FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE UAIC

Conform Anexei I din HS 8/27.03.2014

Conf. Dr. Habil. Mihăşan I Marius

PUNCTAJ TOTAL					**4602,63**
I. ACTIVITATEA DE CERCETARE (70%)					**6383,48**
II. ACTIVITATEA DIDACTICĂ (30%)					**447,30**
I.1. Articole ştiinţifice publicate in extenso în reviste cotate Web of Science cu factor de impact (60 puncte x factor de impact + 25) / număr autori			**IF**	**Nr aut.**	**Punctaj**
1	Mihasan, M.; Chiribau, C.-B.; Friedrich, T.; Artenie, V. & Brandsch, R. An NAD(P)H-nicotine blue oxidoreductase is part of the nicotine regulon and may protect Arthrobacter nicotinovorans from oxidative stress during nicotine catabolism	Applied and Environmental Microbiology, 2007, 73, 2479-2485	3,668	7	**35,011429**
2	Mihasan, M.; Ungureanu, E. & Artenie, V. Optimum parameters for overexpression of recombinant protein from tac promotors on autoinducible medium	Romanian Biotechnological Letters, 2007, 12, 3473-3482	0,404	3	**16,413333**
3	Mihasan, M. Basic Protein Structure Prediction For the Biologist: A Review	Archives of Biological Sciences, 2010, 62, 857-871	0,718	1	**68,08**
4	Mihasan, M. In-silico evidence of a pAO1 encoded pathway for the catabolism of tagatose derivatives in Arthrobacter	Biologia, 2010, 65, 760-767	0,827	1	**74,62**
5	Mihasan M What in silico molecular docking can do for the bench-biologist	Journal of Biosciences, 2012, 37(6), 1089-1095	2,309	1	**163,54**
6	Hritcu, L.; Stefan, M.; Brandsch, R. & Mihasan, M. 6-hydroxy-L-nicotine from Arthrobacter nicotinovorans sustain spatial memory formation by decreasing brain oxidative stress in rats	Journal of Physiology and Biochemistry, Springer Netherlands, 2013, 69, 25-34	1,969	4	**35,785**
7	Marius Mihasan, Marius Stefan, Lucian Hritcu, Vlad Artenie, Roderich Brandsch Evidence of a plasmid encoded oxidative xylose catabolic pathway in Arthrobacter nicotinovorans pAO1	Research In Microbiology, 2013, 164(1), 22-30	2,705	5	**37,46**
8	Mihasan M, Capatana Luminita, Elena Neagu, Marius Stefan, Lucian Hritcu In-silico identification of 6-hydroxy-L-nicotine as a novel neuroprotective drug	Romanian Biotechnological Letters, 2013, 2013, 18, 8333-8340	0,404	5	**9,848**
9	Marius Mihasan, Roderich Brandsch PAO1 of Arthrobacter nicotinovorans and the spread of catabolic traits by horizontal gene transfer in Gram-positive soil bacteria	Journal of Molecular Evolution, 2013, 77, 22-30	1,68	2	**62,9**
10	Stefan, M.; Munteanu, N.; Stoleru, V. & Mihasan, M. Effects of inoculation with plant growth promoting rhizobacteria on photosynthesis, antioxidant status and yield of runner bean	Romanian Biotechnological Letters, 2013, 18, 8132-8143	0,404	4	**12,31**
11	Hritcu, L.; Noumedem, J.; Cioanca, O.; Hancianu, M.; Kuete, V. & Mihasan, M. Methanolic Extract of Piper nigrum Fruits Improves Memory Impairment by Decreasing Brain Oxidative Stress in Amyloid Beta(1-42) Rat Model of Alzheimers Disease	Cellular and Molecular Neurobiology, 2014, 34, 437-449	2,506	6	**29,226667**
12	Hritcu, L.; Stefan, M.; Brandsch, R. & Mihasan, M. Enhanced behavioral response by decreasing brain oxidative stress to 6-hydroxy-l-nicotine in Alzheimer's disease rat model.	Neuroscience Letters, 2015, 591, 41-47	2,03	4	**36,7**
13	Hritcu, Lucian; Noumedem, Jaurès A; Cioanca, Oana; Hancianu, Monica; Postu, Paula; Mihasan, Marius; Anxiolytic and antidepressant profile of the methanolic extract of Piper	Behavioral and Brain Functions, 11, 1- 13, 2015	1,972	6	**23,886667**
14	Mihasan M., bioinformatics-based molecular classification of arthrobacter plasmids	Cellular & Molecular Biology Letters, 20, 2015	1,593	1	**120,58**
15	Hritcu, L.; Bagci, E.; Aydin, E. & Mihasan, M. Antiamnesic and Antioxidants Effects of Ferulago angulata Essential Oil against Scopolamine-Induced Memory Impairment in Laboratory rats	Neurochemical research 40 (9), 1799-1809	2,593	4	**45,145**
16	Chiribau, C. B.; Mihasan, M.; Ganas, P.; Igloi, G. L.; Artenie, V. & Brandsch, R. Final steps in the catabolism of nicotine - Deamination versus demethylation of gamma-N-	Febs Journal, 2006, 273, 1528-1536	4,001	4	**66,265**

17	Ganas, P.; Mihasan, M.; Igloi, G. L. & Brandsch, R. A two-component small multidrug resistance pump functions as a metabolic valve during nicotine catabolism by Arthrobacter	Microbiology-sgm, 2007, 153, 1546-1555	2,557	4	**44,605**
18	Ganas, P.; Sachelaru, P.; Mihasan, M.; Igloi, G. L. & Brandsch, R. Two closely related pathways of nicotine catabolism in Arthrobacter nicotinovorans and Nocardioides sp	Archives of Microbiology, 2008, 189, 511-517	1,667	5	**25,004**
19	Stefan, M.; Dunca, S.; Olteanu, Z.; Oprica, L.; Ungureanu, E.; Hritcu, L.; Mihasan, M. & Cojocaru, D. Soybean (glycine Max [l] Merr.) Soybean Inoculation With Bacillus Pumilus Rs3 Promotes Plant Growth and Increases Seed Protein Yield: Relevance For Environmentally-friendly Agricultural	Carpathian Journal of Earth and Environmental Sciences, 2010, 5, 131-138	0,657	8	**8,0525**
20	Marius, S.; Lucian, H.; Marius, M.; Daniela, P.; Irina, G.; Romeo-Iulian, O.; Simona, D. & Viorel, M. Enhanced antibacterial effect of silver nanoparticles obtained by electrochemical synthesis in poly(amide-hydroxyurethane) media	Journal of Materials Science-materials In Medicine, 2011, 22, 789-796	2,587	8	**22,5275**
21	Hritcu, L.; Stefan, M.; Ursu, L.; Neagu, A.; Mihasan, M.; Tartau, L. & Melnig, V. Exposure to silver nanoparticles induces oxidative stress and memory deficits in laboratory rats	Central European Journal of Biology, 2011, 6, 497-509	0,71	7	**9,6571429**
22	Hritcu, L.; Foyet, H. S.; Stefan, M.; Mihasan, M.; Asongalem, A. E. & Kamtchouing, P. Neuroprotective effect of the methanolic extract of Hibiscus asper leaves in 6-	Journal of Ethnopharmacology, 2011, 137, 585-591	2,998	6	**34,146667**
23	Hritcu, L.; Ciobica, A.; Stefan, M.; Mihasan, M.; Palamiuc, L. & Nabeshima, T. Spatial memory deficits and oxidative stress damage following exposure to lipopolysaccharide in a rodent	Neuroscience Research, 2011, 71, 35-43	1,937	6	**23,536667**
24	Cobzaru, C.; Ganas, P.; Mihasan, M.; Schleberger, P. & Brandsch, R. Homologous gene clusters of nicotine catabolism, including a new omega-amidase for alpha-	Research In Microbiology, 2011, 162, 285-291	2,705	5	**37,46**
25	Stefan, M.; Melnig, V.; Pricop, D.; Neagu, A.; Mihasan, M.; Tartau, L. & Hritcu, L. Attenuated effects of chitosan-capped gold nanoparticles on LPS-induced toxicity in laboratory rats	Materials Science and Engineering: C, 2013, 33, 550-556	0,615	7	**8,8428571**
26	Stefan, M.; Munteanu, N.; Stoleru, V.; Mihasan, M. & Hritcu, L. Seed inoculation with plant growth promoting rhizobacteria enhances photosynthesis and yield of runner bean (Phaseolus	Scientia Horticulturae, 2013, 151, 22 – 29	1,365	5	**21,38**
27	Hancianu, M.; Cioanca, O.; Mihasan, M. & Hritcu, L. Phytomedicine, 2013, - Neuroprotective effects of inhaled	Phytomedicine, 2013, 20, 446-452	3,126	4	**53,14**
28	Jaurès AK Noumedem, Marius Mihasan, Stephen T Lacmata, Marius ¿tefan, Jules R Kuiate and Victor Kuete - Antibacterial activities of the methanol extracts of ten Cameroonian vegetables against gram-negative multidrug-resistant bacteria	BMC Complementary and Alternative Medicine 2013, 13, 26	2,02	6	**24,366667**
29	Noumedem, J.; Mihasan, M.; Kuiate, J.; Stefan, M.; Cojocaru, D.; Dzoyem, J. & Kuete, V. In Vitro antibacterial and antibiotic-potentiation activities of four edible plants against multidrug-	BMC Complementary and Alternative Medicine	2,02	7	**20,885714**
30	Cioanca, O.; Hritcu, L.; Mihasan, M. & Hancianu, M. Cognitive-enhancing and antioxidant activities of inhaled coriander volatile oil in amyloid ?(1-42) rat model of Alzheimer's disease	Physiology & Behavior, 2013, 120, 193-202	2,976	4	**50,89**
31	Cioanca, O.; Hritcu, L.; Mihasan, M.; Trifan, A. & Hancianu, M. Inhalation of coriander volatile oil increased	Physiology & Behavior , 2014, -	2,976	5	**40,712**
32	O Cioanca, M Hancianu, M Mihasan, L Hritcu, - Anti-acetylcholinesterase and Antioxidant Activities of Inhaled Juniper Oil on Amyloid Beta (1–42)-Induced Oxidative Stress in	NEUROCHEMICAL RESEARCH 40 (9): 1799-1809	2,593	4	**45,145**
33	Ana Cioanca, Cornelia Mircea, Lucian Hritcu, Adriana Trifan, Marius Mihasan, Ana Clara Aprotosoaie, Silvia Robu, Elvira	Farmacia, 63(1):34-39 2015	1,005	9	**9,4777778**
34	Mihalache, Gabriela; Zamfirache, Maria-Magdalena; Mihasan, Marius; Ivanov, Iuliu; Stefan, Marius; Raus, Lucian; Phosphate-solubilizing bacteria associated with runner bean rhizosphere	Archives of Biological Sciences, 0, 38-38, 2015	0,718	7	**9,7257143**
35	Hritcu, Lucian and Hancianu, Monica and Mihasan, Marius and Cioanca, Oana, Effects of inhaled juniper volatile oil in amyloid	Flavour and Fragrance Journal	1,97	4	**35,8**
36	Beppe, Galba J and Dongmo, Alain B and Foyet, Harquin S and Dimo, Theophile and Mihasan, Marius and Hritcu, Lucian, The aqueous extract of Albizia adianthifolia leaves attenuates 6-hydroxydopamine-induced anxiety, depression and oxidative stress in rat amygdala	BMC Complementary and Alternative Medicine, 2015, 15(1):374	2,02	6	**24,366667**
37	Bagci, Eyup and Aydin, Emel and Mihasan, Marius and Maniu, Calin and Hritcu, Lucian, Anxiolytic and antidepressant-like effects of Ferulago angulata essential oil in the scopolamine	Flavour and Fragrance Journal, 2016, 31(1):70*-80	1,97	5	**28,64**

38	Babii, C and Bahrin, L G and Neagu, A-N and Gostin, I and Mihasan, M and Birsa, L M and Stefan, M, Antibacterial activity and proposed action mechanism of a new class of synthetic tricyclic flavonoids.	Journal of applied microbiology, 2016 Mar;120(3):630-637	2,479	7	**24,82**
39	Hritcu, L.; Hancianu, M.; Mihasan, M. & Cioanca, O. Effects of inhaled juniper volatile oil in amyloid beta (1-42)-induced anxiety and depression in laboratory rats	Flavour and Fragrance Journal, 2016, 31, 149-157; DOI: 10.1002/ffj.3294;	1,693	4	**31,645**
40	Caliga, R.; Maniu, C. L. & Mihasan, M. ELF-EMF exposure decreases the peroxidase catalytic efficiency in vitro	Open Life Sciences (formerly Central European Journal of Biology), 2016, 11, 71-77; DOI:	0,814	3	**24,613333**
41	Mihasan, M. & Brandsch, R. A predicted T4 secretion system and conserved DNA-repeats identified in a subset of related Arthrobacter plasmids	Microbiological Research , 2016, 191, 32 – 37; DOI: 10.1016/j.micres.2016.05.008; Accession	2,723	2	**94,19**
42	Bagci, E.; Aydin, E.; Mihasan, M.; Maniu, C. & Hritcu, L. Anxiolytic and antidepressant-like effects of Ferulago angulata essential oil in the scopolamine rat model of Alzheimer's disease	Flavour and Fragrance Journal, 2016, 31, 70-80; DOI: 10.1002/ffj.3289;	1,69	5	**25,28**
43	Mihăşan M, Babii C, Aslebagh R, Channaveerappa D, Dupree E, Darie CC. 2018. Proteomics based analysis of the nicotine catabolism in Paenarthrobacter nicotinovorans pAO1,	Scientific Reports, 2018 8:16239	4,12	6	**45,386667**
44	Postu, PA, Noumedem, JAK, Cioanca, O, Hancianu, M, Mihasan, M, Ciorpac, M, Gorgan, DL, Petre, BA, Hritcu, L., Lactuca capensis reverses memory deficits in A beta 1-42-induced an animal model of Alzheimer's disease,	Journal of Cellular and Molecular Medicine, 2018 22(1):111-122	4,30	9	**31,457778**
45	Craita Maria Rosu, Mihaela Avadanei, Daniela Gherghel, Marius Mihasan, Cosmin Mihai, Adriana Trifan, Anca Miron, Gabriela Vochita - Biodegradation and Detoxification Efficiency of Azo-Dye Reactive Orange 16 by Pichia kudriavzevii CR-Y103,	Water, Air, & Soil Pollution, 2018, 229:15	1,77	8	**16,3925**
46	Ionita R, Postu PA, Mihasan M, Gorgan DL, Hancianu M, Cioanca O, Hritcu L. 2018. Ameliorative effects of Matricaria chamomilla L. hydroalcoholic extract on scopolamine-induced memory impairment in rats: A behavioral and molecular study.	Phytomedicine, 2018, 47:113–120.	3,61	7	**34,514286**
47	Rosu, CM (Rosu, Craita Maria); Vochita, G (Vochita, Gabriela); Mihasan, M (Mihasan, Marius); Avadanei, M (Avadanei, Mihaela); Mihai, CT (Mihai, Cosmin Teodor); Gherghel, D (Gherghel, Daniela). Performances of Pichia kudriavzevii in decolorization, biodegradation, and detoxification of CI Basic Blue 41 under optimized cultural conditions	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 26 Issue: 1 Pages: 431-445 Published: JAN 2019	2,914	6	**33,306667**
Total					**1777,739198**

4. Articole ştiinţifice publicate in extenso în volumele conferinţelor

	indexate ISI: 30 puncte / număr autori	**Autori**	Punctaj
1	Kelly L. Wormwood, Armand Gatien Ngounou Wetie, Marcus Vinicius Gomez, Yue Ju, Paul Kowalski, Marius Mihasan, Costel C. Darie - Structural Characterization and Disulfide Assignment of Spider Peptide Phα1β by Mass Spectrometry, Journal of The American Society for Mass Spectrometry, 2018 29(5):827-841	**7**	4,2857143

3	**Articole ştiinţifice publicate in extenso în reviste clasificate CNCSIS B+ şi BDI (15 puncte / număr autori)**		
1	Artenie, V. & Mihasan, M. PRELIMINARY DATA REGARDING THE KINETIC PROPERTIES OF	2	7,5
2	Mihasan, M. & Stefan, M. The evolution of total soluble proteins content during the	2	7,5
3	Mihasan, M.; Nita, A. & Artenie, V. OPTIMAL PARAMETERS FOR PLASMID DNA	3	5
4	Mihasan, M. & Artenie, V. Computer-based modeling for sugar preferences of an	2	7,5
5	Mihasan, M.; Hritcu, L.; Artenie, V.; Ciobica, A.; Stefan, M. & Gorgan, L. Bacterial	6	2,5
6	Mihasan, M., Artenie, V. Roderich, Bradsch – Purification of a novel aldehide-dehidrogenase	3	5
7	Mihasan, M.; Artenie, V. & Olteanu, Z. In- silico identification of key residues for shifting the	3	5
8	Olteanu, Z.; Scutaru, M. & Mihasan, M. Chemical and biochemical indicators in the	3	5
9	Mihasan, M.; Stefan, M.; Artenie, V. & Brandsch, R. Cloning and purification of a repressor	4	3,75
10	Lobiuc, A.; Zanovia, O. & Mihasan, M. Studies regarding cellulolytic enzymes production by	3	5
11	Mihasan, M.; Artenie, V. & Brandsch, R. Cloning and purification of a tetrameric	3	5
12	Mihasan, M.; Stefan, M. & Artenie, V. Experimental evidence of a xylose-catabolic pathway on	3	5

13	Andrei, A. & Mihasan, M. Molecular gene cloning of nicotine-dehidrogenase from the pAO1	2	7,5
14	Constantin, O. M. & Mihasan, M. Gene cloning of a putative periplasmic sugar-binding protein	2	7,5
15	Boiangiu, R.; Guzun, D. & Mihasan, M. Time dependent accumulation of nicotine derivatives in	3	5
16	L Hritcu, M Stefan, A Ciobica, L Gorgan, M Mihasan, 2011, EFFECTS OF	5	3
17	Marius Stefan, GABRIELA MIHALACHE, NECULAI MUNTEANU, SIMONA DUNCA, MARIUS	5	3
18	Marius Stefan, Neculai Munteanu, Marius Mihasan, 2013, APPLICATION OF PLANT GROWTH-	3	5
1	Stefan, M.; Mihasan, M.; Raus, L.; Topa, D. & Dunca, S. Agriculture applications of some	5	3
2	Rosu, M. C.; Surdu, S.; Mihasan, M.; Olteanu, Z. & Oprica, L. Reproducibility and dose	5	3
3	Stefan, M.; Mihasan, M. & Dunca, S. Plant growth promoting rhizobacteria can inhibit the in	3	5
4	Olteanu, Z.; Rosu, C. M.; Mihasan, M.; Surdu, S. & Lacramioara, O. Preliminary consideration	5	3
5	Stefan, M.; Mihasan, M.; Raus, L.; Topa, D. & Hritcu, L. Rhizosphere bacteria help protein	5	3
6	Liteanu, A.; Mihasan, M. & Artenie, V. The importance of the double test in identification of	3	5
7	Achitei, E.; Stefan, M.; Mihasan, M.; Hritcu, L. & Dunca, S. Siderophores and indole-3- acetic	5	3
8	Apostu, A.; Petriman, N.; Iulian, T.; Mihasan, M.; Dunca, S. & Stefan, M. Isolation and	6	2,5
9	Hritcu, L.; Stefan, M.; Mihasan, M. & Brandsch, R. 6-hydroxy-L-nicotine from Arthrobacter	4	3,75
10	MC Rosu, S Surdu, M Mihasan, Z Olteanu, L Oprica, THE DECOLORIZATION MECHANISMS	5	3
Total			**129**

5. Cărţi ştiinţifice publicate (doar prima ediţie) edituri academice naţionale: 50 puncte la 100 pagini / număr autori		
	50 puncte la 100 pagini / număr autori	
1	Mihasan, M. - Megaplasmidul pAO1 - Structura si Functie Editura Universitatii Alexandru Ioan Cuza din Iasi,	**62,5**
	Total	**62,5**

9. Contracte de cercetare ştiinţifică în instituţii academice (universităţi, institute ale Academiei Române, institute naţionale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)

	1. contracte internaţionale – director: 100 puncte pentru fiecare 100.000 Euro;	**Suma**		**Pct**
	Contract de cooperare bilaterala Romania-China 50BM/2016, Nicotina – de la	24380		5,22
	2. Director director: 50 puncte pentru fiecare 500.000 lei	**Val.**	**Memb.**	**Punctaj**
1	UEFISCDI TD-236/2007 Unele inplicaţii moleculare ale megaplasmidului pAO1 în metabolsimul bacteriei Arthrobacter nicotinovorans	**40865**	**1**	**4,086533**
2	UEFISCDI PD-337/2010, Clonarea si caracterizarea cadrelor de lectura ORF32 and ORF40 de pe megaplasmidul pAO1 - potentiale modele de studiu a interactiunilor tagatoza-proteine, 2010-2012	**334719**	**1**	**33,471875**
3	PN-II-RU-TE-2014-4-0106 Efectele 6-hidroxi-nicotinei asupra neurotoxicităţii şi stresului oxidativ indus de clorizondamină: relevanţă pentru boala Alzheimer Număr de contract: 122/01.10.2015	**327110**	**1**	**32,711**
4	PN-III-P2-2.1-PED-2016-0177 Dezvoltarea unei biotehnologii bazate pe microorganismul Arthrobacter nicotinovorans pentru producerea de compusi neuro-protectivi Număr de contract: 175PED din 28/08/2017	**475000**	**1**	**47,5**
5	PN-III-P2-2.1-TE-2016-0367 - Developing an Arthrobacter nicotinovorans biotechnology for neuro-pharmaceuticals production	**207995**	**1**	**20,7995**
	2. Membru - 50 puncte pentru fiecare 500.000 lei / numărul de membri			
1	Impactul unor tulpini rizobacteriene asupra proceselor de crestere si dezvoltare la plante de soia (Glycine max L. Merr.), PN II – IDEI, cod CNCSIS 85, Director proiect lect. Dr, Stefan M, 2007-2010, 5 membri	**136100**	**5**	**2,722**
2	Impactul unor superantigene de origine bacteriană asupra statusului fiziologic al organismului animal, PN II – IDEI, cod CNCSIS 85 Director proiect lect. Dr, Hritcu Lucian, 5 membri, 2009-2011	**175000**	**5**	**7**
3	Studiul complex al filosferei unor specii de plante din colectiile Gradinii Botanice Iasi, PN II – IDEI, cod CNCSIS 2100, director proiect prof dr. Maria Magdalena Zamfirache, 2009-2011	**308764**	**5**	**12,350544**
		Total	**160,6414516**	

12. Citări şi recenzii ale lucrărilor ştiinţifice (Conform Google Scholar)

a.	**in reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare**			
		IF	**Nr aut.**	**Punctaj**
	M Mihasan, CB Chiribau, T Friedrich, V Artenie, R Brandsch – An NAD (P) H-nicotine blue oxidoreductase is part of the nicotine regulon and may protect Arthrobacter nicotinovorans from oxidative stress during nicotine catabolism, Applied and			
	Onyenwoke, R. U., Geyer, R., & Wiegel, J. (2009). Characterization of a soluble oxidoreductase from the thermophilic bacterium Carboxydothermus ferrireducens. Extremophiles, 13(4), 687-693.	2,306	5	11,224
	Ding, L., Chen, J., Zou, J., Zhang, L., & Ye, Y. (2014). Dynamic metabolomic responses of Escherichia coli to nicotine stress. Canadian journal of microbiology, 60(8), 547-556.	1,221	5	6,884
	Dong Chunxia Diao Lingling Chen Yao Miao Jin to Liufang Ming Wang Bin , [Advances in bacteria and its application in industry nicotine degradation], "Modern Agricultural Science and		5	2

	Xia, Zhenyuan, Zhang, Wei, Lei, Liping, Liu, Xingzhong, Wei, Hai-Lei, "Genome-wide investigation of the genes involved in nicotine metabolism in Pseudomonas putida J5 by Tn5	3,337	5	15,348
	Xiexiao Yang Zhiwen Xu Bo (2009). [Molecular biology of nicotine degradation progress], Anhui Agricultural Sciences, 35, 17336-17339		5	2
	Schwartz, Joel, et al. "Dose Related Effect of Actinomycete Extracts, Tobacco Derived Carcinogens and Nicotine on Human Papilloma-virus 16 Entry into Epithelium." J Cancer Stud		5	2
	M Mihasan, E Ungureanu, V Artenie, Optimum parameters for overexpression of recombinant protein from tac promotors on autoinducible medium, Romanian Biotechnological Letters 12 (6), 3473			
	Ariff, Rafidah Mohd, et al. "cultivation conditions for phytase production from Recombinant Escherichia coli DH5α." Microbiology insights 6 (2013): 17		3	3,333333333
	Mihasan, M. Basic Protein Structure Prediction For the Biologist: A Review Archives of Biological Sciences, 2010, 62, 857-871			
	Kyani, A., Mehrabian, M., & Jenssen, H. (2012). Quantitative Structure–Activity Relationships and Docking Studies of Calcitonin Gene-Related Peptide Antagonists. Chemical biology & drug	2,485	1	59,7
	Choudhary, Sharda, Geetika Jethra, and R. S. Meena. "In-silico scrutiny of cumin (Cuminum cyminum L.) protein structure-GQ 33." Research on Crops 15.3 (2014).		1	10
	Fatemeh Sefid, Iraj Rasooli, and Abolfazl Jahangiri, "In Silico Determination and Validation of Baumannii Acinetobactin Utilization A Structure and Ligand Binding Site," BioMed Research	1,579	1	41,58
	Saeed, B. N., and H. Q. Rabail. "Are specialized servers better at predicting protein structures than stand alone software?." African Journal of Biotechnology 11.53 (2016): 11625-11629.		1	10
	Al-Akwaa, Fadhl M., et al. "Comparison of the 3D Protein Structure Prediction Algorithms. Int. Journal of Engineering Research and Applications, Vol. 4, Issue 2(Version 1), February 2014,		1	10
	Choudhary, Sharda, et al. "Secondary and tertiary structure prediction of fenugreek (Trigonella foenum-graecum) protein." Legume Research-An International Journal 39.1 (2016).	0,146	1	12,92
	Jethra, G, Choudhary, S, Singh, P, Adwany, S, Panwar, A, Structural and functional modeling of protein in cumin (Cuminum cyminum), INDIAN JOURNAL OF AGRICULTURAL	0,141	1	12,82
	Mihasan, M. What in silico molecular docking can do for the bench-working biologists? J. Biosci, 2012, 37, 1089-1095			
	Shaikh, S. A., Li, J., Enkavi, G., Wen, P. C., Huang, Z., & Tajkhorshid, E. (2013). Visualizing functional motions of membrane transporters with molecular dynamics simulations.	3,015	1	70,3
	Bauer, M. R., Ibrahim, T. M., Vogel, S. M., & Boeckler, F. M. (2013). Evaluation and Optimization of Virtual Screening Workflows with DEKOIS 2.0–A Public Library of	3,738	1	84,76
	Bai, Q., Shao, Y., Pan, D., Zhang, Y., Liu, H., & Yao, X. (2014). Search for β2 Adrenergic Receptor Ligands by Virtual Screening via Grid Computing and Investigation of Binding Modes	3,234	1	74,68
	Arikkatt, S. D., Chandran, M., Bhat, A. R., & Krishnakumar, K. (2014). Synthesis and molecular docking studies of few novel Pyrimidine derivatives. Journal of Pharmacy Research,		1	10
	Saluk, J., Bijak, M., Ponczek, M. B., Nowak, P., & Wachowicz, B. (2013). (1→ 3)-β-d-Glucan reduces the damages caused by reactive oxygen species induced in human platelets by	4,047	1	90,94
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	Kuete, V. (2014). 22—physical, hematological, and histopathological signs of toxicity induced by African medicinal plants,". Toxicological Survey of African Medicinal Plants, 635-657.		6	8,3333333
	Kuete, V. (2014). 21-Health effects of alkaloids from African medicinal plants,". Toxicological Survey of African Medicinal Plants, 611-633.		6	8,3333333
	Cioanca, O.; Hritcu, L.; Mihasan, M. & Hancianu, M. Cognitive-enhancing and antioxidant activities of inhaled coriander volatile oil in amyloid ?(1-42) rat model of Alzheimer's disease Physiology & Behavior, 2013, 120, 193-202			

	Cacabelos, R., Cacabelos, P., Torrellas, C., Tellado, I., & Carril, J. C. (2014). Pharmacogenomics of Alzheimer's disease: Novel therapeutic strategies for drug development. In				4	12,5
				Total	**401,79**	
13. Lucrări susţinute în calitate de invitat la manifestări ştiinţifice (conferinţe, congrese, simpozioane, seminarii şi ateliere de lucru)						
	în străinătate: 25 puncte pentru fiecare activitate					
	Mihasan, M. Molecular classification and comparative analysis of Arthrobacter genus plasmids The X th International Congress of Geneticists and Breeders Chisinau, 28 June - 1 July, 2015					25
	Arthrobacter nicotinovorans as a tool for sustainable production of value-added chemicals 30th Annual CAMP Technical Meeting, The Inn on the Lake, Canandaigua, NY, May 18, 2017, 2017					25
	în ţară: 10 puncte pentru fiecare activitate					
	Marius Mihasan, Marius Stefan, Roderich Brandsch, Lucian Hritcu, 2012 - Identification of 6-hydroxi-nicotine as a novel neuroprotectant with antioxidant properties, 4th International Congress and 30th Annual Scientific Session of RSCB, Satu Mare (Romania) and Debrecen (Hungary)					10
	Marius Mihasan, Roderich Brandsch - Molecular evolution and biotechnological applications of Paenarthrobacter nicotinovorans pAO1 megaplasmid, 2nd Romanian Bioinformatics Seminar, April 18-19, Bucharest, Romania					10
	Marius Mihăşan, Cornelia Babii, Roshanak Aslebagh, Devika Channaveerappa, Emmalyn Dupree, Costel C. Darie, Proteomics based analysis of the nicotine catabolism in Paenarthrobacter nicotinovorans pAO1, Conferinta Natională a SRBBM, Iasi					
				Total	**70,00**	
14. Profesor/cercetător invitat la universităţi/institute de cercetare – strainatate 25 puncte/activitate						
1	Mihasan, M. Arthrobacter nicotinovorans pAO1 - Why do we need its proteome? Clarkson University, Department of Chemistry & Biomolecular Sciences, Host Dr. Costel C. Darie, March 2017, Potsdam, NY. 2017					**25**
2	Mihasan, M. Arthrobacter nicotinovorans pAO1 - Why do we need its proteome? State Unversity of New York, Department of Chemistry, Host Dr. Fadi Bou-Abdallah, April 2017, Potsdam, NY. 2017					**25**
3	Mihasan, M. Arthrobacter nicotinovorans pAO1 - Why do we need its proteome? Clarkson University, School of Arts & Sciences, Host Dr. Costel C. Darie, April 2017, Potsdam, NY. 201					**25**
4	Mihasan, M. Arthrobacter nicotinovorans pAO1as a tool to produce neuroactive compounds, Biology Dept., St Lawrence University, Host Dr. Babasola Fateye, April 18, 2017, Canton, NY					**25**
5	Mihasan, M. Arthrobacter nicotinovorans pAO1- a tool for sustainable production of value-added chemicals, Biology, Clarkson University, Department of Biology, Host Dr. Kenneth Wallace, April 21 2017, Potsdam, NY 201					**25**
6	Mihasan, M. Arthrobacter nicotinovorans pAO1- Why do we need its proteome? State Unversity of New York, Department of Biology, Host Dr. Robert Ewy, May 3 2017, Potsdam, NY					**25**
7	Mihasan, M. Paenarthrobacter nicotinovorans pAO1 a tool for sustainable production of value-added chemicals, Shanghai Jiao Tong University, School of Life Science & Biotechnology, Host Dr. Honghzi Tang, November 2017, Shanghai, China. 2017					**25**
8	Marius, M. Paenarthrobacter nicotinovorans pAO1 - surprising applications of a soil bacteria, Microbial Biotechnology Group, Faculty of Natural & Agricultural Sciences, North-West University, Host Olubukola O. Babalola, Mmabatho, South Africa, October 2017					**25**
9	Mihasan, M. A surprisingly useful soil microorganism: Paenartharobacter nicotinovorans pAO1,IUT Lille, Host Dr. Francois Krier, December 2019, Lille, France					**25**
	t			**Total**		**225**
15.Editor, Membru în Editorial Board						
Editor Anale şi reviste UAIC (15 puncte pentru fiecare revistă şi editură)						
	Membru in Editorial Board laJournal of Experimental and Molecular Biology, revista CNCSIS B+					15
Editor reviste necotate (Editor 10 puncte / Membru Editorial Board: 5 puncte pentru fiecare revistă)						
	Membru in Editorial Board la **American Journal of Current Microbiology** , revista indexata in CAB					10
	Membru in Editorial Board la **Computational Biology and Bioinformatics** , revista indexata in CAB					10
				Total	**35**	
17. Premii ale Academiei Române 20 puncte / categorie / număr persoane						
	Premiul Emil Racovita pentru monografia Megaplasmidul pAO1 – structura si functie, 2013					50
18. Alte premii naţionale (CNCSIS, Uniunea Scriitorilor, Academii de Ramură) - 15 puncte / categorie						
	Premiu CNCSIS PNII-RU-PRECISI-2011-3-0941 Hritcu, L.; Foyet, H. S.; Stefan, M.; Mihasan, M.;					20
	Premiu CNCSIS PNII-RU-PRECISI-2011-3-0052 pentru articolul Cobzaru, C.; Ganas, P.; Mihasan, M.;					20
	Mentiune la concursul Idei Stiintifice Inovative organizat de Academia Oamenilor de Stiinta din Romania si					20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1735 pentru articolul pAO1 of Arthrobacter nicotinovorans and					20
	Premiu CNCSISPN-II-RU-PRECISI-2013-7-1738 pentru articolul What in silico molecular docking can do for					20
	Premiu CNCSISPN-II-RU-PRECISI-2013-7-1778 pentru articolul Antibacterial activities of the methanol					20
	Premiu CNCSISPN-II-RU-PRECISI-2013-7-1800 pentru articolul In Vitro antibacterial and antibiotic-					20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1884 - Evidence of a plasmid-encoded oxidative xylose-					20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1830 - PN-II-RU- DA pozitia 172					20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1831 - PN-II-RU- DA pozitia 173					20
	Premiul UAIC Tanar cercetator al anului 2014					20

	Mentiune la concursul Idei Stiintifice Inovative organizat de Academia Oamenilor de Stiinta din Romania si			20
	Distinctia "Profesor de nota 10" pentru activitatea didactica si de cercetare stiintifica la manifestarea 10			20
		Total	**220**	
Total activitate de cercetare			**6383,480102**	
II. ACTIVITATEA DIDACTICĂ (30%)		**Total**	**447,3**	
2. Contribuţii la îmbunătăţirea activităţii didactice				
2. Tratate şi manuale universitare (30 puncte la 100 pagini)/numar autori		**Pagini**	**Autori**	**Punctaj**
	Mihasan, M, Stefan M., Olteanu Zenovia., Biologie Moleculară – Metode experimentale, Editura Universitatii Alexandru Ioan Cuza din Iasi, 2012, 360 pagini	**360**	**3**	**36**
	Zenovia Olteanu, Marius Mihăşan - Chimie Generală – manual de lucrări practice, Editura Tehnopres, Iasi, 2014, 242 pag	**242**	**2**	**36,3**
		Total	**72,3**	
2. Proiecte didactice (înfiinţare dotare cu dovezi demonstrabile laboratoare licenţă, master, săli Workshop, biblioteci				
	Infiintarea su dotarea laboratorului de biologie moleculara B128, laborator in care si-			**40**
	Dotarea laboratorului B225 distilator de apa (Fstream, valoare achizitie 19416.54 lei)			**40**
	Dotarea laboratorului B224 cu sistem cromatografic FPLC Pharmacia LKB, cu			**40**
	Colectie de reviste de stiinta si de promovarea a stiintei Nature Methods – 75 de buc			**40**
	Infiintare expozitie/muzeu tehnica de cercetare, vizibil langa sala B224 si on line la			**40**
		Total	**200**	
2.3. Materiale suport curs, seminar, lucrări practice şi programe analitice, detaliate				
	Suport curs (format electronic) şi prezentări PowerPoint, CHIMIE GENERALĂ – Anul I cursuri de zi ecologie			10
	Suport lucrări practice CHIMIA MEDIULUI, Anul I cursuri de zi (ecologie)			10
	Suport curs (format electronic) şi prezentări PowerPoint, Atmosfera si Calitatea Aerului – Anul III, cursuri de			10
	Suport lucrări practice si programa analitica laborator Metaboliti secundari, An II, Biochimie, cursuri de zi			10
	Suport curs (format electronic) şi prezentări PowerPoint, Chimia Mediului – Anul III, cursuri de zi ecologie			10
	Suport curs (format electronic) şi prezentări PowerPoint, Chimie Anorganica – Anul I, cursuri de zi, Biochimie			10
	Suport curs (format electronic) şi prezentări PowerPoint, Biologie Generala (Celulara si Moleculara) – Anul			10
	Suport lucrări practice si programa analitica laborator Chimie Anorganica, An I, Biochimie, cursuri de zi			10
	Suport curs - prezentări PowerPoint si suport Seminar Bioinformatica aplicata in Biologia Structurala			10
	Suport curs - prezentări Power point si support seminar Biochimie, An 1, Biochimie			10
	Suport curs - prezentări Power point si support seminar Structura si metabolismul macromoleculelor			10
	Suport curs - prezentări Power point si support seminar Proteomica			10
		Total	**120**	
2.4 Organizare de aplicaţii şi practică de specialitate				
	Coordonare practica de laborator student bursier Jaurès A.K. Noumedem - 2011			5
	Coordonare practica de laborator student Erasmus Julie Reghem - 2013			5
	Coordonare practica de laborator student Erasmus, Victor Baumont, 2015			5
	practică, de laborator, in cadrul programului Erasmul LLP, Mert Metin, 2018, Turcia			**5**
	practica de specialitate (biochimie), anul II – 2012			5
	practica de specialitate (biochimie), anul I – 2013			5
	practica de specialitate (biochimie), anul I – 2014			5
	practica de specialitate (biochimie), anul I – 2015			5
	practică, de laborator, pentru licență, 2013, 3 studenți			5
	practică, de laborator, pentru licență, 2014, 4 studenți			5
	practică, de laborator, pentru licență, 2015, 3 studenți			5
		Total	**55**	

16.12.2019 Conf. Dr. Habil. Marius Mihășan