

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE UAIC

Mihășan I Marius, Șef lucrări Dr.

PUNCTAJ TOTAL	4170,66
I. ACTIVITATEA DE CERCETARE (60%)	5807,10
II. ACTIVITATEA DIDACTICĂ (30%)	352,30

I.1. Articole științifice 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 <i>Arthrobacter nicotinovorans</i> from oxidative stress during nicotine catabolism	Applied and Environmental Microbiology, 2007, 73, 2479-2485	3,668	7	35,01143
2	Mihasan, M.; Ungureanu, E. & Artenie, V. Optimum parameters for overexpression of recombinant protein from tac promoters on autoinducible medium	Romanian Biotechnological Letters, 2007, 12, 3473-3482	0,404	3	16,41333
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 <i>Arthrobacter nicotinovorans</i> 760-767	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 <i>Arthrobacter nicotinovorans</i> 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 <i>Arthrobacter nicotinovorans</i> 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 <i>Arthrobacter nicotinovorans</i> 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	29,22667
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 nigrum fruits in beta-amyloid (1–42) rat model of Alzheimer's disease	Behavioral and Brain Functions, 11, 1- 13, 2015	1,972	6	23,88667
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
1	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-methylaminobutyrate	Febs Journal, 2006, 273, 1528-1536	4,001	4	66,265
2	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 nicotinovorans	Microbiology-sgm, 2007, 153, 1546-1555	2,557	4	44,605
3	Ganas, P.; Sachelaru, P.; Mihasan, M.; Igloi, G. L. & Brandsch, R. Two closely related pathways of nicotine catabolism in Arthrobacter nicotinovorans and Nocardioide sp strain JS614	Archives of Microbiology, 2008, 189, 511-517	1,667	5	25,004
4	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 Applications Carpathian Journal of Earth and Environmental Sciences, 2010, 5, 131-138	Carpathian Journal of Earth and Environmental Sciences, 2010, 5, 131-138	0,657	8	8,0525

5	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
6	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	9,657143
7	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-hydroxydopamine-lesioned rat model of Parkinson's disease	Journal of Ethnopharmacology, 2011, 137, 585-591	2,998	6	34,14667
8	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 model of Parkinson's disease	Neuroscience Research, 2011, 71, 35-43	1,937	6	23,53667
9	Cobzaru, C.; Ganas, P.; Mihasan, M.; Schleberger, P. & Brandsch, R. Homologous gene clusters of nicotine catabolism, including a new omega-amidase for alpha-ketoglutaramate, in species of three genera of Gram-positive bacteria	Research In Microbiology, 2011, 162, 285-291	2,705	5	37,46
10	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	8,842857
11	Stefan, M.; Munteanu, N.; Stoleru, V.; Mihasan, M. & Hritcu, L. Seed inoculation with plant growth promoting rhizobacteria enhances photosynthesis and yield of runner bean (<i>Phaseolus coccineus</i> L.)	Scientia Horticulturae, 2013, 151, 22 - 29	1,365	5	21,38
12	Hancianu, M.; Cioanca, O.; Mihasan, M. & Hritcu, L. Phytomedicine, 2013, - Neuroprotective effects of inhaled lavender oil on scopolamine-induced dementia via anti-oxidative activities in rats	Phytomedicine, 2013, 20, 446-452	3,126	4	53,14
13	Jaurès AK Noumedem, Marius Mihasan, Stephen T Lacmata, Marius Țtefan, 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	24,36667
14	Noumedem, J.; Mihasan, M.; Kuiate, J.; Stefan, M.; Cojocar, D.; Dzoyem, J. & Kuete, V. In Vitro antibacterial and antibiotic-potential activities of four edible plants against multidrug-resistant gram-negative species	BMC Complementary and Alternative Medicine	2,02	7	20,88571
15	Cioanca, O.; Hritcu, L.; Mihasan, M. & Hancianu, M. Cognitive-enhancing and antioxidant activities of inhaled coriander volatile oil in amyloid β (1-42) rat model of Alzheimer's disease	Physiology & Behavior, 2013, 120, 193-202	2,976	4	50,89

16	Cioanca, O.; Hritcu, L.; Mihasan, M.; Trifan, A. & Hancianu, M. Inhalation of coriander volatile oil increased anxiolytic?antidepressant-like behaviors and decreased oxidative status in beta-amyloid (1?42) rat model of Alzheimer's disease	Physiology & Behavior , 2014, -	2,976	5	40,712
17	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 the Rat Hippocampus,	NEUROCHEMICAL RE-SEARCH 40 (9): 1799-1809	2,593	4	45,145
18	Ana Cioanca, Cornelia Mircea, Lucian Hritcu, Adriana Trifan, Marius Mihasan, Ana Clara Aprotosoae, Silvia Robu, Elvira Gille, Monica Hancianu In Vitro – In Vivo Correlation Of The Antioxidant Capacity Of Salviae Aetheroleum Essential Oil	Farmacia, 63(1):34-39 2015	1,005	9	9,477778
19	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	9,725714
20	Hritcu, Lucian and Hancianu, Monica and Mihasan, Marius and Cioanca, Oana, Effects of inhaled juniper volatile oil in amyloid beta (1-42)-induced anxiety and depression in laboratory rats	Flavour and Fragrance Journal	1,97	4	35,8
21	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	24,36667
22	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 rat model of Alzheimer's disease	Flavour and Fragrance Journal, 2016, 31(1):70*-80	1,97	5	28,64
23	Babii, C and Bahrin, L G and Neagu, A-N and Gostin, I and Mihasan, M and Birsu, 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
Total					1440,953
3	Articole științifice publicate in extenso în reviste clasificate CNCIS B+ și BDI (15 puncte / număr autori)				
1	Artenie, V. & Mihasan, M. PRELIMINARY DATA REGARDING THE KINETIC PROPERTIES OF AN ALPHA-AMYLASE FROM ROBINIA PSEUDACACIA L. GERMINATED SEEDS Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 6, 2005, -			2	7,5
2	Mihasan, M. & Stefan, M. The evolution of total soluble proteins content during the germination of Glycine max L I. beans under the influence of some Rhizobacterial strains Revista Lucrari stiintifice. Seria Agronomie, 2008			2	7,5

3	Mihasan, M.; Nita, A. & Artenie, V. OPTIMAL PARAMETERS FOR PLASMID DNA PREPARATION USING THE ALKALINE LYSIS METHOD Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 8, No 2, 2007, -	3	5
4	Mihasan, M. & Artenie, V. Computer-based modeling for sugar preferences of an oxidoreductase from <i>Arthrobacter nicotinovorans</i> Pao1 plasmid Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 9, No 3, 2008, -	2	7,5
5	Mihasan, M.; Hritcu, L.; Artenie, V.; Ciobica, A.; Stefan, M. & Gorgan, L. Bacterial lipopolysaccharide enhanced immunological responsiveness in exposed rats Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 10, No 3, 2009, -	6	2,5
6	Mihasan, M., Artenie, V. Roderich, Bradsch – Purification of a novel aldehyde-dehydrogenase with wide substrate specificity Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 10, No 2, 2009, -	3	5
7	Mihasan, M.; Artenie, V. & Olteanu, Z. In-silico identification of key residues for shifting the coenzyme specificity of an aldehyde-dehydrogenase Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 11, No 4, 2010, 81-86	3	5
8	Olteanu, Z.; Scutaru, M. & Mihasan, M. Chemical and biochemical indicators in the characterization of polluted waters from the Bahlui River, Iasi city sector Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 11, No 4, 2010, -	3	5
9	Mihasan, M.; Stefan, M.; Artenie, V. & Brandsch, R. Cloning and purification of a repressor protein from <i>Arthrobacter nicotinovorans</i> pAO1 Analele Stiintifice ale Universitatii Alexandru Ioan Cuza; din Iasi Sec. II a. Genetica si Biologie Moleculara 2010, 12, 21-25	4	3,75
10	Lobiuc, A.; Zanovaia, O. & Mihasan, M. Studies regarding cellulolytic enzymes production by bacterial strains isolated from natural environments, grown in liquid media with raw and pretreated sawdust Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 11, No 4, 2010, -	3	5
11	Mihasan, M.; Artenie, V. & Brandsch, R. Cloning and purification of a tetrameric oxidoreductase from <i>Arthrobacter nicotinovorans</i> pAO1 Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 11, No 4, 2010, 1-5	3	5
12	Mihasan, M.; Stefan, M. & Artenie, V. Experimental evidence of a xylose-catabolic pathway on the pAO1 megaplasmid of <i>Arthrobacter nicotinovorans</i> Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 13, No 1, 2012, -	3	5
13	Andrei, A. & Mihasan, M. Molecular gene cloning of nicotine-dehydrogenase from the pAO1 megaplasmid of <i>Arthrobacter nicotinovorans</i> Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara, 2013, 14, 15-19	2	7,5
14	Constantin, O. M. & Mihasan, M. Gene cloning of a putative periplasmic sugar-binding protein from the pao1 megaplasmid of <i>Arthrobacter nicotinovorans</i> Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara, 2014, 15, 1-6	2	7,5
15	Boiangiu, R.; Guzun, D. & Mihasan, M. Time dependent accumulation of nicotine derivatives in the culture medium of <i>Arthrobacter nicotinovorans</i> pAO1 Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara, 2014, 15, 19-24	3	5

16	L Hritcu, M Stefan, A Ciobica, L Gorgan, M Mihasan, 2011, EFFECTS OF LIPOPOLYSACCHARIDE ADMINISTRATION ON GLUCOSE METABOLISM IN RATS. Annals of the Romanian Society for Cell Biology, 16(1):124-126	5	3
17	Marius Stefan, GABRIELA MIHALACHE, NECULAI MUNTEANU, SIMONA DUNCA, MARIUS MIHASAN, 2012- PHOSPHATE-SOLUBILISING RHIZOBACTERIA ASSOCIATED WITH PHASEOLUS COCCINEUS L. RHIZOSPHERE, Analele Stiintifice ale Universitatii "Al. I. Cuza" Din Iasi. (Serie Noua). Sectiunea 2. a. Genetica si Biologie Moleculara, 13(3):64-69	5	3
18	Marius Stefan, Neculai Munteanu, Marius Mihasan, 2013, APPLICATION OF PLANT GROWTH-PROMOTING RHIZOBACTERIA TO RUNNER BEAN INCREASES SEED CARBOHYDRATE AND PROTEIN YIELD, Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara 14(1):29-35	3	5
1	Stefan, M.; Mihasan, M.; Raus, L.; Topa, D. & Dunca, S. Agriculture applications of some rhizobacterial strains isolated from Moldavian plaine cambic - chernozemic soils Revista Lucrari stiintifice. Seria Agronomie, 2008, 51, 191-196	5	3
2	Rosu, M. C.; Surdu, S.; Mihasan, M.; Olteanu, Z. & Oprica, L. Reproducibility and dose dependency of the antitumoral pharmacodynamic effect of some autochthonous polysaccharidic or polyphenolic biopreparations of fungal and vegetal origin Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 9, No 4, 2008, -	5	3
3	Stefan, M.; Mihasan, M. & Dunca, S. Plant growth promoting rhizobacteria can inhibit the in vitro germination of Glycine max L. seeds Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 9, No 3, 2008, -	3	5
4	Olteanu, Z.; Rosu, C. M.; Mihasan, M.; Surdu, S. & Lacramioara, O. Preliminary consideration upon oxido-reductive system involved in aerobic biodegradation of some textile dyes Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 9, No 2, 2008, -	5	3
5	Stefan, M.; Mihasan, M.; Raus, L.; Topa, D. & Hritcu, L. Rhizosphere bacteria help protein accumulation in soybean seeds Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 10, No 2, 2009	5	3
6	Liteanu, A.; Mihasan, M. & Artenie, V. The importance of the double test in identification of high risk pregnancies for chromosomal diseases development Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara, 2011, 12, 31-37	3	5
7	Achitei, E.; Stefan, M.; Mihasan, M.; Hritcu, L. & Dunca, S. Siderophores and indole-3- acetic acid production by bacterial strains isolated from soybean rhizosphere Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara, 2010, 11, 59-65	5	3
8	Apostu, A.; Petriman, N.; Iulian, T.; Mihasan, M.; Dunca, S. & Stefan, M. Isolation and characterization of some rhizobacterial strains with phosphorus solubilizing capabilities Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; 2010, 11, 67-74	6	2,5
9	Hritcu, L.; Stefan, M.; Mihasan, M. & Brandsch, R. 6-hydroxy-L-nicotine from Arthrobacter nicotinovorans facilitate spatial memory formation in rats Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 11, No 4, 2010, -	4	3,75

10	MC Rosu, S Surdu, M Mihasan, Z Olteanu, L Oprica, THE DECOLORIZATION MECHANISMS OF RESIDUAL EFFLUENTS FROM TEXTILE INDUSTRIES BY CANDIDA INCOSNSPICUA ICB-5, Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara 9(4):69-74	5	3
Total			129

9. Contracte de cercetare științifică derulate doar prin Universitate finanțare programe interne:

	1. Director (valoarea lei contract anual / 2.000 lei)	Val.	Memb.	Punctaj
1	UEFISCDI TD-236/2007 Unele implicații moleculare ale megaplasmidului pAO1 în metabolismul bacteriei <i>Arthrobacter nicotinovorans</i>	40865,33	1	8,173066
2	UEFISCDI PD-337/2010, Clonarea și caracterizarea cadrelor de lectură ORF32 and ORF40 de pe megaplasmidul pAO1 - potențiale modele de studiu a interacțiunilor tagatoza-proteine, 2010-2012	334718,75	1	66,94375
3	PN-II-RU-TE-2014-4-0106 Efectele 6-hidroxi-nicotinei asupra neurotoxicității și stresului oxidativ indus de clorizondamină: relevanță pentru boala Alzheimer Număr de contract: 122/01.10.2015	327110	1	65,422
	2. Membru (valoarea lei contract anual / 2.000 lei / numărul membrilor echipei de cercetare)			
1	Impactul unor tulpini rizobacteriene asupra proceselor de creștere și dezvoltare la plante de soia (<i>Glycine max</i> L. Merr.), PN II – IDEI, cod CNCIS 85, Director proiect lect. Dr. Stefan M, 2007-2010, 5 membri	136100	5	5,444
2	Impactul unor superantigene de origine bacteriană asupra statusului fiziologic al organismului animal, PN II – IDEI, cod CNCIS 85 Director proiect lect. Dr. Hritcu Lucian, 5 membri, 2009-2011	175000	5	7
3	Studiul complex al filosofiei unor specii de plante din colecțiile Grădinii Botanice Iași, PN II – IDEI, cod CNCIS 2100, director proiect prof dr. Maria Magdalena Zamfirache, 2009-2011	308763,59	5	12,3505436
Total			165,3333596	

5. Cărți științifice publicate (doar prima ediție) edituri academice naționale: 50 puncte la 100 pagini / număr autori

1	Mihasan, M. - Megaplasmidul pAO1 - Structura și Funcție Editura Universității Alexandru Ioan Cuza din Iași, 2011, 125 pagini	62,5
4	Carte Stefan	
Total		62,5

12. Citări și recenzii ale lucrărilor științifice (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 <i>Arthrobacter nicotinovorans</i> from oxidative stress during nicotine catabolism, Applied and environmental microbiology 73 (8), 2479			
	Onyenwoke, R. U., Geyer, R., & Wiegel, J. (2009). Characterization of a soluble oxidoreductase from the thermophilic bacterium <i>Carboxydotherrmus ferrireducens</i> . <i>Extremophiles</i> , 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 Technology" 2011 11 42-46		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 transposon mutagenesis." Applied microbiology and biotechnology (2015): 1-12.	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 Ther 2.1 (2015): 1-15.		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	3,3333333
Mihasan, M. Basic Protein Structure Prediction For the Biologist: A Review Archives of Biological Sciences, 2010, 62, 857-871			
Kyani, A., Mehrabian, M., & Jensen, H. (2012). Quantitative Structure–Activity Relationships and Docking Studies of Calcitonin Gene-Related Peptide Antagonists. Chemical biology & drug design, 79(2), 166-176.	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 International, vol. 2013, Article ID 172784, 14 pages, 2013. doi:10.1155/2013/172784	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, pp.462-467		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
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13. Lucrări invitate la conferințe internaționale de prestigiu

în străinătate: 25 puncte pentru fiecare activitate			
Mihasan, M. Molecular classification and comparative analysis of Arthrobacter genus plasmids Book of Abstracts of The X th International Congress of Geneticists and Breeders Chisinau, 28 June - 1 July, 2015			25
în țară: 10 puncte pentru fiecare activitate			
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Total		35,00	

15. Editor, Membru în Editorial Board

Editor Anale și reviste UAIC (15 puncte pentru fiecare revistă și editură)

Membru in Editorial Board la Analele Stintifice ale Universității "Alexandru Ioan Cuza" din Iasi, Sectiunea II a. Genetică si Biologie Moleculară, revista CNCSIS B+	15
Editor reviste necotate (Editor 10 puncte / Membru Editorial Board: 5 puncte pentru fiecare revistă)	
Editor la Computational Biology and Bioinformatics Research , revista indexata in CAB Abstracts si in Index Copernicus - http://academicjournals.org/journal/JCBBR/editors	10
Membru in Editorial Board la American Journal of Current Microbiology , revista indexata in CAB Abstracts si in Index Copernicus http://ivyunion.org/index.php/ajcmicrob/about/editorialTeam	10
Membru in Editorial Board la Journal of Biotechnology Science Research , revista indexata in CAB Abstracts si in Index Copernicus http://www.jbsr.issres.net/editorial-board/	10

	Membru in Editorial Board la Computational Biology and Bioinformatics , revista indexata in CAB Abstracts si in Index Copernicus http://www.sciencepublishinggroup.com/journal/editorialboard.aspx?journalid=112	10
	Total	55
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 naționale (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.; Asongalem, A. E. & Kamtchouing, P Neuroprotective effect of the methanolic extract of Hibiscus asper leaves in 6-hydroxydopamine-lesioned rat model of Parkinson's disease Journal of Ethnopharmacology, 2011, 137, 585-591 poziti 918 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/articole%202011/evaluare/	20
	Premiu CNCSIS PNII-RU-PRECISI-2011-3-0052 pentru articolul Cobzaru, C.; Ganas, P.; Mihasan, M.; Schleberger, P. & Brandsch, R Homologous gene clusters of nicotine catabolism, including a new omega-amidase for alpha-ketoglutarate, in species of three genera of Gram-positive bacteria Research In Microbiology, 2011, 162, 285-291 pozitia 40 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/articole%202011/evaluare/	20
	Mentiune la concursul Idei Stiintifice Inovative organizat de Academia Oamenilor de Stiinta din Romania si fundatia Scientica pentru proiectul Identificarea unei metode alternative de obtinere a tagatozei – agent antidiabetic și de control a obezitatii, 2010	20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1735 pentru articolul pAO1 of Arthrobacter nicotinovorans and the Spread of Catabolic Traits by Horizontal Gene Transfer in Gram-Positive Soil Bacteria, J MOL EVOL pozitia 78 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiu CNCSISPN-II-RU-PRECISI-2013-7-1738 pentru articolul What in silico molecular docking can do for the 'bench-working biologists', J BIOSCIENCES pozitia 81 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiu CNCSISPN-II-RU-PRECISI-2013-7-1778 pentru articolul Antibacterial activities of the methanol extracts of ten Cameroonian vegetables against Gram-negative multidrug-resistant bacteria, BMC COMPLEMENTARY ALTERNATIVE MEDICINE pozitia 120 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiu CNCSISPN-II-RU-PRECISI-2013-7-1800 pentru articolul In Vitro antibacterial and antibiotic-potential activities of four edible plants against multidrug-resistant gram-negative species, BMC COMPLEMENTARY ALTERNATIVE MEDICINE pozitia 142 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1884 - Evidence of a plasmid-encoded oxidative xylose-catabolic pathway in Arthrobacter nicotinovorans pAO1, RES MICROBIO pozitia 226 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1830 - PN-II-RU- DA pozitia 172 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiu CNCSIS PN-II-RU-PRECISI-2013-7-1831 - PN-II-RU- DA pozitia 173 http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA	20
	Premiul UAIC Tanar cercetator al anului 2014	20
	Mentiune la concursul Idei Stiintifice Inovative organizat de Academia Oamenilor de Stiinta din Romania si fundatia Scientica pentru proiectul Identificarea unei metode alternative de obtinere a tagatozei – agent antidiabetic și de control a obezitatii	20
	Distinctia "Profesor de nota 10" pentru activitatea didactica si de cercetare stiintifica la manifestarea 10 pentru UAIC	20

	Total	220
Total activitate de cercetare		5807,1000659492

II. ACTIVITATEA DIDACTICĂ (30%)		Total	352,3	
2. Contribuții la îmbunătățirea activității didactice				
2.1. Tratat și manuale universitare		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 Mihășan - Chimie Generală – manual de lucrări practice, Editura Tehnopres, Iasi, 2014, 242 pag	242	2	36,3
	Total		72,3	
2.2. Proiecte didactice (înfăințare dotare cu dovezi demonstrabile laboratoare licență, master, săli Workshop, biblioteci Proprii facultăților, departamentelor, laboratoarelor și grupurilor) - 40 puncte pentru fiecare activitate				
	Infiiintarea su dotarea laboratorului de biologie moleculara B128, laborator in care si-au realizat lucrarile de licenta 10 studenti sub conducerea lector dr Hritcu Lucian si a mea			40
	Dotarea laboratorului B225 distilator de apa (Fstream, valoare achizitie 19416.54 lei) si accesorii pentru centrifuga (valare achizitie aprox 3000 lei) si sticlărie de laborator			40
	Dotarea laboratorului B224 cu sistem cromatografic FPLC Pharmacia LKB, cu coloane cromatografice si diverse faze lichide (coloana HPLC Nucleodur 100-3 C18, valoare achizitie 2197.45 lei, TRIS Pufferan valoare achizitie 2400 lei)			40
	Colectie de reviste de stiinta si de promovarea a stiintei Nature Methods – 75 de buc si Lab Times 54 buc. Colectia este disponibila in sala B237			40
	Infiiintare expozitie/muzeu tehnica de cercetare, vizibil langa sala B224 si on line la adresa: https://mail.uaic.ro/~marius.mihasan/expo/expo.html			40
	Total		200	
2.3. Materiale suport curs, seminar, lucrări practice și programe analitice, detaliate				
	Suport curs (format electronic) și 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) și prezentări PowerPoint, Atmosfera si Calitatea Aerului – Anul III, cursuri de zi ecologie			10
	Suport lucrări practice si programa analitica laborator Metaboliti secundari, An II, Biochimie, cursuri de zi			10
	Suport curs (format electronic) și prezentări PowerPoint, Chimia Mediului – Anul III, cursuri de zi ecologie			10
	Suport curs (format electronic) și prezentări PowerPoint, Chimie Anorganica – Anul I, cursuri de zi, Biochimie			10
	Suport curs (format electronic) și prezentări PowerPoint, Biologie Generala (Celulara si Moleculara) – Anul III, cursuri de zi, Chimie			10
	Suport lucrări practice si programa analitica laborator Chimie Anorganica, An I, Biochimie, cursuri de zi			10
	Total		80	
2.4 Organizare de aplicații și 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
	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	50