> , Study Regarding the Water Contamination and the Negative Effects on the Population from the Blaj Area, Romania, Journal of Environmental Protection and Ecology, 15(4), pp. 1543-1554, 2014	Journal of Environmental Protection and Ecology	1	4	0.577	0.577
17	Vica, M.; Popa, M.; <b>Dumitrel, G. A.</b> ; Glevitzky, M.; Todoran, A., Study on Microbiological Quality and Pollution Control of Groundwater from Different Areas in the Alba County, Romania, Journal of Environmental Protection and Ecology, 15(1), pp. 64-72, 2014	Journal of Environmental Protection and Ecology	0	5	0.577	0.115
18	Cara, M.C.; <b>Dumitrel, G.A.*</b> ; Glevitzky, M.; Mischie, C.; Silaghi-Perju, D., Thermal Degradation of Streptomycin Residues in Honey During Storage, Food Technology and Biotechnology 2013, 51, 429-433	Food Technology and Biotechnology	1	5	3.918	3.918
19	<b>Dumitrel, G.A.</b> ; Popa, M.; Glevitzky, M.; Vica, M.; Todoran, A., Evaluation of Soil Heavy Metal Pollution in the Zlatna Region, Journal of Environmental Protection and Ecology, 14(4), pp. 1569-1576, 2013	Journal of Environmental Protection and Ecology	1	5	0.577	0.577
20	Cioabla, A.E.; Ionel, I.; Bisorca, D.; Neamt, I.; <b>Dumitrel, G.A.</b> , Small-Scale Biogas Production using Residual Sludge as Substrate, Journal of Environmental Protection and Ecology, 14(4), pp. 1777-1784, 2013	Journal of Environmental Protection and Ecology	0	5	0.577	0.115
21	Popa, M.; Glevitzky, M.; <b>Dumitrel, G.A.</b> , Microbiological Risk Assessment of Ice-Cream Products, Journal of Environmental Protection and Ecology, 14(1), pp. 263-272, 2013	Journal of Environmental Protection and Ecology	0	3	0.577	0.192
22	Cioabla, A.E.; Ionel, I.; <b>Dumitrel, G.A.</b> ; Popescu F., Comparative study on factors affecting anaerobic digestion of agricultural vegetal residues, Biotechnology for biofuel, 5:39, 1-9, 2012	Biotechnology for biofuel	0	4	6.040	1.510
23	Popa, M.; Glevitzky, M.; Popa, D.M.; Varvara, S.; <b>Dumitrel, G.A.</b> , Study on Soil Pollution with Heavy Metals near the River Ampoi, the Alba County, Journal of Environmental Protection and Ecology, 13(4), pp. 2123-2129, 2012	Journal of Environmental Protection and Ecology	0	5	0.577	0.115
24	Cara, M.C.; <b>Dumitrel, G.A.*</b> ; Glevitzky, M.; Perju, D., Stability of tetracycline residues in honey, Journal of the Serbian Chemical Society, 77(7), pp. 879-886, 2012	Journal of the Serbian Chemical Society	1	4	1.240	1.240
25	Pacurariu, C.; Lazau, R.I. ; Lazau, I.; Tita, D.; <b>Dumitrel, G.A.</b> , Non-isothermal crystallization kinetics of some aventurine decorative glaze, Journal of Thermal Analysis and Calorimetry, 105(2), pp. 435-441, 2011	Journal of Thermal Analysis and Calorimetry	0	5	4.626	0.925

26	Calisevici, M.N.; Perju, D.M.; Lysandrou, M.C.; <b>Dumitrel, G.A.</b> ; Glevitzky, M., Determination of anion and cation contents in Cyprus drinking waters by HPIC method, Journal of Food, Agriculture & Environment, 9(1), pp. 65-68, 2011	Journal of Food, Agriculture & Environment	0	5	0.435	0.087
27	Silaghi-Perju, D.; Pirlea, H.; Jinescu, G.; <b>Dumitrel, G.A.</b> ; Perju, D., NO2 Dispersion Process Simulation in Urban Areas by Analytical-Experimental Methods, Studia Universitatis Babes-Bolyai Chemia, 1, pp. 165-172, 2009	Studia Universitatis Babes-Bolyai Chemia	0	5	0.447	0.089
28	Glevitzky, M.; Perju, D.; <b>Dumitrel, G.A.</b> ; Popa, M. ; Vica, M.L., Water Activity - Indicator of Food Safety and the Factors that Influence the Biochemical Stability of Soft Drinks, Studia Universitatis Babes-Bolyai Chemia, 1, pp. 181-188, 2009	Studia Universitatis Babes-Bolyai Chemia	0	5	0.447	0.089
29	<b>Brusturean, G.A.</b> ; Todinca, T.; Perju, D.; Carre, J.; Bourgos, J., Soil clean up by venting: Comparing between modelling and experimental voc removal results, Environmental Technology, 28(10), pp. 1153-1162, 2007	Environmental Technology	1	5	3.247	3.247
30	<b>Brusturean, G.A.</b> ; Carre, J.; Perju, D.; Todinca, T., Study of the influence of temperature the venting depollution process of soils contaminated with volatile organic compounds, Journal of the Serbian Chemical Society, 71(12), pp. 1353-1361, 2006	Journal of the Serbian Chemical Society	1	4	1.240	1.240
			<b>TOTAL "NP":</b>		<b>TOTAL "NT":</b>	<b>TOTAL "FIC":</b>
			<b>19 (8)</b>		<b>30</b>	<b>35.006</b>
			"NP" min:		"NT" min:	"FIC" min:
			10 (6)		25	20

**Conf. dr. ing. Gabriela-Alina DUMITREL**

<b>NC =</b>	<b>286</b>
<b>NC (min)</b>	<b>100</b>

Nr. crt.	Articol publicat in revista cotate ISI (vezi lista de lucrari)	Autor principal (prim-autor sau autor de corespondenta)	Nr. total autori	Factor de impact ISI (la momentul inscrierii la concurs)	Numar citari (conform SCOPUS)
1	Pana, A.-M., Ordodi, V., Rusu, G., Gherman, V., Bandur, G., Rusnac, L.-M., Dumitrel, G.-A., Biodegradation pattern of glycopolymer based on D-mannose oligomer and hydroxypropyl acrylate, <i>Polymers</i> , 12(3),704, 2020, <b>Citată de (cf. SCOPUS):</b>	1	7	4.329	
	Namazi, H., Pooresmaeil, M., Oskooie, M.N., New glyco-copolymers containing $\alpha$ -D-glucofuranose and $\alpha$ -D-mannofuranose groups synthesized by free-radical polymerization of sugar-based monomers, <i>Polymer Bulletin</i> , Article in Press, 2021				1
	Telli, F.C., Synthesis, characterization and thermokinetic analysis of the novel sugar based styrene co-polymer, <i>Polimeros</i> 30(2),e2020019, 2020				1
2	Pană, A.-M., Gherman, V., Sfirloagă, P., Rusu, G., Bandur, G., Popa, M., Rusnac, L.-M., Dumitrel, G.-A., Biodegradation studies on new glycopolymers derived from oligomeric D-mannose itaconates and 2-hydroxypropyl acrylate, <i>Polymer Degradation and Stability</i> , 167, pp. 210-216, 2019, <b>Citată de (cf. SCOPUS):</b>	1	8	5.03	
	Namazi, H., Pooresmaeil, M., Oskooie, M.N., New glyco-copolymers containing $\alpha$ -D-glucofuranose and $\alpha$ -D-mannofuranose groups synthesized by free-radical polymerization of sugar-based monomers, <i>Polymer Bulletin</i> , Article in Press, 2021				1
3	Glevitzky, I., Dumitrel, G.A., Glevitzky, M., Pasca, B., Otrisal, P., Bungau, S., Cioca, G., Pantis, C., Popa, M., Statistical analysis of the relationship between antioxidant activity and the structure of flavonoid compounds, <i>Revista de Chimie</i> , 70(9), pp. 3103-3107, 2019, <b>Citată de (cf. SCOPUS):</b>	0	9	1.755	
	Babes E.E.,Bustea C.,Behl T.,Abdel-Daim M.M.,Nechifor A.C.,Stoicescu M.,Brisic C.M.,Moisi M.,Gitea D.,Iovanovici D.C.,Bungau A.F.,Tit D.M., Acute coronary syndromes in diabetic patients, outcome, revascularization, and antithrombotic therapy, <i>Biomedicine and Pharmacotherapy</i> , 148, 112772, 2022				1
	Bhatia S.,Makkar R.,Behl T.,Sehgal A.,Singh S.,Rachamalla M.,Mani V.,Iqbal M.S.,Bungau S.G., Biotechnological Innovations from Ocean: Transpiring Role of Marine Drugs in Management of Chronic Disorders, <i>Molecules</i> , 27(5),1539, 2022				1
	Kamal F.Z.,Stanciu G.D.,Lefter R.,Cotea V.V.,Niculaua M.,Ababei D.C.,Ciobica A.,Ech-Chahad A., Chemical Composition and Antioxidant Activity of Ammi visnaga L. Essential Oil, <i>Antioxidants</i> , 11(2),347, 2022				1

Mohammed H.A.,Qureshi K.A.,Ali H.M.,Al-omar M.S.,Khan O.,Mohammed S.A.A., Bio-Evaluation of the Wound Healing Activity of Artemisia judaica L. as Part of the Plant's Use in Traditional Medicine; Phytochemical, Antioxidant, Anti-Inflammatory, and Antibiofilm Properties of the Plant's Essential Oils, Antioxidants, 11(2),332, 2022				1
Taskesenlioglu, M.Y., Ercisli, S., Kupe, M., Ercisli, N., History of Grape in Anatolia and Historical Sustainable Grape Production in Erzincan Agroecological Conditions in Turkey, Plants, 11(3),328, 2022				1
Mishra, S., Singh, V.J., Chawla, P.A., Chawla, V., Neuroprotective Role of Nutritional Supplementation in Athletes, Current Molecular Pharmacology, 15(1), pp. 129-142, 2022				1
Todorova, V., Ivanov, K., Ivanova, S., Comparison between the biological active compounds in plants with adaptogenic properties (Rhaponticum carthamoides, lepidium meyenii, eleutherococcus senticosus and panax ginseng), Plants, 11(1),64, 2022				1
Karačonji I.B.,Jurica K.,Gašić U.,Dramićanin A.,Tešić Ž.,Opsenica D.M., Comparative study on the phenolic fingerprint and antioxidant activity of strawberry tree (Arbutus unedo L.) leaves and fruits, Plants, 11(1),25, 2022				1
Abutaha, N., AL-Mekhlafi, F.A., Almutairi, B.O., Wadaan, M.A., S-phase cell cycle arrest, and apoptotic potential of Echinum arabicum phenolic fraction in hepatocellular carcinoma HepG2 cells, Journal of King Saud University - Science, 34(1),101735, 2022				1
De Araújo E.R.D.,Guerra G.C.B.,Andrade A.W.L.,Fernandes J.M.,Da Silva V.C.,De Aragão Tavares E.,De Araújo A.A.,de Araújo Júnior R.F., Zucolotto S.M., Gastric Ulcer Healing Property of Bryophyllum pinnatum Leaf Extract in Chronic Model In Vivo and Gastroprotective Activity of Its Major Flavonoid, Frontiers in Pharmacology, 12,744192, 2021				1
Tesarik, J., Towards personalized antioxidant use in female infertility: Need for more molecular and clinical studies, Biomedicines, 9(12),1933, 2021				1
Akter T.,Rahman M.A.,Moni A.,Apu M.A.I.,Fariha A.,Hannan M.A.,Uddin M.J., Prospects for protective potential of moringa oleifera against kidney diseases, Plants, 10(12),2818, 2021				1
Hsieh S.-L.,Shih Y.-W.,Chiu Y.-M.,Tseng S.-F.,Li C.-C.,Wu C.-C., By-products of the black soybean sauce manufacturing process as potential antioxidant and anti-inflammatory materials for use as functional foods, Plants, 10(12),2579, 2021				1
Behl T.,Upadhyay T.,Singh S.,Chigurupati S,Alsubayiel A.M.,Mani V.,Vargas-De-la-cruz C.,Uivarosan D.,Bustea C.,Sava C.,Stoicescu M.,Radu A.-F., Polyphenols targeting MAPK mediated oxidative stress and inflammation in rheumatoid arthritis, Molecules 26(21),6570, 2021				1



Behl T.,Gupta A.,Sehgal A.,Sharma S.,Singh S.,Sharma N.,Diaconu C.C.,Rahdar A.,Hafeez A.,Bhatia S.,Al-Harrasi A.,Bungau S., A spotlight on underlying the mechanism of AMPK in diabetes complications, <i>Inflammation Research</i> , 70(9), pp.939-957, 2021					1
Pavel F.M.,Vesa C.M.,Gheorghe G.,Diaconu C.C.,Stoicescu M.,Munteanu M.A.,Babes E.E.,Tit D.M.,Toma M.M.,Bungau S., Highlighting the relevance of gut microbiota manipulation in inflammatory bowel disease, <i>Diagnostics</i> , 11(6),1090, 2021					1
Vică M.L.,Glevitzky M.,Tit D.M.,Behl T.,Hegheduș-Mîndru R.C.,Zaha D.C.,Ursu F.,Popa M.,Glevitzky I.,Bungău S., The antimicrobial activity of honey and propolis extracts from the central region of Romania, <i>Food Bioscience</i> , 41,101014, 2021					1
Zhao, L., Wang, H., Du, X., , The therapeutic use of quercetin in ophthalmology: recent applications, <i>Biomedicine and Pharmacotherapy</i> , 137,111371, 2021					1
Zain, M.S.C., Lee, S.Y., Nasir, N.M., Fakurazi, S., Shaari, K., Metabolite characterization and correlations with antioxidant and wound healing properties of oil palm ( <i>Elaeis guineensis</i> jacq.) leaflets via 1 h-nmr-based metabolomics approach, <i>Molecules</i> , 25(23),5636, 2020					1
Banica F.,Bungau S.,Tit D.M.,Behl T.,Otrisal P.,Nechifor A.C.,Gitea D.,Pavel F. M.,Nemeth S., Determination of the total polyphenols content and antioxidant activity of <i>Echinacea purpurea</i> extracts using newly manufactured glassy carbon electrodes modified with carbon nanotubes, <i>Processes</i> , 8(7),833, 2020					1
Sivasankarapillai V.S.,Madhu Kumar Nair R.,Rahdar A.,Bungau S.,Zaha D.C.,Aleya L.,Tit D.M., Overview of the anticancer activity of withaferin A, an active constituent of the Indian ginseng <i>Withania somnifera</i> , <i>Environmental Science and Pollution Research</i> , 27(21), pp. 26025-26035, 2020					1
Makkar R.,Behl T.,Bungau S.,Zengin G.,Mehta V.,Kumar A.,Uddin M.S.,Ashraf G.M.,Abdel-Daim M.M.,Arora S.,Oancea R., Nutraceuticals in neurological disorders, <i>International Journal of Molecular Sciences</i> , 21(12),4424, pp. 1-19, 2020					1
Zhu C.,Zhou X.,Long C.,Du Y.,Li J.,Yue J.,Pan S., Variations of Flavonoid Composition and Antioxidant Properties among Different Cultivars, Fruit Tissues and Developmental Stages of Citrus Fruits, <i>Chemistry and Biodiversity</i> , 17(6),e1900690, 2020					1
Otrisal, P., Florus, S., Bungau, S., Hoskova-Mayerova, S., Full face masks construction and main modernization trends, <i>Challenges to National Defence in Contemporary Geopolitical Situation</i> , 2020(1), pp. 55-62, 2020					1
Fu, Y., You, Z., Xiao, A., Liu, L., Zhou, W., Electrochemical evaluation of the antioxidant capacity of natural compounds on glassy carbon electrode modified with guanine-, polythionine-, and nitrogen-doped graphene, <i>Open Chemistry</i> , 18(1), pp. 1054-1063, 2020					1

4	Cioabla, A.E., Popescu, F., Trif-Tordai, G., Dumitrel, A.-G., Oprisa-Stanescu, P.-D., Lelea, D., Sustainable development of Romanian cities through biogas production from municipal wastes and application in co-combustion processes, Thermal Science, 22(2), pp. 1071-1076, 2018, <b>Citată de (cf. SCOPUS):</b>	0	6	1.625	
	El-Dalatony, M.M., Sharma, P., Hussein, E.E., Elnaggar, A.Y., Salama, E.-S., Pig- and vegetable-cooked waste oils as feedstock for biodiesel, biogas, and biopolymer production, Biomass Conversion and Biorefinery, Article in Press, 2022				1
	Mosnegutu, E.F., Panainte-Lehăduș, M., Nedeff, F., Tirtoaca, O., Tomozei, C., Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, International Journal of Conservation Science 11(1), pp. 179-188, 2020				1
	Dungan, L.I., Cioablă, A.E., Pode, V., Small scale determinations for biogas production using anaerobic fermentation - 2L batch scenarios, Revista de Chimie, 71(1), pp. 223-227, 2020				1
5	Cioabla, A.E., Dumitrel, G.A., Ionel, I., Evaluation by kinetic models of anaerobe digestion performances for various substrates and Co-substrates, Revista de Chimie, 68(11), pp. 2614-2617, 2017, <b>Citată de (cf. SCOPUS):</b>	1	3	1.755	
	Ohnmacht, B., Lemmer, A., Oechsner, H., Kress, P., Demand-oriented biogas production and biogas storage in digestate by flexibly feeding a full scale biogas plant, Bioresource Technology, 332,125099, 2021				1
	Dungan, L.I., Cioablă, A.E., Pode, V., Small scale determinations for biogas production using anaerobic fermentation - 2L batch scenarios, Revista de Chimie, 71(1), pp. 223-227, 2020				1
	Dima, A.D., Mateescu, C., Parvulescu, O.C., Lungulescu, E.M., Nicula, N.O., Theoretical and experimental results on the recovery of potato processing residuals by anaerobic digestion, Revista de Chimie, 70(7), pp. 2524-2529, 2019				1
6	Cioabla A.E., Ionel I., Dumitrel G.A., Vasilescu M.D., Comparative study concerning anaerobic fermentation of degraded cereals, European Biomass Conference and Exhibition Proceedings, (25thEUBCE) 880-883, 2017, <b>Citată de (cf. SCOPUS):</b>	0	4	0.000	
	Mateescu, C., Dima, A.-D., Critical analysis of key barriers and challenges to the growth of the biogas sector: a case study for Romania, Biomass Conversion and Biorefinery, 2020				1
7	Dumitrel, G.A., Cioabla, A.E., Ionel, I., Varga, L.A., Experimental and modelling approach of biogas production by anaerobic digestion of agricultural resources, Revista de Chimie, 68(6), pp. 1391-1395, 2017, <b>Citată de (cf. SCOPUS):</b>	1	4	1.755	
	Dungan, L.I., Cioablă, A.E., Pode, V., Small scale determinations for biogas production using anaerobic fermentation - 2L batch scenarios, Revista de Chimie, 71(1), pp. 223-227, 2020				1

8	Cioabla, A.E., Dumitrel, G.A., Popescu, F., Lelea, D., Trif-Tordai, G., Biogas Production Using Residual Waters in Co-fermentation Processes, <i>Materials Today: Proceedings</i> , 4(7), pp. 6757-6763, 2017, <b>Citată de (cf. SCOPUS):</b>	0	5	0	
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	Dungan, L.I., Cioabla, A.E., Pode, V., Small scale determinations for biogas production using anaerobic fermentation - 2L batch scenarios, <i>Revista de Chimie</i> , 71(1), pp. 223-227, 2020				1
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TOTAL "NC":	286
"NC" min:	100