

Fișa de verificare a îndeplinirii standardelor minimale pe domenii ale Universității

Mihășan I Marius, Șef lucrări Dr.

Domeniul	Funcția didactică	Standarde minimale
Biologie	Conferențiar	îndeplinirea standardelor minimale obligatorii stabilite de comisia Biologie și Biochimie din cadrul CNATDCU.

Standardele minimale obligatorii stabilite de comisia Biologie și Biochimie din cadrul CNATDCU prin OM 4204/2013 sunt îndeplinite după cum urmează:

A. Condiții preliminarare obligatorii

1. calificarea profesională: licență, masterat, specializare postuniversitară sau „postdoc” în domeniul postului sau al unuia echivalent;

a.	Licențiat în Biochimie, Profilul Biologie, specializarea Biochimie, Diploma de licență de Merit Seria V Nr. 0095483 din 07.09.2006
b.	Masterat în Genetică Moleculară, Diploma de Master Seria F Nr. 0049084 din 19.11.2008
c.	PostDoctorat în cadrul proiectului POSDRU/159/1.5/S/133652, titlul proiectului Megaplasmidul pAO1 din <i>Arthrobacter nicotinovorans</i> – origine, evoluție și aplicații biotehnologice, Tutore: Conf. Dr. Olteanu Zenovia

2. calificarea științifică: titlul de Doctor în specialitatea disciplinei postului sau foarte înrudită cu aceasta;

a.	Doctor în Biologie cu distincția Summa cum Laude , Diploma de doctor Nr. 64 din 05.05.2010. Titlul tezei de doctorat: Implicațiile moleculare ale megaplasmidului pAO1 în metabolismul microorganismului <i>Arthrobacter nicotinovorans</i> , <i>Coordonatori:</i> Prof. Dr. Roderich Brandsch, Albert-Ludwigs-University Freiburg și prof. Dr. Vlad Artenie, Universitatea Alexandru Ioan Cuza din Iași,
-----------	--

3. coordonare proiecte de cercetare: pentru Conferențiar (CS II): minimum un grant național în calitate de director (sau responsabil de proiect în cazul parteneriatelor) sau unul internațional (în calitate de responsabil național);

Număr de contracte naționale coordonate în calitate de director – 3, după cum urmează:

a.	Proiect TD-236, Competiția: PN II Resurse Umane / TD 2007; Contract nr. 563/2007; Perioada de implementare: 2007-2009; Titlul: Unele implicații moleculare ale plasmidului pa01 în metabolismul microorganismului <i>Arthrobacter nicotinovorans</i> ; Suma decontată 40865.33 lei
-----------	--

b.	Proiect PD-336; Competiția PN-II-RU-PD-2009; Contract nr. 117/30.07.2010; Perioada de implementare: 2010-2012; Titlul: Clonarea și caracterizarea cadrelor de citire ORF32 și ORF40 de pe megaplasmidul pAO1 din <i>Arthrobacter nicotinovorans</i> - potențiale modele de studiu ale interacțiunii tagatoza-proteine; Suma decontată: 334138.75 lei
c.	Proiect PN-II-RU-TE-2014-4-0106; Competiția: PN-II-RU-TE-2014; Contract nr. 122/01.10.2015; Perioada de implementare: 2015-2017; Titlul: Efectele 6-hidroxi-nicotinei asupra neurotoxicității și stresului oxidativ indus de clorizondamină: relevanță pentru boala Alzheimer; Suma contractată: 549700 lei

B. Criterii și standarde minimale

C.1. Evaluarea activității de cercetare

		Standarde minimale* Conferențiar	Punctaj obținut
Recunoaștere Internațională	(Σ 1 – 2)	70	641,11
Performanța Totală	(Σ 1 – 15)	200	787,77

* conform anexei 19 din OM 4204/2013

Fișă sintetică privind calculul punctajului

Nr.crt	Parametrul	Punctaj
1	Articole în reviste cotate ISI, ca autor principal	255,35
2	Articole în reviste cotate ISI, ca și contributor	385,76
3	Articole în reviste indexate BDI, ca autor principal	95,00
4	Articole în reviste indexate BDI, ca și contributor	35,00
10	Cărți la editurile din Universităților din Consorțiu	16,67

Detalierea modului de calcul a punctajului

Nr.crt	Parametrul				
1	Articole în reviste cotate ISI, ca autor principal*		AI	Citări	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	1,3	7	23,5
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	0,09	1	11,45
3	Mihasan, M. Basic Protein Structure Prediction For the Biologist: A Review	Archives of Biological Sciences, 2010, 62, 857-871	0,11	10	20,55
4	Mihasan, M. In-silico evidence of a pAO1 encoded pathway for the catabolism of tagatose derivatives in Arthrobacter nicotinovorans 760-767	Biologia, 2010, 65, 760-767	0,19		10,95

5	Mihasan M What in silico molecular docking can do for the bench-biologist	Journal of Biosciences, 2012, 37(6), 1089-1095	0,6	11	24
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	0,5	2	14,5
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	1		15
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	0,09		10,45
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	0,7	4	17,5
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	0,09	18	28,45
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	0,6	0	13
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	0,6	2	15
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	0,8		14
14	Mihasan M., bioinformatics-based molecular classification of arthrobacter plasmids	Cellular & Molecular Biology Letters, 20, 2015	0,4		12
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	0,6	1	14
16	Răzvan Caliga, Călin Lucian Maniu, Marius Mihășan - ELF-EMF exposure decreases the peroxidase catalytic efficiency in-vitro	Open Life Sci. 2016; 11: 71–77	0,2		11
Total					255,35

2	Articole în reviste cotate ISI, ca și contributor **				
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	Febs Journal, 2006, 273, 1528-1536	1,3	21	26,25
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- <i>sgm</i> , 2007, 153, 1546-1555	Microbiology- <i>sgm</i> , 2007, 153, 1546-1555	1	11	18,2
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	0,5	26	26,95
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	0,1	4	10,15
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	0,5962	25	26,5867
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	0,2	13	16,8
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	0,6	18	21,7
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	0,7	17	21,35
9	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	Research In Microbiology, 2011, 162, 285-291	1	8	16,1
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	0,6098	6	13,3343

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.) <i>Scientia Horticulturae</i> , 2013, 151, 22 - 29	<i>Scientia Horticulturae</i> , 2013, 151, 22 – 29	0,4031	14	12,61085
12	Hancianu, M.; Cioanca, O.; Mihasan, M. & Hritcu, L. <i>Phytomedicine</i> , 2013, - Neuroprotective effects of inhaled lavender oil on scopolamine-induced dementia via anti-oxidative activities in rats	<i>Phytomedicine</i> , 2013, 20, 446-452	0,6406	17	21,1421
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	<i>BMC Complementary and Alternative Medicine</i> 2013, 13, 26	0,5	25	26,25
14	Noumedem, J.; Mihasan, M.; Kuiate, J.; Stefan, M.; Cojocaru, D.; Dzoyem, J. & Kuete, V. In Vitro antibacterial and antibiotic-potential activities of four edible plants against multidrug-resistant gram-negative species	<i>BMC Complementary and Alternative Medicine</i> , 2013, 13:190	0,5	22	24,15
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	<i>Physiology & Behavior</i> , 2013, 120, 193-202	1	17	22,4
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	<i>Physiology & Behavior</i> , 2014, 2014, 28, 68-74	1	10	17,5
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,	<i>NEUROCHEMICAL RESEARCH</i> 40 (9): 1799-1809	0,6	3	11,2
18	Ana Cioanca, Cornelia Mircea, Lucian Hritcu, Adriana Trifan, Marius Mihasan, Ana Clara Aprotosoia, Silvia Robu, Elvira Gille, Monica Hancianu In Vitro – In Vivo Correlation Of The Antioxidant Capacity Of <i>Salviae Aetheroleum</i> Essential Oil	<i>Farmacia</i> , 63(1):34-39 2015	0,0667	3	9,33345
19	Mihalache, Gabriela; Zamfirache, Maria-Magdalena; Mihasan, Marius; Ivanov, Iuliu; Stefan, Marius; Raus, Lucian; Phosphate-solubilizing bacteria associated with runner bean rhizosphere	<i>Archives of Biological Sciences</i> , 0, 38-38, 2015	0,1		7,35
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	<i>Flavour and Fragrance Journal</i>	0,5		8,75
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 <i>Albizia adianthifolia</i> leaves attenuates 6-hydroxydopamine-induced anxiety, depression and oxidative stress in rat amygdala	<i>BMC Complementary and Alternative Medicine</i> , 2015, 15(1):374	0,5		8,75

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	0,5		8,75
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	0,7	1	10,15
Total					385,7574

3	Articole în reviste indexate BDI***, ca autor principal				
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, -				5
2	Mihasan, M. & Stefan, M. The evolution of total soluble proteins content during the germination of Glycine max L l. beans under the influence of some Rhizobacterial strains Revista Lucrari stiintifice. Seria Agronomie, 2008				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, -				5
4	Mihasan, M. & Artenie, V. Computer-based modeling for sugar preferences of an oxidoreductase from Arthrobacter nicotinovorans Pao1 plasmid Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 9, No 3, 2008, -				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, -				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, -				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				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, -				5
9	Mihasan, M.; Stefan, M.; Artenie, V. & Brandsch, R. Cloning and purification of a repressor protein from Arthrobacter nicotinovorans pAO1 Analele Stiintifice ale Universitatii Alexandru Ioan Cuza; din Iasi Sec. II a. Genetica si Biologie Moleculara 2010, 12, 21-25				5
10	Lobiuc, A.; Zanova, 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, -				5
11	Mihasan, M.; Artenie, V. & Brandsch, R. Cloning and purification of a tetrameric oxidoreductase from Arthrobacter nicotinovorans pAO1 Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 11, No 4, 2010, 1-5				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, -	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	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	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	5
16	Cheorbeja, Brîndușa, Mădălina Bianca Bujder, Claudiu Arnăutu, and Marius Mihășan. 2015. "Heterologous over-Expression and in-Silico Characterisation of a Putative 2-Keto-Gluconate Dehydrogenase from <i>Arthrobacter Nicotinovorans</i> pAO1." Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara 16(3): 107–12.	5
17	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
18	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
19	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	5
Total – 19 articole		95

4	Articole în reviste indexate BDI***, ca și contributor	
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	3,5
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, -	3,5
3	Stefan, M.; Mihasan, M. & Dunca, S. Plant growth promoting rhizobacteria can inhibit the in vitro germination of <i>Glycine max</i> 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, -	3,5
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	3,5

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	3,5
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	3,5
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, -	3,5
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	3,5
Total – 10 articole		35

10	Cărți la editurile din Universitatilor din Consortiu		
	Autori, titlu	Nr. aut	
	Mihasan, M, Stefan M., Olteanu Zenovia., Biologie Moleculară – Metode experimentale, Editura Universitatii Alexandru Ioan Cuza din Iasi, 2012, 360 pagini	3	16,666667
Total			16,666667