

**UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI**  
**FACULTATEA DE INGINERIE CHIMICA SI PROTECTIA MEDIULUI CRISTOFOR SIMIONESCU**  
**DEPARTAMENTUL DE INGINERIE ORGANICA, BIOCHIMICA SI ALIMENTARA**

Concurs pentru ocuparea postului de **Conferențiar**, poz. 9

Disciplinele postului: Enzimologie  
Microbiologie industrială și alimentară  
Biotehnologii în protecția mediului

**FIȘA DE VERIFICARE**  
**a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de**  
**conferențiar universitar**

publicat în Monitorul Oficial al României nr. 1242 din data de 3.12.2021

Candidat: dr.ing. Alexandra Cristina Blaga / Data nașterii: 04.06.1980

Funcția actuală: șef lucrări, Data numirii în funcția actuală: 01.10.2013

Instituția: Facultatea de Inginerie Chimică și Protecția Mediului Cristofor Simionescu

Nr	Criteriu cf.	Realizări candidat
1	NTOP $\geq$ 2	NTOP=4
2	NP $\geq$ 10	NP=14
3	FIC $\geq$ 15	FIC = 57.473, considerând FI conform JCR 2020
4	NC $\geq$ 50	NC = 283, excluzând autocitățile, cf SCOPUS, 14.01.2022
5	NCO $\geq$ 1	NCO=1

**a.) NTOP  $\geq$  2**  
**NTOP=4**

1. Suteu, D.; Blaga, A.C. (autor corespondent); Cimpoesu, R.; Puișel, A.C.; Tataru-Farmus, R.-E. Composites Based on Natural Polymers and Microbial Biomass for Biosorption of Brilliant Red HE-3B Reactive Dye from Aqueous Solutions. Polymers 2021, 13, 4314. <https://doi.org/10.3390/polym13244314> (la momentul publicării)
2. Blaga, AC, Zaharia C., Suteu D. - Polysaccharides as support for microbial biomass-based adsorbents with applications in removal of heavy metals and dyes, Polymers 2021, 13, 2893. <https://doi.org/10.3390/polym13172893> (la momentul publicării)

3. Lazar, RG; Blaga, AC (autor corespondent); Dragoi, EN; Galaction, AI; Cascaval, D - Mechanism, influencing factors exploration and modelling on the reactive extraction of 2-ketogluconic acid in presence of a phase modifier, Separation and Purification Technology, 255, 2021, 117740, <https://doi.org/10.1016/j.seppur.2020.117740> (la momentul publicarii)
4. Blaga, AC; Ciobanu, C; Cascaval, D; Galaction, AI -Enhancement of ergosterol production by Saccharomyces cerevisiae in batch and fed-batch fermentation processes using n-dodecane as oxygen-vector, Biochemical Engineering Journal, 131, 2018, 70-76, <https://doi.org/10.1016/j.bej.2017.12.010> (la momentul publicarii)

**b.) NP ≥ 10**

**NP=14**

1. Suteu, D.; Blaga, A.C. (**autor corespondent**); Cimpoesu, R.; Puițel, A.C.; Tataru-Farmus, R.-E.- Composites Based on Natural Polymers and Microbial Biomass for Biosorption of Brilliant Red HE-3B Reactive Dye from Aqueous Solutions. Polymers 2021, 13, 4314. <https://doi.org/10.3390/polym13244314>
2. Blaga, AC; Zaharia C.; Suteu D. - Polysaccharides as support for microbial biomass-based adsorbents with applications in removal of heavy metals and dyes, Polymers 2021, 13, 2893. <https://doi.org/10.3390/polym13172893>
3. Lazar, RG; Blaga, AC (**autor corespondent**); Dragoi, EN; Galaction, AI; Cascaval, D - Mechanism, influencing factors exploration and modelling on the reactive extraction of 2-ketogluconic acid in presence of a phase modifier, Separation and Purification Technology, 255, 2021, 117740, <https://doi.org/10.1016/j.seppur.2020.117740>
4. Lazar, RG; Blaga, AC (**autor corespondent**); Dragoi, EN; Galaction, AI; Cascaval, D - Application of reactive extraction for the separation of pseudomonic acids: Influencing factors, interfacial mechanism, and process modelling, Canadian Journal Of Chemical Engineering, 2021, <https://doi.org/10.1002/cjce.24124>
5. Ciobanu, CP; Blaga, AC (**autor corespondent**); Froidevaux, R; Krier, F; Galaction, AI; Cascaval, D. Enhanced growth and beta-galactosidase production on Escherichia coli using oxygen vectors, 3 BIOTECH, 2020, 10 (7), <https://doi.org/10.1007/s13205-020-02284-4>
6. Tucaliuc, A; Blaga, AC (**autor corespondent**); Galaction, AI; Cascaval, D - Mupirocin: applications and production, BIOTECHNOLOGY LETTERS, 2019, 41 (4-5), 495-502, <https://doi.org/10.1007/s10529-019-02670-w>
7. Blaga, AC; Ciobanu, C; Cascaval, D; Galaction, AI -Enhancement of ergosterol production by Saccharomyces cerevisiae in batch and fed-batch fermentation processes using n-dodecane as oxygen-vector, Biochemical Engineering Journal, 131, 2018, 70-76, <https://doi.org/10.1016/j.bej.2017.12.010>
8. Blaga, AC; D Cascaval; Kloetzer, L; Tucaliuc, A; Galaction, AI - Valorization Of Microalgal Biomass, Environmental Engineering And Management Journal, 17 (4), 2018,841-854, WOS: 000431134900010
9. Cascaval, D; Blaga, AC (**autor corespondent**); Galaction, AI - Diffusional effects on anaerobic biodegradation of pyridine in a stationary basket bioreactor with immobilized Bacillus spp. cells, Environmental Technology, 39 (2), 2018, 240-252, <https://doi.org/10.1080/09593330.2017.1298675>
10. Folescu E.; Blaga, AC (**autor corespondent**) - Utilization of olive oil as a potential oxygen-vector in stirred bioreactors, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 12 (3), 587-594, 2013, WOS:000320144200020
11. Blaga, AC, T. Malutan - Selective Separation of Vitamin C by Reactive Extraction, JOURNAL OF CHEMICAL ENGINEERING DATA, 57 (2), pp 431–435, 2012, <https://doi.org/10.1021/je2010193>
12. Blaga, AC; Galaction A.I.; Cașcaval D. - Reactive extraction of 2-keto-gluconic acid. Mechanism and influencing factors, ROMANIAN BIOTECHNOLOGICAL LETTERS, 15 ( 3), 5253-5259, 2010

13. Blaga, AC; Galaction AI; Cascaval D - Separation of Amino Acids from Their Mixture by Facilitated Pertraction with D2EHPA, CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, 22(4), 439-446, 2008

14. Blaga, AC; Galaction AI; Cascaval D - Extraction and transport of basic amino acids through liquid membranes, REVISTA DE CHIMIE, 58, (11), 1080-1084, 2007

c.) **FIC  $\geq$  15**

**FIC = 57.473**

Nr. crt.	Referința bibliografică	FI	ni	FI/ni
1.	Suteu, D.; Blaga, A.C.; Cimpoesu, R.; Puițel, A.C.; Tataru-Farmus, R.-E.- Composites Based on Natural Polymers and Microbial Biomass for Biosorption of Brilliant Red HE-3B Reactive Dye from Aqueous Solutions. Polymers 2021, 13, 4314	4.329	3	1.443
2.	Rusu, L.; Grigoraș, C.-G.; Simion, A.-I.; Suceveanu, E.-M.; Blaga, A.-C.; Harja, M. Encapsulation of Saccharomyces pastorianus Residual Biomass in Calcium Alginate Matrix with Insights in Ethacridine Lactate Biosorption. Polymers 2022, 14, 170.	4.329	6	0.7215
3.	Popescu, V.; Blaga, A.C.; Pruneanu, M.; Cristian, I.N.; Pîslaru, M.; Popescu, A.; Rotaru, V.; Crețescu, I.; Cașcaval, D. Green Chemistry in the Extraction of Natural Dyes from Colored Food Waste, for Dyeing Protein Textile Materials. Polymers 2021, 13, 3867.	4.329	9	0.481
4.	Popescu, V.; Buciscanu, I.I.; Pruneanu, M.; Maier, S.S.; Danila, A.; Maier, V.; Pîslaru, M.; Rotaru, V.; Cristian, I.N.; Popescu, A.; Istrate, B.; Blaga, A.C.; Ciolacu, F.; Cretescu, I.; Chelariu, P.; Marin, M. Sustainable Functionalization of PAN to Improve Tinctorial Capacity. Polymers 2021, 13, 3665.	4.329	16	0.270
5.	Blaga, AC; Zaharia C.; Suteu D. - Polysaccharides as support for microbial biomass-based adsorbents with applications in removal of heavy metals and dyes, Polymers 2021, 13, 2893	4.329	-	4.329
6.	Lazar, RG; Blaga, AC; Dragoi, EN; Galaction, AI; Cascaval, D - Application of reactive extraction for the separation of pseudomonic acids: Influencing factors, interfacial mechanism, and process modelling, Canadian Journal Of Chemical Engineering, 2021	2.007	-	2.007
7.	Galaction, AI; Blaga, AC; Tucaliuc, A; Kloetzer, L; Cascaval, D - Modelling of ergosterol production by S. cerevisiae in presence of n-dodecane as oxygen-vector, ROMANIAN BIOTECHNOLOGICAL LETTERS, 26 (2), 2464-2470, 2021	0.765	5	0.153
8.	Lazar, RG; Blaga, AC; Dragoi, EN; Galaction, AI; Cascaval, D - Mechanism, influencing factors exploration and modelling on the reactive extraction of 2-ketogluconic acid in presence of a phase modifier, Separation and Purification Technology, 255, 2021, 117740	7.312	-	7.312
9.	L.I.Horciu, C. Zaharia, A.C. Blaga, L. Rusu, D. Suteu - Brilliant Red HE-3B Dye Biosorption by Immobilized Residual Consortium Bacillus sp. Biomass: Fixed-Bed Column Studies, Applied Science 2021, 11, 4498	2.679	5	0.5358
10.	Estevinho, B. N.; Horciu R.; Blaga, A. C., Rocha F. - Development of Controlled Delivery Functional Systems by Microencapsulation of Different Extracts of Plants: Hypericum perforatum L., Salvia officinalis L. and Syzygium aromaticum, Food and Bioprocess Technology, 2021	4.465	4	1.11625
11.	Estevinho, B.N.; Lazar, R.; Blaga, A.C.; Rocha F. - Preliminary evaluation and studies on the preparation, characterization and in vitro release studies of different biopolymer microparticles for controlled release of folic acid, POWDER TECHNOLOGY, 369, 279-288, 2020	5.134	4	1.2835

12.	Horciu, IL; Blaga, AC; Rusu, L.; Zaharia C.; Suteu D. - Biosorption of reactive dyes from aqueous media using the <i>Bacillus</i> sp. residual biomass, <i>DESALINATION AND WATER TREATMENT</i> , 195, 353-360, 2020	1.254	5	0.2508
13.	Ciobanu, Corina Paraschiva; Blaga, Alexandra Cristina; Froidevaux, Renato; et al. - Enhanced growth and beta-galactosidase production on <i>Escherichia coli</i> using oxygen vectors, <i>3 BIOTECH Volume: 10</i> , 7,298, 2020	2.406	-	2.406
14.	Tucaliuc, A; Blaga, AC; Galaction, AI; Cascaval, D - Mupirocin: applications and production, <i>Biotechnology Letters</i> , 41, 4-5, 495-502, 2019	2.461	-	2.461
15.	Bucurescu, A; Blaga, AC; Estevinho, BN; Rocha, F. -Microencapsulation of Curcumin by a Spray-Drying Technique Using Gum Arabic as Encapsulating Agent and Release Studies, <i>Food And Bioprocess Technology</i> , 11 (10), 2018, 1795-1806	4.465	4	1.11625
16.	Blaga, AC; Cascaval, D Cascaval; Kloetzer, L; Tucaliuc, A; Galaction, AI - Valorization Of Microalgal Biomass, <i>Environmental Engineering And Management Journal</i> , 17 (4), 2018,841-854	0.916	-	0.916
17.	Blaga, AC; Ciobanu, C; Cascaval, D; Galaction, AI -Enhancement of ergosterol production by <i>Saccharomyces cerevisiae</i> in batch and fed-batch fermentation processes using n-dodecane as oxygen-vector, <i>Biochemical Engineering Journal</i> , 131, 2018, 70-76	3.978	-	3.978
18.	Cascaval, D; Blaga, AC; Galaction, AI -Diffusional effects on anaerobic biodegradation of pyridine in a stationary basket bioreactor with immobilized <i>Bacillus</i> spp. cells, <i>Environmental Technology</i> , 39 (2), 2018, 240-252	3.247	-	3.247
19.	Kloetzer, L; Bompă, AS; Blaga, AC; Galaction, AI; Cascaval, D - Study on rosmarinic acid separation by synergic extraction, <i>Separation Science And Technology</i> , 53 (4), 2018, 645-654	2.475	5	0.495
20.	Ramona-Mihaela Matran, Anca-Irina Galaction, Alexandra Cristina Blaga, Marius Turnea, Dan Cașcaval, Distribution of Mixing Efficiency in a Split-Cylinder Gas-Lift Bioreactor with Immobilized <i>Yarrowia Lipolytica</i> Cells Used for Olive Oil Mill Wastewater Treatment, <i>Chemical Engineering Communications</i> 2016, 203(5), 666-675	2.494	5	0.4988
21.	Madalina Poștaru, Amalia-Stela Bompă, Anca-Irina Galaction, Alexandra Cristina Blaga, Dan Cașcaval, Comparative study on pantothenic acid separation by reactive extraction with tri-n-octylamine and di-(2-ethylhexyl) phosphoric acid, <i>Chem. Biochem. Eng. Quart.</i> 2016, 31(1), 81-92	1.582	5	0.3164
22.	Estevinho, BN; Carlan, I ; Blaga, A; Rocha, F - Soluble vitamins (vitamin B12 and vitamin C) microencapsulated with different biopolymers by a spray drying process, <i>POWDER TECHNOLOGY</i> , 289, 71-78	5.134	4	1.0268
23.	Belhacene, K; Grosu, EF ; Blaga, AC; Dhulster, P ; Pinteala, M; Froidevaux, - Simple Eco-Friendly Beta-Galactosidase Immobilization On Functionalized Magnetic Particles For Lactose Hydrolysis; <i>Environmental Engineering And Management Journal</i> , 14, 3, 631-638, 2015	0.916	6	0.1526
24.	Dan Cașcaval, Ramona Mihaela Matran, Marius Turnea, Alexandra Cristina Blaga, Anca-Irina Galaction, Distribution of mixing efficiency in a split-cylinder gas-lift bioreactor for <i>Yarrowia lipolytica</i> suspensions, <i>Canadian J. Chemical Engineering</i> 2015, 93(1), 18-28.	2.007	5	0.4014
25.	Anca-Irina Galaction, Alexandra Cristina Blaga, Ramona Mihaela Matran, Dan Cașcaval, Effect of bed configuration of immobilized biocatalysts on Penicillin G hydrolysis efficiency, <i>Korean J. of Chemical Engineering</i> 2015, 32(2), 216-221	3.309	4	0.8272
26.	Anca-Irina Galaction, Alexandra Cristina Blaga, Corina Ciobanu, Marius Turnea, Dan Cașcaval, Distribution of oxygen transfer rates in stirred bioreactor for different fermentation broths-oxygen-vectors dispersions, <i>Environmental Engineering and Management Journal</i> 2015, 14(2), 433-447	0.916	5	0.1832
27.	Anca-Irina Galaction, Madalina Postaru, Lenuta Kloetzer, Alexandra Cristina Blaga, Dan Cașcaval, Separation of	4.481	5	0.8962

	rosmarinic acid by facilitated pertraction, Food and Bioproducts Processing 2015, 94, 621-628			
28.	Ramona-Mihaela Matran, Alexandra Cristina Blaga, Dan Cașcaval, Alexandra Tucaliuc, Anca-Irina Galaction, Comparative studies on kinetics of anaerobic and aerobic biodegradation of lipids from olive oil mill wastewaters with mixture of Bacillus spp. cells, Environmental Engineering and Management Journal 2015, 14(3), 575-579	0.916	5	0.1832
29.	Cascaval, Dan, Matran, Ramona Mihaela, Turnea, Marius, Alexandra Cristina Blaga, Galaction, Anca-Irina;; Distribution of Mixing Efficiency in A Split-Cylinder Gas-Lift Bioreactor for Yarrowia Lipolytica Suspensions, CANADIAN JOURNAL OF CHEMICAL ENGINEERING, 93 (1), 18-28, 2015	2.007	5	0.4014
30.	Galaction, Anca-Irina; Matran, Ramona Mihaela; Turnea, Marius, Alexandra Cristina Blaga, Cascaval, Dan - Engineering Aspects of Penicillin G Transfer and Conversion to 6-Aminopenicillanic Acid in a Bioreactor with a Mobile Bed of Immobilized Penicillin Amidase, CHEMICAL ENGINEERING COMMUNICATIONS, 201 (12), 1568-1581, 2014	2.494	5	0.4988
31.	Carlescu, Alexandra; Alexandra Cristina Blaga; Galaction, Anca- Irina, Turnea Marius, Cascaval D – Interfacial Mass Transfer in the Reactive Extraction Process of Succinic Acid from Viscous Aqueous Solutions, SEPARATION SCIENCE AND TECHNOLOGY, 49 (7), 974-980, 2014	2.475	5	0.495
32.	Suteu, Daniela; Blaga, Alexandra Cristina; Diaconu, Mariana, Teodor Malutan - Biosorption of reactive dye from aqueous media using Saccharomyces cerevisiae biomass. Equilibrium and kinetic study, CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, 11 (12), 2048-2057, 2013	1.46	4	0.365
33.	Matran, Ramona Mihaela; Galaction, Anca-Irina; Blaga, Alexandra Cristina, Dan Cascaval - Green technology for 6-aminopenicillanic acid production - study of penicillin g hydrolysis in a bioreactor with mobile bed of immobilized penicillin amidase under substrate inhibition, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 12 (11), 2261-2266, 2013	0.916	4	0.229
34.	Kloetzer, Lenuta; Postaru, Madalina; Galaction, Anca-Irina; Blaga Alexandra Cristina, Dan Cascaval - Comparative study on rosmarinic acid separation by reactive extraction with Amberlite LA-2 and D2EHPA. 1. Interfacial Reaction Mechanism and Influencing Factors, INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, 52 (38), 13785-13794, 2013	3.72	5	0.744
35.	Folescu, Elena; Blaga, Alexandra Cristina - Utilization of olive oil as a potential oxygen-vector in stirred bioreactors, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, 12 (3), 587-594, 2013	0.916	-	0.916
36.	Cascaval, Dan; Postaru, Madalina; Galaction, Anca-Irina; Alexandra Cristina Blaga - Fractionation of Carboxylic Acids Mixture Obtained by P. acidipropionici Fermentation Using Pertraction with tri-n- Octylamine and 1-Octanol - INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH 52 (7), 2685-2692, 2013	3.72	4	0.93
37.	Cașcaval D., Turnea M., Galaction A.I., Alexandra Cristina Blaga. - 6-Aminopenicillanic acid production in stationary basket bioreactor with packed bed of immobilized penicillin amidase—Penicillin G mass transfer and consumption rate under internal diffusion limitation, BIOCHEMICAL ENGINEERING JOURNAL, 69, pp. 113-122, 2012	3.972	4	0.993
38.	Postaru M., Turnea M., Galaction A.I., Kloetzer L., Alexandra Cristina Blaga, Vlysidis A., Webb C., Carlescu A., Cascaval D. - Modeling of selective pertraction of carboxylic acids produced by Actinobacillus succinogenes fermentation, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL 11 (11), pp 1901-1906, 2012	0.916	9	0.101
39.	Blaga, AC, T. Malutan - Selective Separation of Vitamin C by Reactive Extraction, JOURNAL OF CHEMICAL ENGINEERING DATA, 57 (2), pp 431–435, 2012	2.694	-	2.694
40.	Anca-Irina Galaction, Alexandra Cristina Blaga, Dan Cașcaval - Study on facilitated pertraction of folic acid in pseudosteady-state regime, SEPARATION SCIENCE AND TECHNOLOGY, 46 (6), 912-919, 2011.	2.475	3	0.825

41.	L. Kloetzer, Alexandra Cristina Blaga, A.I. Galaction, D. Cascaval - Separation of p-aminobenzoic acid using liquid membrane in presence of phase modifier. JOURNAL OF BIOTECHNOLOGY, 150, p. S398, 2010	3.307	4	0.826
42.	Alexandra Cristina Blaga, Anca-Irina Galaction, Dan Cașcaval - Reactive extraction of 2-keto-gluconic acid. Mechanism and influencing factors, ROMANIAN BIOTECHNOLOGICAL LETTERS, 15 ( 3), 5253-5259, 2010	0.765	-	0.765
43.	Sze Ki Carol Lin, Chenyu Du, Alexandra Cristina Blaga, Maria Camarut, Colin Webb, Christian V. Stevens, Wim Soetaert - Novel resin-based vacuum distillation-crystallisation method for recovery of succinic acid crystals from fermentation broths, GREEN CHEMISTRY, 12, 666-671, 2010	10.182	7	1.454
44.	Alexandra Cristina Blaga, Galaction AI, Cascaval D - Separation of Amino Acids from Their Mixture by Facilitated Pertraction with D2EHPA, CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, 22(4), 439-446, 2008	1.582	-	1.582
45.	Galaction AI, Nicuta N, Alexandra Cristina Blaga, Cascaval D - Selective separation of gentamicins by reactive extraction 1. Study on the extraction process, ROMANIAN BIOTECHNOLOGICAL LETTERS, 12 (1) 3065-3071, 2007	0.765	4	0.191
46.	Cascaval D, Galaction AI, Alexandra Cristina Blaga – Photobioreactors, ROMANIAN BIOTECHNOLOGICAL LETTERS, 12(5), 3377-3388, 2007	0.765	3	0.255
47.	Alexandra Cristina Blaga, Galaction AI, Cascaval D - Extraction and transport of basic amino acids through liquid membranes, REVISTA DE CHIMIE, 58, (11), 1080-1084, 2007	1.755	-	1.755
48.	Cascaval D, Galaction AI, Nicuta N, Alexandra Cristina Blaga - Selective separation of gentamicins from the biosynthetic mixture by reactive extraction, SEPARATION AND PURIFICATION TECHNOLOGY, 57(2), 264-269, 2007	7.312	4	1.828
49.	Cascaval D, Alexandra Cristina Blaga, Camarut M, Galaction AI - Comparative study on reactive extraction of nicotinic acid with Amberlite LA-2 and D2EHPA, SEPARATION SCIENCE AND TECHNOLOGY, 42(2), 389-401, 2007	2.475	4	0.618
<b>FIC</b>				<b>57.473</b>

d.) **NC ≥ 50**

**NC = 283 (cf. SCOPUS 05.01.2022)**

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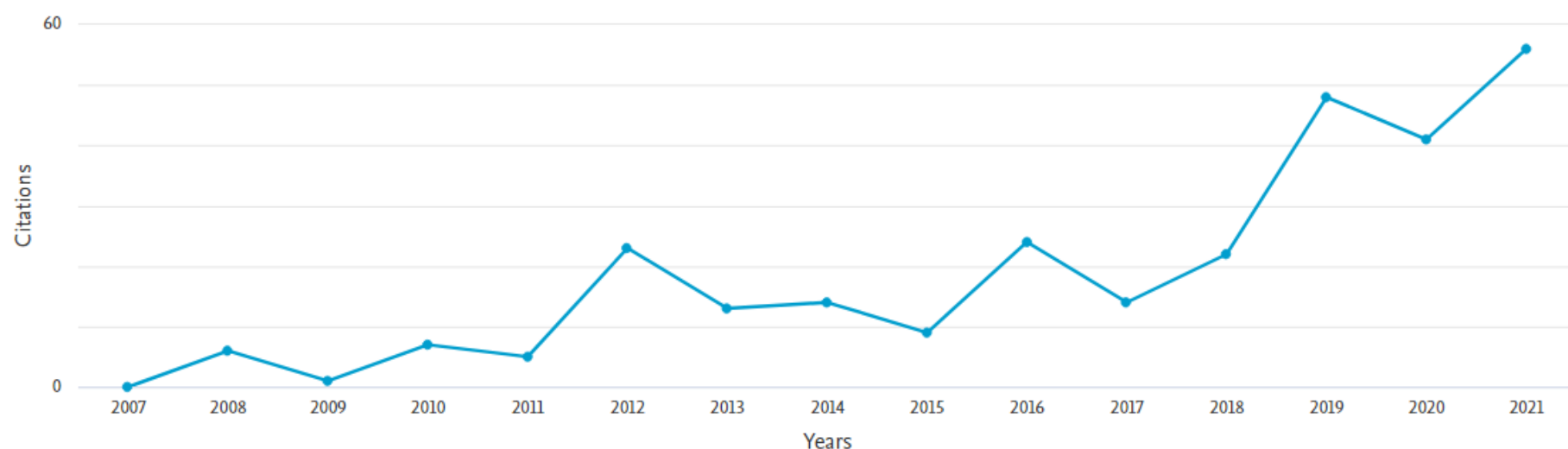
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		Total	0	0	6	1	7	5	23	13	14	9	24	14	22	48	41	56	283	7	290
<input type="checkbox"/>	1 Composites based on natural polymers and microbial biomass f...	2021																	0		0
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Author:Blaga, Alexandra Cristina																								
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Publicati	Document Title	Authors	Journal T	Volume	0	0	6	1	7	5	23	13	14	9	24	14	22	48	41	56	283	7	290	
2021	Composites based on natural	Suteu D., Blaga A.	Polymers	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	Green chemistry in the extract	Popescu V., Blaga	Polymers	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	Sustainable functionalisation	Popescu V., Bucsi	Polymers	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	Polysaccharides as support for	Blaga A.C., Zahari	Polymers	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
2021	Development of Controlled D	Estevinho B.N., He	Food an	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	
2021	Brilliant red he-3b dye biosor	Horciu L.I., Zaharia	Applied	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
2021	Mechanism, influencing factor	Roxana Georgiana	Separati	255	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	
2021	Application of reactive extrac	Lazar R.G., Blaga	Canadian Journal c		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	Neuroevolutionary Algorithms A	Curteanu S., Drag	Methods	2190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2020	Biosorption of reactive dyes	Horciu L.I., Blaga	Desalina	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	
2020	Enhanced growth and $\beta$ -galact	Ciobanu C.P., Bla	3 Biotec	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	
2020	Preliminary evaluation and stu	Estevinho B.N., La	Powder	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	4	4	
2019	Enhancement of fumaric acid p	Ciobanu C., Tucali	Studia U	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	Mupirocin: applications and p	Tucaliuc A., Blaga	Biotechnology Let		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	3	
2018	Microencapsulation of Curcu	Bucurescu A., Bla	Food an	11	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	16	28	1	29	
2018	Valorization of microalgal bio	Blaga A.C., Casca	Environm	17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	0	4	
2018	Enhancement of ergosterol pr	Blaga A.C., Cioba	Biochem	131	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	5	12	0	12	
2018	Study on rosmarinic acid seps	Kloetzer L., Bomp	Separati	53	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	0	4	
2018	Diffusional effects on anaerob	Cascaval D., Blag	Environm	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	Chemical stability of vitamin E	Cascaval D., Post	IFMBE F	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
2016	Improvement of enzymatic coi	Galaction A.-I., Kl	Separati	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
2016	Distribution of Mixing Efficie	Matran R.M., Gal	Chemical	203	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	
2016	Soluble vitamins (vitamin B12	Estevinho B.N., C	Powder	289	0	0	0	0	0	0	0	0	0	0	5	8	9	11	14	12	59	2	61	
2016	Comparative study on pantot	Postaru M., Bomp	Chemical	30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	
2016	Synergic effects on pantoth	Galaction A.-I., Po	Bulletin c	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	Separation of rosmarinic acid	Galaction A.-I., Po	Food an	34	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	
2015	Effect of bed configuration o	Galaction A.-I., Bl	Korean J	32	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	
2015	Simple eco-friendly $\beta$ -galacto	Belhacene K., Gro	Environm	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3	
2015	Comparative studies on kineti	Matran R.-M., Bla	Environm	14	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	2	
2015	Distribution of mixing efficien	Cascaval D., Matr	Canadian	93	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	
2014	Separation of rosmarinic acid	Postaru M., Blaga	21st Inter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	Influence of aqueous phase vis	Carlescu A., Kloet	21st Inter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	Applications of pneumatic bio	Galaction A.-I., M	Environm	13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	
2014	Engineering aspects of penici	Galaction A.-I., M	Chemical	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	Interfacial Mass Transfer in th	Carlescu A., Blaga	Separati	49	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	
2013	Biosorption of reactive dye fr	Suteu D., Blaga A.	Central E	11	0	0	0	0	0	0	0	0	2	1	4	1	0	2	0	3	13	0	13	
2013	Comparative study on rosmar	Kloetzer L., Postar	Industria	52	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	5	0	5	
2013	Fractionation of carboxylic ac	Cascaval D., Post	Industria	52	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	3	0	3	
2013	Utilization of olive oil as a po	Folescu E., Blaga	Environm	12	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	4	0	4	
2012	6-Aminopenicillanic acid proc	Cascaval D., Turcu	Biochem	69	0	0	0	0	0	0	0	0	2	1	0	1	3	2	2	1	12	0	12	
2012	Study on influence of organic	Postaru M., Galac	CHISA 2012 - 20th		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	Selective separation of vitam	Blaga A.C., Malut	Journal c	57	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	6	0	6	
2012	Modeling of selective pertrac	Postaru M., Turcu	Environm	11	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	
2011	Study on facilitated pertrac	Galaction A.-I., Bl	Separati	46	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	2	
2010	[Selective separation of vitar	Blaga A.C., Galac	Revista r	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	Reactive extraction of 2-keto	Blaga A.C., Galac	Romania	15	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	3	0	3	
2010	Novel resin-based vacuum dis	Lin S.K.C., Du C., E	Green Ch	12	0	0	0	0	0	1	4	2	8	1	6	0	4	5	4	3	38	2	40	
2008	Separation of amino acids fro	Blaga A.-C., Galac	Chemical	22	0	0	0	0	2	1	3	1	1	0	4	0	0	1	0	0	13	0	13	
2007	Selective separation of gentai	Cascaval D., Galac	Separati	57	0	0	2	0	1	2	5	3	0	0	0	1	0	0	0	0	14	0	14	
2007	[Extraction and transport of l	Blaga A.-C., Galac	Revista c	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	Comparative study on reactiv	Cascaval D., Blaga	Separati	42	0	0	4	1	4	1	8	3	0	0	0	0	3	4	0	0	28	0	28	
2006	[The extraction and transport	Galaction A.I., Bla	Revista r	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	[Separation of vitamins by no	Galaction A.I., Bla	Revista r	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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**e.) NCO  $\geq 1$  (in calitate de Director proiect/ responsabil Proiect)**

**NCO = 1**

1. Separation of some vegetal and microbial compounds by non-conventional techniques - reactive extraction and facilitated pertraction, 2007-2008 (CNCSIS-TD) – Director de proiect (TD/33GR/23.05.2007 - valoare 23.000 RON (3,2785 – 7015 Euro) si 77GR/11.06.2008 – valoare 27.000 RON, 3.6673 – 7362 Euro) valoare totala grant **Euro 14377**

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**(Nume prenume si semnatura)**