

Fișa de verificare a îndeplinirii standardelor minimale

CIMPOIASU VILY MARIUS

A. Condiții preliminare obligatorii

Nr. Crt.	Condiții preliminare obligatorii prevazute în O.M. 6560/27.12.2012	Condiții îndeplinite
1.	Calificarea profesională: licență, masterat, specializare postuniversitară sau "postdoc" în domeniul postului sau al unuia echivalent;	Licenta în inginerie fizica 1992 - Licențiat în Inginerie Fizica la Facultatea de Fizica, specializarea Fizica Tehnologica, Universitatea din Bucuresti, (perioada 1987-1992, 10 semestre, Diploma de Licență Nr. Seria J nr 12268 eliberata de Min. Invatamintului la data de 18.07.1995)
2.	Calificarea științifică: titlul de Doctor în specialitatea disciplinei postului sau foarte înrudită cu aceasta;	-Titlul de Doctor conferit de Universitatea din Bucuresti, în domeniul Biologie, in ba za Ord. Min. 5663/15.12.2003 Data susținerii doctoratului – 12.09.2003
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); - 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).	1. Contract de cercetare CNCSIS, Program "Idei" "Proiecte de cercetare exploratorie" sesiunea 2008, STUDIUL STEREOCHIMIEI MAGNETOCHIRALE A AMINOACIZILOR IN PREZENTA DE H217O, Program "Idei" "Proiecte de cercetare exploratorie" sesiunea 2008, codul CNCSIS ID418/2009, Director proiect, Univ. Craiova, lect. dr. Cimpoiasu Vily 2. Contract de cercetare CEEX/ Institutul de Științe Spațiale – INFLPR 01/03.10.2005/ Agentia Spatiale Romana , PTNDS- „Platforma tehnologica Nationala de Dinamica Spatiale” (Responsabil proiect 2007-2008, Univ. Craiova, lect. dr. Cimpoiasu Vily)

B. Criterii și standarde minimale

C.1. Evaluarea activității de cercetare

**Tabel 1. Parametrii luați în calcul și modul lor de cuantificare
la COMISIA BIOLOGIE ȘI BIOCHIMIE** (Conf. OM nr. 6562/2012, publicat în Monitorul
Oficial, Partea I, Nr. 890 bis/27.XII.2012, pag. 35; și conf. OMEN nr. 4204/2013 din
15/07/2013, publicat în Monitorul Oficial, Partea I nr. 440 din 18/07/2013, pag. 15)

Nr. P	Parametrul (P)	AIS	c (citari)	Punctaj
1.	Articole în reviste cotate ISI, ca autor principal* conform formulei (1); Formula (1): $1 \times [10+(5 \times AI1)+c1] + 1 \times [10+(5 \times AI2)+c2] + \dots$; AI1 ... factorul AIS (Article Influence Score), conform http://eigenfactor			
	Radu Popa, Vily Marius Cimpoiasu , Prebiotic Competition between Information Variants, With Low Error Catastrophe Risks, Entropy 2015, 17(8), 5274-5287; doi:10.3390/e17085274	0.492	0	12.46
	Popa R, Cimpoiasu VM (2013) Analysis of Competition between Transformation Pathways in the Functioning of Biotic Abstract Dual Automata. 2013, Astrobiology 13(5):454-64. doi: 10.1089/ast.2012.0933	1.096	0	15.48
	Vily M. Cimpoiasu , Radu Popa, Biotic Abstract Dual Automata (BIADA) - A Novel Tool for Studying the Evolution of Prebiotic Order (and the Origin of Life), 2012, Astrobiology 12(12), 1123-1134.	1.096	2	18.48
	Cimpoiasu Vily , Scorei Romulus, Popa Radu, Enantio-different Proton Exchange in Alanine and Asparagine in the Presence of H217O, Journal of Molecular Evolution, 2010, 71, 23-33. ISSN 0022-2844 (Print) 1432-1432 (Online) DOI 10.1007/s00239-010-9361-z Publisher: SPRINGER, 233 SPRING ST, NEW YORK, NY 10013 USA	0.735	0	13.68
	R. Scorei, V.M. Cimpoiasu , Boron Enhances the Thermostability of Carbohydrates, Origins of Life and Evolution of the Biosphere, Vol. 36, No. 1. (February 2006), pp. 1-11. Publisher: SPRINGER, VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS IDS Number: 018QC ISSN: 0169-6149	0.420	26	38.10
			Σ 1	98.20
2.	Articole în reviste cotate ISI, ca și contributor ** conform formulei (2) Formula (2): $0,7 \times [10+(5 \times AI1)+c1] + 0,7 \times [10+(5 \times AI2)+c2] + \dots$ AI2 ... factorul AIS (Article Influence Score), conform http://eigenfactor	AIS	c (citari)	Punctaj
	R. Cimpoiasu, V. Cimpoiasu , R. Constantinescu, Nonlinear Dynamical Systems in various space-time dimensions, Romanian Journal of Physics., Vol. 55, Nos. 1–2, (2010), pg.25-35. ISSN 1221-146X	0.165	2	8.98
	Popa Radu, Cimpoiasu Vily , Scorei Romulus; Rooting Prebiotic Chirality in Spinomeric Chemistry? Astrobiology 9 (8),2009, pp. 697-701 Publisher: MARY ANN LIEBERT INC, 140 HUGUENOT STREET, 3RD FL, NEW ROCHELLE, NY 10801 USA IDS Number: 509DF ISSN: 1531-1074 DOI: 10.1089/ast.2009.0346	1.096	3	12.94
	R. Scorei, V.M. Cimpoiasu , R. Popa, TD-HNMR measurements Show Enantioselective Dissociation of Ribose and Glucose in the Presence of H217O, Astrobiology., Vol.7 nr.5 2007, pp. 733-744. Publisher: MARY ANN LIEBERT INC, 140 HUGUENOT STREET, 3RD FL, NEW ROCHELLE, NY 10801 USA IDS	1.096	4	13.64

	Number: 231QL ISSN: 1531-1074 DOI: 10.1089/ast.2006.0076			
	R. Scorei, V.M. Cimpoiasu , Dana Iordachescu, In Vitro Evaluation of the Antioxidant Activity of Calcium Fructoborate, Biological Trace Element Research, Vol. 107, 2005 pp.127-134. Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ 07512 USA IDS Number: 976JB ISSN: 0163-4984	0.328	29	28.45
	Rosca Adrian, Stanciu Vasile, Cimpoiasu Vily , Scorei Ion Romulus, D. Rosca 2003, Autonomous Generator for Technical Oxygen, Molecular Crystals and Liquid Crystals, vol. 417, pp. 67/[551]-73/[557], 2004 Publisher: TAYLOR & FRANCIS LTD, 4 PARK SQUARE, MILTON PARK, ABINGDON OX14 4RN, OXON, ENGLAND IDS Number: 869JZ ISSN: 1058-725X DOI: 10.1080/15421400490481395	0.099	0	7.35
	Gy. Steinbrecher, R. Scorei, V.M. Cimpoiasu , I. Petrisor, "Stable Reconstruction of the T2 Distribution by Low-Resolution NMR Measurements and the Classical Markov and Hausdorf Momentum Problem", Journal of Magnetic Resonance 146, No. 2, 2000, 321-334. Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA IDS Number: 361FD ISSN: 1090-7807	0.826	5	13.39
			Σ 2	84.75
	Σ 1-2 (recunoastere internationala)		Σ1 – 2	182.95
3.	Articole în reviste indexate BDI***, ca autor principal 1 x (5 x N)	Link/ Baza date	N	Punctaj
	VM Cimpoiasu , NMR evidence of H 17 2 O adsorbtion on silica pore surface, Physics AUC, 2012, vol 22, 63-67.	http://cis01.central.ucv.ro/pauc/index.html	1	5
	Scorei, R., Cimpoiasu, V.M. , Different Internal Gradients for R and S Homochiral Solutions in Inhomogeneous Magnetic Fields, in: <i>Progress in Biological Chirality</i> , ed.by Gyula Palyi, Claudia Zucchi, Luciano Caglioti (Elsevier Ltd., Amsterdam, 2004), pp. 311-319, 2004 Publisher: ELSEVIER SCIENCE BV, SARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS IDS Number: BBK91 ISBN: 0-08-044396-6 .	Isi web of science	1	5
	Cimpoiasu, V.M. , Scorei, R., The Classical Hausdorf Momentum Problem Applied to the LRP-NMR Measurements; Stable Reconstruction of the T2 Distribution and Magnetic Susceptibility Difference Distribution, in <i>Magnetic Resonance in Food Science: Latest Developments</i> . ed.by P.S. Belton, A.M.Gil,G.A.Webb and D. Rutledge(The Royal Society of Chemistry, 2003), pp. 77-84, 2003 Publisher: ROYAL SOC CHEMISTRY, THOMAS GRAHAM HOUSE, SCIENCE PARK, CAMBRIDGE CB4 4WF, CAMBS, ENGLAND IDS Number: BW77K ISSN: 0260-6291 ISBN: 0-85404-886-3 .	Isi web of science	1	5
	Rodica Cimpoiasu, R. Constantinescu, V.M. Cimpoiasu , 2005, Integrability of dynamical systems with polynomial Hamiltonians, Romanian Journal of Physics, Volume 50, Number 3-4, 309-315, 2005.	www.nipne.ro/rjp/	1	5
	VM Cimpoiasu , NMR evidence to change O/P ratio of water in presence of -NH2 and -NH+3 spinomers, Physics AUC, 2015, vol 25, 17-21.	http://cis01.central.ucv.ro/pauc/index.html	1	5
	Rodica Cimpoiasu, V.M. Cimpoiasu , Lamda-Symmetry	http://cis01.central	1	5

	Reduction for Nonlinear ODEs without Lie Symmetries, Physics AUC, 2015, vol 25, 22-26.	ucv.ro/pauc/index.html		
	Vily Marius Cimpoiasu , Radu Popa, Elimination of less-fit information variants during competition between low complexity dynamic systems , Physics AUC, vol. 24, 130-151 (2014) ISSN - 1223 – 6039.	http://cis01.central.ucv.ro/pauc/index.html	1	5
	Vily Marius Cimpoiasu , Romulus Ion Scorei, Radu Popa, Natural 1H1H spins decoupling in water in the presence of 17O, Physics AUC, vol. 21, 19-29 (2011) ISSN - 1223 – 6039.	http://cis01.central.ucv.ro/pauc/index.html	1	5
	Radu Popa, Vily Marius Cimpoiasu , FTIR analysis of ortho/para ratio in liquid water isotopomers. Implications for enantiodifferentiation in amino acids Physics AUC, vol. 21, 11-18 (2011) ISSN - 1223 - 6039	http://cis01.central.ucv.ro/pauc/index.html	1	5
	Radu Popa, Vily Marius Cimpoiasu , Romulus Ion Scorei, 2010, Consequences of Expanding Chirality to Include Spin Isomery (The Dilemma of Broadening Chirality into Handedness), Physics AUC, vol. 20 (part 1), 64-72 (2010) (ISSN - 1223 - 6039)	http://cis01.central.ucv.ro/pauc/index.html	1	5
	R. Cimpoiasu, R. Constantinescu, V.M. Cimpoiasu , " Classical and Non-classical Symmetries for the 2D- Kuramoto-Sivashinsky Model", Physics AUC, ISSN 1223-6039, vol 18, 214-218, 2008	http://cis01.central.ucv.ro/pauc/index.html	1	5
	Cimpoiasu, V. M. ; Scorei, R., Experimental procedures for measuring chiral asymmetries in magnetic fields, ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE; 32, 5-6; 442-443, 2002, Size:2 Pages ISSN:0169-6149	BDI https://getinfo.de/en/search/id/BLCP%3ACN048367963/ și http://eurekamag.com/research/034/899/034899210.php	1	5
	Cimpoiasu, V. M. ; Scorei, R., The Role of Boron in the Chemical Evolution, ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE; 32, 5-6; 418-419, 2002 Size:2 Pages ISSN:0169-6149	BDI http://eurekamag.com/research/035/926/035926619.php	1	5
	Cimpoiasu, V. M. ; Steinbrecher, G.; Scorei, R.; Petrisor, I.; Brad, I.; Olteany, I.; Sbirna, L. S., TD-NMR TITRATION STUDIES ON COMPLEXATION OF BORATE WITH POLYHYDROXYLATED ORGANIC COMPOUNDS. IMPLICATIONS FOR CHEMICAL EVOLUTION AT HIGH TEMPERATURES , ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE; 30; 143, 2000, ISSN:0169-6149	BDI https://getinfo.de/de/suchen/id/BLSE%3ARN083980382/TD-NMR-TITRATION-STUDIES-ON-COMPLEXATION-OF-BORATE/	1	5
	Maria Dinu, Mihaela Gabriela Dumitru, Cimpoiasu V.M. The use of organic products at culture of carrot in succession Journal of Horticulture, Forestry and Biotechnology, 2010 Vol. 14 No. 1 pp. 172-176 ISSN 2066-1797 URL http://journal-hfb.usab-tm.ro/romana/Lista%20lucra..	http://cabdirect.cab.semcs.net/subject/qq500/food-composition-and-quality.html?start=134500	1	5
	V.M. Cimpoiasu , Maria Dinu, THE TEM MICROSCOPY AND H-NMR OF EARLIER GERMINATION STAGE OF CUCUMIS SATIVUS L., Agricultural University - Plovdiv, Scientific Works, vol. L, book 6, 2005 Jubilee scientific conference "State-of-the-art and problems of agricultural science and education", Plovdiv - Bulgaria.,457-459, 2005, ISBN 954-517-002-6	База данных АГРОС	1	5
	Maria Dinu, V.M. Cimpoiasu , THE ESTABLISH OF TECHNOLOGICAL STAGES FOR OBTAINING THE CUCUMIS MELO L. GRAFT THROUGH PIN-PINCK GRAFTING, Agricultural University - Plovdiv, Scientific Works, vol. L, book 6, 2005 Jubilee scientific conference "State-of-the-art and problems of agricultural science and education", Plovdiv - Bulgaria. 461-465, 2005 ISBN 954-517-002-6	База данных АГРОС	1	5
	Maria Dinu, V. M. Cimpoiasu , Establishing the technological	CABI database	1	5

	stages with a view to obtaining the Cucumis melo L. greaft through cleft grafting. " Simpozion Stiintific annual "Horticultura-stiinta, calitate, diversitate, armonie.Iași, UNIVERSITATEA DE ȘTIINTE AGRICOLE SI MEDICINĂ VETERINARĂ "ION IONESCU DE LA BRAD" IAȘI, LUCRĂRI ȘTIINȚIFICE Anul XLVII – Vol 1 (48) SERIA HORTICULTURĂ, ISSN 1454-7376,255-259, Iasi, mai 2005	http://cabdirect.cab.semcs.net/subject/f160/plant-propagation.html?start=39500 http://eurekamag.com/research/022/576/022576209.php		
	V.M. Cimpoiasu , Maria Dinu, USING THE IMBIBITION OF ARTIFICIAL GEL-EMULSION SYSTEM AND CUCUMIS SATIVUS L. SEEDS AT SIMULATION OF EARLIER STAGE OF CELLULAR LIFE, " Simpozion Stiintific annual "Horticultura-stiinta, calitate, diversitate, armonie.Iași, UNIVERSITATEA DE ȘTIINTE AGRICOLE SI MEDICINĂ VETERINARĂ "ION IONESCU DE LA BRAD" IAȘI, LUCRĂRI ȘTIINȚIFICE Anul XLVII – Vol 1 (48) SERIA HORTICULTURĂ, ISSN 1454-7376, 251-254, mai 2005	http://www.cabdirect.org/subject/ss230/composition-and-quality-of-non-food-non-feed-plant-products.html?start=27350 http://eurekamag.com/research/024/093/024093122.php	1	5
	Cimpoiasu V.M. , R. Scorei, Mihaela Mitruț "Calcium Fructoborate a new dietary supplement "Buletinul USAMV-CN, 55, 2001, (171-176) ISSN 1454-2382	http://eurekamag.com/	1	5
			Σ 3	100
4.	Articole în reviste indexate BDI***, ca și contributor 0,7 x (5 x N)	Link/ Baza date	N	Punctaj
	Lipoic Gel Emulsion, an Experimental Model of the Precellular State Author Scorei, R.; Cimpoiasu, V. ; Grosescu, R.; Olteanu, I.; Brad, I.; Scorei, v.; Mitruț, M.; Cimpoiasu, R.; Iacob, M. Journal title ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE 1996, VOL 26; NUMBER 3/5, pages 452-453 Publisher KLUWER ACADEMIC PUBLISHERS GROUP ISBN ISSN 0169-6149	BDI Anelis Google scholar	1	3.5
	Scorei, R.; Steinbrecher, G.; Cimpoiasu, V. M. ; Petrisor, I.; Scorei, V.; Mitruț, M., BORON COMPOUNDS IN THE PRIMITIVE EARTH. IMPLICATIONS FOR PREBIOTIC EVOLUTION, ORIGINS OF LIFE AND EVOLUTION OF THE BIOSPHERE, 30, 2-4; 120, 2000 ISSN:0169-6149	DDI https://getinfo.de/de/suchen/id/BLSE%3ARN083980229/BORON-COMPOUNDS-IN-THE-PRIMITIVE-EARTH-IMPLICATIONS/	1	3.5
	Dusan Miljkovic, Scorei Ion Romulus, Cimpoiasu Vily Marius , Scorei Iulia Daria, CALCIUM FRUCTOBORATE : PLANT-BASED DIETARY BORON FOR HUMAN NUTRITION, Journal of Dietary Supplements Vol 6(3), 2009, 211-226	Listata ISI WEB	1	3.5
	The influences of the fertilisable and stimulator substances to the physiological processes of melon in the unheated greenhouse, Maria D, Cimpoiasu VM , Giorgota M, Chilom P, Bulletin of the University of Agricultural Sciences and Veterinary Medicine, Vol 61 - HORTICULTURE Book Series: BULETINUL UNIVERSITATII DE ȘTIINTE AGRICOLE SI MEDICINA VETERINARIA CLUJ-NAPOCA SERIA HORTICULTURA SERIES Volume: 61 Pages: 404-404 Published: 2004 Publisher: ACADEMIC PRESS, 3-5 MANASTUR STREET, CLUJ-NAPOCA, 400372, ROMANIA IDS Number: BDD35 ISSN: 1454-2382	ISI web of science	1	3.5
	R. Scorei, V.M. Cimpoiasu , I. Petrișor, M. Iacob, I. Brad, I. Olteanu, R. Grosescu, V. Scorei, M. Mitruț, R. Cimpoiasu, "Overall proton relaxation in the hydrated biopolymers systems by LRP- ¹ H-NMR technique", ROMANIAN JOURNAL OF	https://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jl0qarkAAAAJ&citation_for	1	3.5

	BIOPHYSICS, vol. 7, nr. 4, p. 327-337, 1997.	_view=jl0qarkAAAA J:j3f4tGmQtD8C		
	DINU Maria, VM Cimpoiasu , Gabriela BITAI, Valeria GHIVERCEA, Influence of Stimulating Substances on Tomatoes Grown in Solaria, 2010/2/18 Jurnal: Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture Volumul 66 Numărul 1 Pagini 415-419	http://journals.usam vcluj.ro/index.php/h orticulture/article/vi ew/3886	1	3.5
	Popa, R.; Cimpoiasu, V. M. ; Scorei, R. I., The Origin of Homochirality in Amino Acids Through Weak Neutral Currents and Ortho:Para Disequilibrium in the Amino Group, Evolution and Life: Surviving Catastrophes and Extremes on Earth and Beyond, LPI Contribution No. 1538, p.5359 Publication Date: 04/2010	BDI Google Scholar http://adsabs.harva rd.edu/abs/2010LPI Co1538.5359P	1	3.5
	Maria Dinu , Cimpoiasu Vily Marius , Petre Savescu ,THE RESEARCH CONCERNING THE PHYSIOLOGICAL BEHAVIOUR OF YELLOW MELON CULTIVARS IN UNHEATED GREENHOUSE, Analele Universitatii din Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului, vol.13(49), ISSN 1435-1275, pg 290-293. 2008	http://www.cabdirec t.org/subject/ff060/ plant-physiology- and- biochemistry.html? start=507600	1	3.5
			Σ 4	28
5	Articole în alte reviste, ca autor principal 1 x N		N	Punctaj
	V.M. Cimpoiasu , R. Scorei, I. Petrisor, "In vivo evaluation of lipase activity by LRP-1H-NMR technique of the germinating seed of Cucumis Sativus L.", PHYSICS AUC 9 (part II), 58-62, 1999.		1	1
	V.M. Cimpoiasu , R. Scorei, I. Petrisor, R. Cimpoiasu, "LRP-1HNMR study of droplet in water/oil emulsion", PHYSICS AUC 9 (part II), 63-66, 1992		1	1
	V.M. Cimpoiasu ., R. Scorei, "T2 DISPERSION THROUGH TIME DOMAIN 1H NMR MEASUREMENTS ON THE D,L-GLUCOSE CONCENTRATED SOLUTIONS" Physics AUC, vol. 10 (2000), 58-65.		1	1
	V.M. Cimpoiasu , Possible implication of 17O isotope for NMR porosimetry, Physics AUC, ISSN 1223-6039, 2007, vol 17, part II, 119-123.		1	1
	V. M. Cimpoiasu , P. Rotaru, G. Filoti, Evaluation of Pores' Distribution at an Alumina Support extracted by NMR Relaxometry, Physics AUC, vol.14, 2004, pp.75-81.		1	1
	V. M. Cimpoiasu , The numerical calculation of dust Diffusion from a point source, Physics AUC, vol. 13 (2003), 161-166.		1	1
	MARIA DINU, V.M. Cimpoiasu , RESEARCHES REGARDING THE INFLUENCE OF PENNASOIL AND CROPMAX SUBSTANCES TO THE MORPHOLOGICAL AND CROPS CHANGES AT PEPPER CULTIVATED IN HOTHOUSE, „THE SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION „DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE” ,Analele Universității din Craiova, Agricultură, Montanologie, Cadastru, vol XXXVII/A, 2007 Craiova, ISSN 1841-8317 , pg 85-88 .		1	1

MARIA DINU, V.M. Cimpoiasu , RESEARCHES REGARDING THE BEHAVIOR OF THE NEW TOMATO HYBRIDS FOR CULTURE IN HOTOHOUSE, „THE SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION „DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE”, Analele Universității din Craiova, Agricultură, Montanologie, Cadastru, vol XXXVII/A, nov 2007 Craiova, ISSN 1841-8317 , pg 89-92		1	1
MARIA DINU, V.M. Cimpoiasu , THE GRAFTING OF CUCUMIS MELO L. BY PIN PRICKING. THE TECHNOLOGICAL STAGES, „THE SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION „DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE”, Analele Universității din Craiova, Agricultură, Montanologie, Cadastru, vol XXXVI/A, nov 2006, Craiova, ISSN 1841-8317 , pg 93-96.		1	1
V.M. Cimpoiasu , OPTICAL CHARACTERIZATION OF BLACK PAINTS FOR SOLAR SELECTIVE PANEL, Analele Universitatii din Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului, vol.XI(XLVII), ISSN 1435-1275. 197-200, 2006.		1	1
V.M. Cimpoiasu , PROIECTAREA UNUI SISTEM DE PRODUCERE A OXIGENULUI PUR DIN SURSE NECONVENȚIONALE DE ENERGIE, UNIVERSITATEA DE ȘTIINȚE AGRICOLE SI MEDICINĂ VETERINARĂ “ION IONESCU DE LA BRAD” IAȘI, LUCRĂRI ȘTIINȚIFICE Anul XLVII – Vol 1 (49) SERIA HORTICULTURĂ, ISSN 1454-7376, 255-259, Iasi, mai 2006 pg.405-408		1	1
Maria Dinu, V.M. Cimpoiasu , "THE INFLUENCE OF THE FERTILIZABLE AND STIMULATOR SUBSTANCES TO THE GROWING OF MELON IN THE UNHEATED GREENHOUSE", E.S.N.A.European Society for New Methods in Agricultural Researche, Annual meeting XXXIV, Novi Sad, Serbia and Montenegro., pg. 120-125, 2005 ISBN 86-7520-034-X		1	1
V.M. Cimpoiasu , DESIGN OF SELECTIVE SOLAR ABSORBING SURFACE, Horti Craiova 2005, Analele Universitatii din Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului, vol.X(XLVI), ISSN 1435-1275. 193-196, 2005		1	1
Maria Dinu, V.M. Cimpoiasu , The crop of melon in the unheated greenhouse under influence of the fertilizable and stimulator substance. Universitatea de Stiinte Agricole si Medicina Veterinara a Banatului, Cercetari Stiintifice seria a IX –a, partea alla “ Biotehnologii si biodiversitate”. Edit. Agroprint Timisoara, ISSN 1453 – 1585., 41-45, 2005 oct.		1	1
V.M. Cimpoiasu , DINU MARIA, GERMINATION OF CUCUMIS SATIVUS INVESTIGATED BY H-NMR DISPERSION MEASUREMENTS, Universitatea de Stiinte Agricole si Medicina Veterinara a Banatului, Cercetari Stiintifice seria a IX –a, partea alla “ Biotehnologii si biodiversitate”. Edit.Agroprint Timisoara, ISSN 1453 – 1585., 46-49, 2005 oct		1	1
V.M. Cimpoiasu , R. Scorei, “EXPERIMENTAL PROCEDURE FOR ANALYSIS OF BORON COMPLEXES WITH REDUCED SUGARS BY THIN LAYER CHROMATOGRAPHY”, “Annales of the University of Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului” ; 2004; ISSN 1435-1275, pg. 297-300.		1	1
Felicia Dragomir, V.M. Cimpoiasu , „THE BEHAVIOR OF THE SACCHAROMYCODES LUDWIGII STRAIN IN THE DIFFERENT CULTURE MEDIA”, Universitatea de Științe Agricole și Medicină		1	1

	Veterinară a Banatului, Timișoara, „Cercetări științifice, procese și tehnologii Agroalimentare”, vol. X nr. 1, 2004, ISSN 1453-1399, pg. 231-236.			
	V.M. Cimpoiasu. , R. Scorei, „The NMR measurements of Homochiral solutions in inhomogeneous magnetic fields”, “Annales of the University of Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului” ; 2003; 44, 566-570.		1	1
	Nour Violeta, Ionica Mira Elena, V.M. Cimpoiasu , „Study of the influence of the addition of cryoprotector agents on some functional and technological properties of frozen meat”, “Annales of the University of Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului” ; 2003, 44, 525-528.		1	1
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			Σ 5	30
6	Articole în alte reviste, ca și contributor 0,5 x N		N	Punctaj
	R. Cimpoiasu, V.M. Cimpoiasu , R. Constantinescu, "FROM CHAOS TO A MORE REGULAR BEHAVIOR BY THE PERTURBATION OF HAMILTONIAN SYSTEMS", PROCEEDINGS OF THE 4TH SCHOOL AND WORKSHOP "QUANTUM FIELD THEORY & HAMILTONIAN SYSTEMS" 16-21 OCTOBER 2004 CALIMĂNEȘTI-CĂCIULATA, ROMANIA, Physics AUC vol 15 2005, 157-163 .		1	0.5
	Dinu Maria, V.M. Cimpoiasu , I. Pintilie ,STUDY CONCERNING SOME QUALITATIVE FEATURES OF SEVERAL NEW SWEET PEPPER HYBRIDS, IN THE CLIMATOLOGICAL CONDITION OF ALMĂJ-IȘALNIȚA COUNTY, Analele Universitatii din Craiova, Seria Biologie, Horticultură, Tehnologia prelucrării produselor agricole, Ingineria mediului, vol.XII(XLVIII), ISSN 1435-1275. 89-92 ,2007.		1	0.5
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			Σ 6	6
11	Cărți la alte edituri din țară 30 : n	Citari		Punctaj
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			Σ 11	4.28
12	Capitole în cărți/volume, la edituri internaționale 20 : n	Citari		
	Radu Popa and Vily Marius Cimpoiasu , Energy-Driven Evolution of Prebiotic Chiral Order (Lessons from Dynamic Systems Modeling) In: Genesis - In the Beginning: Precursors of Life, Chemical Models and Early Biological Evolution, Cellular Origin, Life in Extreme Habitats and Astrobiology 22, 2012, pp:526-545 XXXIX, 934 p., Springer. DOI 10.1007/978-94-007-2941-4_28, © Springer Science+Business Media B.V. 2012 ISBN 978-94-007-2940-7	0	10	0
			Σ 12	0
	Suma 1-15 (performanta totala)		Σ 1-15	351.23

Tabel 2. Standarde minimale*
la COMISIA BIOLOGIE ȘI BIOCHIMIE (Conf. OM nr. 6562/2012, publicat in Monitorul Oficial, Partea I, Nr. 890 bis/27.XII.2012, pag. 35; si conf. OMEN nr. 4204/2013 din 15/07/2013, publicat in Monitorul Oficial, Partea I nr. 440 din 18/07/2013, pag. 15)

Parametrul	Profesor (CSI, Abilitare)	Punctaj total rezultat pe baza calculului indicatorilor de către candidat*
Σ1 – 2 (recunoaștere internațională)	120 (150)	182.95
Σ1 – 15 (performanța totală)	320	351.23

* punctaj total rezultat pe baza calculului indicatorilor din **Tabelul 1**.

C.2. Contribuția la dezvoltarea cunoașterii în domeniu

Parametrul	Abilitare (Punctaj minim necesar)	Punctaj acordat de comisie
Contribuția la dezvoltarea cunoașterii în domeniu	Media de minimum 20 puncte	

Lista cu maxim 10 publicatii ale candidatului:

1	Radu Popa, Vily Marius Cimpoiasu , Prebiotic Competition between Information Variants, With Low Error Catastrophe Risks, Entropy 2015, 17(8), 5274-5287; doi:10.3390/e17085274
2	Popa R, Cimpoiasu VM (2013) Analysis of Competition between Transformation Pathways in the Functioning of Biotic Abstract Dual Automata. 2013, Astrobiology 13(5):454-64. doi: 10.1089/ast.2012.0933
3	Vily M. Cimpoiasu , Radu Popa, Biotic Abstract Dual Automata (BIADA) - A Novel Tool for Studying the Evolution of Prebiotic Order (and the Origin of Life), 2012, Astrobiology 12(12), 1123-1134.
4	Cimpoiasu Vily , Scorei Romulus, Popa Radu, Enantio-different Proton Exchange in Alanine and Asparagine in the Presence of H ₂ 17O, Journal of Molecular Evolution, 2010, 71, 23-33. ISSN 0022-2844 (Print) 1432-1432 (Online) DOI 10.1007/s00239-010-9361-z Publisher: SPRINGER, 233 SPRING ST, NEW YORK, NY 10013 USA
5	R. Scorei, V.M. Cimpoiasu , Boron Enhances the Thermostability of Carbohydrates, Origins of Life and Evolution of the Biosphere, Vol. 36, No. 1. (February 2006), pp. 1-11. Publisher: SPRINGER, VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS IDS Number: 018QC ISSN: 0169-6149
6	Popa Radu, Cimpoiasu Vily , Scorei Romulus; Rooting Prebiotic Chirality in Spinomeric Chemistry? Astrobiology 9 (8),2009, pp. 697-701 Publisher: MARY ANN LIEBERT INC, 140 HUGUENOT STREET, 3RD FL, NEW ROCHELLE, NY 10801 USA IDS Number: 509DF ISSN: 1531-1074 DOI: 10.1089/ast.2009.0346
7	R. Scorei, V.M. Cimpoiasu , R. Popa, TD-HNMR measurements Show Enantioselective Dissociation of Ribose and Glucose in the Presence of H ₂ 17O, Astrobiology, Vol.7 nr.5 2007, pp. 733-744. Publisher: MARY ANN LIEBERT INC, 140 HUGUENOT STREET, 3RD FL, NEW ROCHELLE, NY 10801 USA IDS Number: 231QL ISSN: 1531-1074 DOI: 10.1089/ast.2006.0076
8	R. Scorei, V.M. Cimpoiasu , Dana Iordachescu, In Vitro Evaluation of the Antioxidant Activity of Calcium Fructoborate, Biological Trace Element Research, Vol. 107, 2005 pp.127-134. Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ 07512 USA IDS Number: 976JB ISSN: 0163-4984

9	Gy. Steinbrecher, R. Scorei, V.M. Cimpoiasu , I. Petrisor, "Stable Reconstruction of the T2 Distribution by Low-Resolution NMR Measurements and the Classical Markov and Hausdorff Momentum Problem", Journal of Magnetic Resonance 146, No. 2, 2000, 321-334. Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA IDS Number: 361FD ISSN: 1090-7807
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C.3. Evaluarea activității didactice

Parametrul	Abilitare (Calificativ minim necesar)	Performanța obținută de candidat Calificativ acordat de conducerea departamentului
Evaluarea activității Didactice	Bine	Foarte bine

**Craiova,
15noiembrie 2015**

**Conf.univ.dr. Cimpoiasu Vily Marius
Departamentul de Biologie și Ingineria Mediului
Universitatea din Craiova**

CITARI LUCRARI ISI

<p>11. Lucrarea : Radu Popa and Vily Marius Cimpoiasu , Prebiotic Competition between Information Variants, With Low Error Catastrophe Risks, Entropy 2015, 17(8), 5274-5287; doi:10.3390/e17085274, este citata în:</p>		
Nr. Crt	Autorul, titlul lucrării, denumirea revistei in care se citează, vol., nr. pag, si anul.	Tip
1.		
<p>10. Lucrarea : Popa R, Cimpoiasu VM (2013) Analysis of Competition between Transformation Pathways in the Functioning of Biotic Abstract Dual Automata. 2013, Astrobiology 13(5):454-64. doi: 10.1089/ast.2012.0933, este citata în:</p>		
2.	Elimination of less-fit information variants during competition between low complexity dynamic systems	autocitatie
1.	Prebiotic Competition between Information Variants, With Low Error Catastrophe Risks Authors: Popa, R; Cimpoiasu, VM, ENTROPY, 17 (8):5274-5287; 10.3390/e17085274 AUG 2015	autocitatie
<p>9. Lucrarea : Vily M. Cimpoiasu and Radu Popa , Biotic Abstract Dual Automata (BIADA) - A Novel Tool for Studying the Evolution of Prebiotic Order (and the Origin of Life), Astrobiology accepted, 2012.,,;, este citata în:</p>		
5.	Elimination of less-fit information variants during competition between low complexity dynamic systems VM CIMPOIASU, R POPA	autocitatie
4.	Prebiotic Competition between Information Variants, With Low Error Catastrophe Risks Authors: Popa, R; Cimpoiasu, VM, ENTROPY, 17 (8):5274-5287; 10.3390/e17085274 AUG 2015	autocitatie
3.	On the Liveliness of Artificial Life Authors: Yong Zher Koh,Maurice Ht Ling Human-Level Intelligence 01/2013 3:1. https://www.researchgate.net/publication/236984904_On_the_Liveliness_of_Artificial_Life?ev=pub_cit_inc	Articol web
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1.	R Popa, Elusive Definition of Life – In: Astrobiology: An Evolutionary Approach, edited by Vera M Colb, CRC Press Taylor and Francis, 2014	Carte
<p>8. Lucrarea : Cimpoiasu Vily; Scorei Romulus; Popa Radu, Enantio-different Proton Exchange in Alanine and Asparagine in the Presence of H217O, Journal of Molecular Evolution, 2010, 71, 23-33., este citata în:</p>		
1.	Natural HH spins decoupling in water in the presence of 17 O VM Cimpoiasu, RI Scorei, R Popa - cis01.central.ucv.ro	autocitatie
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2.	SYMMETRY REDUCTIONS AND NEW WAVE SOLUTIONS FOR THE 2D BURGERS-KORTEWEG-DE VRIES EQUATION R Cimpoiasu - ROMANIAN JOURNAL OF PHYSICS, 2014 - nipne.r	ISI
1.	Generalized conditional symmetries and related solutions of the Grad-Shafranov equation Rodica Cimpoiasu1, Phys. Plasmas 21, 042118 (2014); http://dx.doi.org/10.1063/1.4871857	ISI

6. Lucrarea Popa, Radu, Cimpoiasu, Vily, Scorei, Romulus; Rooting Prebiotic Chirality in Spinomeric Chemistry? Astrobiology 9 (8),2009, pp. 697-701 , este citata în:		
7.	The Origin of Life by Means of Autocatalytic Sets of Biopolymers M Wu - 2012 - McMaster University Library http://hdl.handle.net/11375/12403	Citare Scholar
6.	Natural HH spins decoupling in water in the presence of 17 O VM Cimpoiasu, RI Scorei, R Popa – cis01.central.ucv.ro Physics AUC, 2011	BDI autocitatie
5.	FTIR analysis of ortho/para ratio in liquid water isotopomers. Implications for enantiodifferentiation in amino acids R Popa, VM Cimpoiasu - Physics AUC, 2011	BDI autocitatie
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3.	Enantio-different Proton Exchange in Alanine and Asparagine in the Presence of H ₂ ¹⁷ O, Cimpoiasu Vily; Scorei Romulus; Popa Radu, Journal of Molecular Evolution, 2010, 71, 23-33.	autocitatie
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1.	Intermolecular chiral assemblies in R(-) and S(+) 2-butanol detected by microcalorimetry measurements Author Full Names: Cogan, Uri; Shpigelman, Avi; Portnaya, Irina; Rutenberg, Abraham; Scolnik, Yosef; Shinitzky, Meir Source: CHIRALITY, 24 (7):500-505; 10.1002/chir.22033 JUL 2012	ISI
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3.	Popa, Radu, Cimpoiasu, Vily , Scorei, Romulus; Rooting Prebiotic Chirality in Spinomeric Chemistry? Astrobiology 9 (8), pp. 697-701	autocitatie
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29.	Mineral Evolution: Episodic Metallogenesis, the Supercontinent Cycle, and the Coevolving Geosphere and Biosphere Authors: Hazen, RM; Liu, XM; Downs, RT; Golden, J; Pires, AJ; Grew, ES; Hystad, G; Estrada, C; Sverjensky, DA Edited by: Kelley KD; Golden HC Source: BUILDING EXPLORATION CAPABILITY FOR THE 21ST CENTURY, (18):1-15; 2014 Book Series: Society of Economic Geologists Special Publications Series Language: English Document Type: Proceedings Paper Conference Title: SEG Conference on Keystone - Building Exploration Capability for the 21st Century	Citatie ISI web
28.	Meteorite-catalyzed syntheses of nucleosides and of other prebiotic compounds from formamide under proton irradiation Authors: Saladino, R; Carota, E; Botta, G; Kapralov, M; Timoshenko, GN; Rozanov, AY; Krasavin, E; Di Mauro, E PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 112 (21):E2746-E2755; 10.1073/pnas.1422225112 MAY 26 2015	ISI
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