

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE CNATDCU ÎN VEDEREA
OBTINERII TITLULUI DE PROFESOR CONFORM**

ORDINULUI NR. 6129 DIN 20 DECEMBRIE 2016

Conf. Dr. Habil. Mihășan I Marius

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| Poziția scoasă la concurs: Profesor universitar , disciplinele: | |
| 1. | Structura și metabolismul macromoleculelor informaționale (Master Genetică Moleculară, An I) |
| 2. | Biochimie (Licență, Anul I) |
| 3. | Proteomică (Master Genetică Moleculară, An I) |

| A. Condiții preliminare obligatorii | | | | |
|---|--|--|------|-------|
| 1. calificarea profesională:titlul de Doctor în specialitatea disciplinei postului sau înrudită cu aceasta și Abilitarea pentru Profesor; | | | | |
| 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, | | | |
| b. | Titlul de doctor abilitatconform atestatului de abilitare nr. 3697/13.04.2017; Titlul tezei de abilitare: <i>Arthrobacter nicotinovorans</i> - new insights into its metabolism, molecular evolution and biotechnological applications | | | |
| 2. articole științifice ca autor principal: - pentru Profesor (CS I; Abilitare): minimum 4 articole în reviste cotate ISI cu AIS cumulată mai mare sau egal cu 4, din care 2 articole cu AIS de cel puțin 0,3 în ultimii 5 ani; | | | | |
| | Suma AI pentru toate cele 20 articole publicate ca autor principal | | | 10,77 |
| | Articole în reviste cotate ISI, ca autor principal publicate în ultimii 5 ani și care au AIS mai mare de 0.3 in anul publicării articolului | | | An AI |
| 1 | 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 | 2015 | 0,6 |
| 2 | 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 | 2015 | 0,8 |
| 3 | Mihasan M., bioinformatics-based molecular classification of arthrobacter plasmids | Cellular & Molecular Biology Letters, 20, 2015 | 2015 | 0,4 |
| 4 | 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, 2015, 40 (9), 1799-1809 | 2015 | 0,6 |
| 5 | Mihășan, 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 | 2016 | 0,7 |
| 6 | Hritcu, L; Ionita, R; Motei, DE; Babii, C; Stefan, M; Mihasan, M; Nicotine versus 6-hydroxy-L-nicotine against chlorisondamine induced memory impairment and oxidative stress in the rat hippocampus | Biomedicine & Pharmacotherapy, 2017, 86, 102-108 | 2017 | 0,5 |
| 7 | Mihășan 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 | 2018 | 1,9 |
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|--|--|---|----------------------|-----------------|---------|
| 3. coordonare proiecte de cercetareobținute prin competiție națională sau internațională: pentru Profesor (CS I): minimum două granturi naționale în calitate de director (sau responsabil de proiect în cazul parteneriatelor) sau unul național (în calitate de director) și unul internațional (în calitate de responsabil național). | | | | | |
| Număr de contracte naționale coordonate în calitate de director – 6, din care unul internațional, după cum urmează: | | | | | |
| 1 | Proiect TD-236, Competiția: PN II Resurse Umane / TD 2007; Contract nr. 563/2007; Perioada de implementare: 2007-2009; Titlul: Unele implicatii moleculare ale plasmidului pa01 in metabolismul microorganismului Arthrobacter nicotinovorans; Suma decontata 40865.33 lei | | | | |
| 2 | 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 si ORF40 de pe megaplasmidul pAO1 din Arthrobacter nicotinovorans - potențiale modele de studiu ale interacțiunii tagatoza-proteine; Suma decontată: 334138.75 lei | | | | |
| 3 | ProiectPN-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 | | | | |
| 4 | Proiect de cooperare bilaterala Romania-China 50BM/2016 Competiția: 2014; Contract: 501317/30.09.2016, Perioada de implementare 2016-2017, 15 luni; Titlul: Nicotina – de la reziduu toxic la derivați metabolici cu efecte neuroprotective;Suma Contractată: 46160 lei. | | | | |
| 5 | Proiect PN-III-P2-2.1-PED-2016-0177; Competitia PN-III-P2-2.1-PED-2016; Contract nr. 175PED/28.08.2017; Perioada de implementare 2017-2018; Titlul: Steps towards an Arthrobacter nicotinovorans biotechnology for neuro-pharmaceuticals production;Suma contractată: 475000 lei | | | | |
| 6 | Proiect PN-III-P1-1.1-TE-2016-0367; Competitia PN-III-P1-1.1-TE-2016; Contract nr. 105/02.05.2018; Perioada de implementare 2019-2020; Titlul: Dezvoltarea unei biotehnologii bazate pe microorganismul Arthrobacter nicotionovorans pentru producerea de compusi neuro-protectivi; Suma contractată: 207995 lei | | | | |
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| B. Criterii și standarde minimale | | | | | |
| | | | | | |
| C.1. Evaluarea activității de cercetare | | | | | |
| | | | Standarde minimale * | Punctaj obținut | |
| Recunoaștere Internațională | | | (Σ1 – 2) | 150 | 871,31 |
| Performanța Totală | | | (Σ 1 – 15) | 250 | 994,98 |
| * conform anexei 19 din OM 6129/2016 | | | | | |
| | | | | | |
| Fișă sintetică privind calculul punctajului | | | | | |
| crt | Parametrul | | | | Punctaj |
| 1 | Articole în reviste cotate ISI, ca autor principal | | | | 315,39 |
| 2 | Articole în reviste cotate ISI, ca și contributor | | | | 555,92 |
| 3 | Articole în reviste indexate BDI, ca autor principal | | | | 20,00 |
| 4 | Articole în reviste indexate BDI, ca și contributor | | | | 7,00 |
| 8 | Cărți la Edituri Universitare | | | | 26,67 |
| 9 | Cărți la Edituri din țara | | | | 10,00 |
| 10 | Capitole în volume la edituri internaționale de prestigiu**** | | | | 51,67 |
| 12 | Capitole în cărți/volume la edituri naționale | | | | 8,33 |
| | | | | | |
| Detalierea modului de calcul a punctajului | | | | | |
| N | 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 | Applied and Environmental Microbiology, 2007, 73, 2479- | 1,5 | 4 | 18,5 |

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|----|---|--|------|----|-------|
| 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 | 0,02 | 2 | 6,14 |
| 3 | Mihasan, M. Basic Protein Structure Prediction For the Biologist: A Review | Archives of Biological Sciences, 2010, 62, 857-871 | 0,06 | 14 | 18,42 |
| 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 | 0,17 | | 5,19 |
| 5 | Mihasan M What in silico molecular docking can do for the bench-biologist | Journal of Biosciences, 2012, | 0,6 | 17 | 25,2 |
| 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, 2013, 69, 25-34 | 0,5 | 2 | 9,5 |
| 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 | 0,9 | 3 | 13,3 |
| 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- | 0,08 | | 4,56 |
| 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 | 0,7 | 6 | 14,9 |
| 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, | 0,08 | 34 | 38,56 |
| 11 | Hritcu, L.; Noumedem, J.; Cioanca, O.; Hancianu, M.; Kuete, V. & Mihasan, M. Methanolic Extract of <i>Piper nigrum</i> 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 | 38 | 46,2 |
| 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 | 7 | 15,2 |
| 13 | Hritcu, Lucian; Noumedem, Jaurès A; Cioanca, Oana; Hancianu, Monica; Postu, Paula; Mihasan, Marius; Anxiolytic and antidepressant profile of the methanolic extract of <i>Piper nigrum</i> fruits in beta-amyloid (1-42) rat model of Alzheimer's disease | Behavioral and Brain Functions, 11, 1- 13, 2015 | 0,8 | 17 | 26,6 |
| 14 | Mihasan M., bioinformatics-based molecular classification of <i>arthrobacter</i> plasmids | Cellular & Molecular Biology Letters, 20, 2015 | 0,4 | 1 | 7,8 |
| 15 | Hritcu, L.; Bagci, E.; Aydin, E. & Mihasan, M. Antiamnesic and Antioxidants Effects of <i>Ferulago angulata</i> Essential Oil against Scopolamine-Induced Memory Impairment in Laboratory rats | Neurochemical research, 2015, 40 (9), 1799-1809 | 0,6 | 11 | 19,2 |
| 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 | | 1 | 5 |

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|--------------|---|--|------|----|---------------|
| 17 | M Mihășan, R Brandsch A predicted T4 secretion system and conserved DNA-repeats identified in a subset of related Arthrobacter plasmids | Microbiological Research, 2016, 191, 32-37 | 0,7 | 1 | 9,9 |
| 18 | Hritcu, L.; Ionita, R; Motei, DE; Babii, C; Stefan, M; Mihasan, M; Nicotine versus 6-hydroxy-L-nicotine against chlorisondamine induced memory impairment and oxidative stress in the rat hippocampus | Biomedicine & Pharmacotherapy, 2017, 86, 102-108 | 0,5 | 1 | 8,5 |
| 19 | Ionita, R; Valu, VM; Postu, PA; Cioanca, O ; Hritcu, L; Mihasan, M - 6-hydroxy-l-nicotine effects on anxiety and depression in a rat model of chlorisondamine | FARMACIA, 2017, 65(2), 237-240 | 0,06 | 1 | 5,42 |
| 20 | Mihășan 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 | 1,9 | | 17,3 |
| Total | | | | | 315,39 |
| | | | | | |
| 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 | 1,1 | 21 | 22,89 |
| 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 | Microbiology-sgm, 2007, 153, 1546-1555 | 1 | 9 | 14 |
| 3 | Ganas, P.; Sachelaru, P.; Mihasan, M.; Igloi, G. L. & Brandsch, R. Two closely related pathways of nicotine catabolism in Arthrobacter nicotinovorans and Nocardioides | Archives of Microbiology, 2008, 189, 511-517 | 0,8 | 29 | 27,02 |
| 4 | Stefan, M.; Dunca, S.; Olteanu, Z.; Oprica, L.; Ungureanu, E.; Hritcu, L.; Mihasan, M. & Cojocaru, D. Soybean (glycine Max [L] Merr.) 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 | 0,05 | 4 | 5,845 |
| 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 | 0,6 | 15 | 16,24 |
| 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 rat | Central European Journal of Biology, 2011, 6, 497-509 | 0,2 | 23 | 19,88 |
| 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 | 28 | 25,34 |
| 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 | 0,78 | 28 | 26,222 |
| 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 | Research In Microbiology, 2011, 162, 285-291 | 1 | 14 | 17,5 |

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|----|--|--|------|----|--------|
| 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 | 0,6 | 13 | 14,84 |
| 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 | 0,4 | 34 | 28,56 |
| 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- | <i>Phytomedicine</i> , 2013, 20, 446-452 | 0,6 | 46 | 37,94 |
| 13 | Jaurès AK Noumedem, Marius Mihasan, Stephen T Lacmata, Marius Ștefan, 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 | 56 | 44,45 |
| 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> | 0,5 | 34 | 29,05 |
| 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 | 59 | 49 |
| 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 | <i>Physiology & Behavior</i> , 2014, 28;131:68-74 | 1 | 27 | 26,6 |
| 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>Neurochem Res.</i> 2015 40(5):952-60 | 0,6 | 18 | 18,34 |
| 18 | Ana Cioanca, Cornelia Mircea, Lucian Hritcu, Adriana Trifan, Marius Mihasan, Ana Clara Aprotosoiaie, 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 | 0,07 | 18 | 15,743 |
| 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> , 2015;67(3):793-800 | 0,12 | 9 | 9,688 |
| 20 | 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 | 6 | 9,45 |
| 21 | L Hritcu, M Hancianu, M Mihasan, O Cioanca Effects of inhaled juniper volatile oil in amyloid beta (1-42)-induced anxiety and depression in laboratory rats | <i>Flavour and Fragrance Journal</i> , 2015 31 (2), 149-157 | 0,5 | | 5,25 |
| 22 | 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> , Volume31, Issue2 March 2016 Pages 149-157 | 0,5 | | 5,25 |

| | | | | | |
|--------------|---|--|------|----|----------------|
| 23 | Bagci, Eyup and Aydin, Emel and Mihasan, Marius and Maniu, Calin and Hritcu, Lucian, Anxiolytic and antidepressant-like effects of <i>Ferulago angulata</i> essential oil in the scopolamine rat model of Alzheimer's disease | Flavour and Fragrance Journal, 2016, 31(1):70*-80 | 0,5 | 9 | 11,55 |
| 24 | 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 | 32 | 28,63 |
| 25 | Ionita R, Postu PA, Beppe GJ, Mihasan M, Petre BA, Hancianu M, Cioanca O, Hritcu L., Cognitive-enhancing and antioxidant activities of the aqueous extract from <i>Markhamia tomentosa</i> (Benth.) K. Schum. stem bark in a rat model of scopolamine | Behavioral and Brain Functions 2017 13:5 | 0,8 | 6 | 10,92 |
| 26 | Postu, PA, Noumedem, JAK, Cioanca, O, Hancianu, M, Mihasan, M, Ciorpac, M, Gorgan, DL, Petre, BA, Hritcu, L., <i>Lactuca capensis</i> 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 | 1,1 | 9 | 14,49 |
| 27 | 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 <i>Pichia kudriavzevii</i> CR-Y103, | Water, Air, & Soil Pollution, 2018, 229:15 | 0,4 | 5 | 8,26 |
| 28 | Mihalache, G.; Mihasan, M.; Zamfirache, M. M.; Stefan, M. Raus, L., Phosphate solubilizing bacteria from runner bean rhizosphere and their mechanism of action | Romanian Biotechnological Letters, 2018, 23, 13853-13861 | 0,09 | | 3,241 |
| 29 | Ionita R, Postu PA, Mihasan M, Gorgan DL, Hancianu M, Cioanca O, Hritcu L. 2018. Ameliorative effects of <i>Matricaria chamomilla</i> L. hydroalcoholic extract on scopolamine-induced memory impairment in rats: A behavioral and molecular study. | Phytomedicine, 2018, 47:113–120. | 0,7 | 5 | 9,73 |
| Total | | | | | 555,919 |

| | | | | |
|---|---|--|--------|---|
| 3 | Articole în reviste indexate BDI***, ca autor principal | | Citari | |
| 1 | Artenie, V. & Mihasan, M. PRELIMINARY DATA REGARDING THE KINETIC PROPERTIES OF AN ALPHA-AMYLASE FROM <i>ROBINIA PSEUDACACIA</i> L. GERMINATED SEEDS <i>Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 6, 2005, -</i> | | | 1 |
| 2 | Mihasan, M. & Stefan, M. The evolution of total soluble proteins content during the germination of <i>Glycine max</i> L l. beans under the influence of some Rhizobacterial strains <i>Revista Lucrari stiintifice. Seria Agronomie, 2008</i> | | | 1 |
| 3 | Mihasan, M.; Nita, A. & Artenie, V. OPTIMAL PARAMETERS FOR PLASMID DNA PREPARATION USING THE ALKALINE LYSIS METHOD <i>Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 8, No 2, 2007, -</i> | | | 1 |
| 4 | Mihasan, M. & Artenie, V. Computer-based modeling for sugar preferences of an oxidoreductase from <i>Arthrobacter nicotinovorans</i> Pao1 plasmid <i>Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 9, No 3, 2008, -</i> | | | 1 |
| 5 | Mihasan, M.; Hritcu, L.; Artenie, V.; Ciobica, A.; Stefan, M. & Gorgan, L. Bacterial lipopolysaccharide enhanced immunological responsiveness in exposed rats <i>Analele Stiintifice ale Universitatii Alexandru Ioan Cuza din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol 10, No 3, 2009, -</i> | | | 1 |
| 6 | Mihasan, M., Artenie, V. Roderich, Bradsch – Purification of a novel aldehyde-dehydrogenase with wide substrate specificity <i>Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi Sec. II a. Genetica si Biologie Moleculara; Vol</i> | | | 1 |

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|----------------------------|---|--|-----------|
| 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 | | 1 |
| 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, - | | 1 |
| 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 | | 1 |
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| 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 | | 0,7 |
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| 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 | | 0,7 |
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| 8 Cărți la Edituri Universitare ((20+c): n) | | | | |
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| 1 | Mihasan Marius - Megaplasmidul pAO1 - structura si functie, Editura Universitatii "Alexandru Ioan Cuza" din Iasi, 2011, 119 pagini | 1 | | 20 |
| 2 | Mihasan, M, Stefan M., Olteanu Zenovia., Biologie Moleculară – Metode experimentale, Editura Universitatii Alexandru Ioan Cuza din Iasi, 2012, 360 pagini | 3 | | 6,6666667 |
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| 9 Cărți la la alte edituri din țară | | | | |
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| 1 | Zenovia Olteanu, Marius Mihășan - Chimie Generală – manual de lucrări practice Editura Tehnopres, Iasi, 2014, 242 pag | 2 | | 10 |
| Total | | | | 10 |

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| 10 Capitole în volume la edituri internaționale de prestigiu**** | | | | |
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| 1 | Noumedem, JAK; Djeussi, DE; Hritcu, L ; Mihasan, M ; Kuete, V - Lactuca sativa in Medicinal Spices and Vegetables from Africa, 1st Edition, Editor Victor Kuete, eBook ISBN: 9780128094419, Paperback ISBN: 9780128092866, Imprint: Elsevier Academic Press | 5 | | 10 |
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| | Marius Mihășan, Lucian Hritcu, Marius Ștefan – New biotechnological applications of the metabolic derivatives from Arthrobacter nicotinovorans, Chapter in Applied Microbiology – from plant growth promotion to new neuroprotective drugs, edited by Marius Ștefan, Editura Universității Alexandru Ioan Cuza Iași, 2014. | 3 | 3,3333333 |
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16.12.2019

Conf. Dr. Habil. Marius Mihășan