

## Fișa de indeplinire a standardelor

### Conditii preliminare obligatorii:

#### 1. Calificarea profesională

Studii de licență în Fizică

Studii de licență în Biologie

Studii de doctorat in Fizică - specializarea Biofizică

Titlu tezei de doctorat: Dinamica neliniară a unor biopolimeri

Pozitie postdoctorala de 1 an in biologie computațională (Simularea dinamicii moleculare a interacțiunilor lipide proteine in membrana celulară, Laboratorul de Proteine și Sisteme Membranare, Centrul de Energie Atomica Saclay, Franța)

#### 2. Articole științifice ca autor principal:

Am publicat 48 articole în reviste cotate ISI (din care 36 ca autor principal) cu un factor AIS cumulată de 19.373 (12.06 pentru articolele la care sunt autor principal).

Am publicat 6 articole cu AIS>0.3 in ultimii 5 ani (din care la 4 sunt autor principal).

#### 3. Coordonare proiecte de cercetare obținute prin competiție:

Am coordonat 6 proiecte de cercetare obținute prin competiție națională (din care 4 au fost proiecte de colaborare bilaterală România Franța) și 2 proiecte POSDRU obținute prin competiție națională.

Am fost manager adjunct la un proiect de cercetare obținut prin competiție națională și la un proiect POSDRU obținut prin competiție națională.

Am făcut parte din echipa altor 5 proiecte de cercetare.

Nr.	Proiecte de cercetare la care am fost director de proiect	Obs.
1	Program Brancusi de colaborare Romania-Franta, proiect 08864VK Analiza și modelarea interacțiunilor proteine/proteine, 2005-2006	Director de proiect la partea Română
2	Grant CNCSIS tip A, cod 551, Simularea difuziei și a reacțiilor biochimice in medii aglomerate, 2007-2008	Director de proiect
3	26_WE Workshop exploratoriu Noi tendinte in biofizica computationally, 2009	Director de proiect
4	Proiect Brancusi, de colaborare bilaterala Romania Franta, 19582VJ, Cercetarea unor agenți terapeutici noi prin criblaj in silico. Dezvoltarea și aplicarea unei abordări bioinformatică, 2007-2008	Director de proiect la partea Română
5	Proiectul de colaborare bilaterala Romania Franta, din cadrul Programului Brancusi, contract 492, Ancorarea caveolinei 1 in membrana celulara: studii RMN și simularea dinamicii moleculare/Ancrage de la caveoline-1 a la membrane: RMN et simulation de dynamique moleculaire, 2011-2012	Director de proiect la partea Română - proiect premiat cu Diploma de Excelenta ANCSI

6	PN-II-CT-ROFR-2014-2-0002 Modelarea efectelor adverse ale medicamentelor: combinarea abordării in silico bazată pe structura proteinelor cu modelare QSAR – proiect de colaborare bilaterala Romania Franta	Director de proiect la partea Română
7	Proiect de cooperare transfrontaliera in cadrul Programul IPA de Cooperare Transfrontalieră România-Republica Serbia, Cod 464, Cross-border network for advanced training and research in environmental protection, 2011-2012	Manager adjunct
8	Proiect POSDRU, ID 19/1.3/G/15852 Formarea de competente de predare a chimiei pentru profesorii din invatamantul preuniversitar licentiati in alte discipline inrudite, 2009-2011	Director de proiect
9	POSDRU 21/1.5/G/38347, Parteneriat local pentru ridicarea nivelului scolilor doctorale si valorificarea potentialului uman din cercetare in domenii prioritare ale etapei postaderare a Romaniei la UE, 2010-2012	Manager adjunct
10	POSDRU/161/2.1/G/133468, Dezvoltarea creativității și a capacității de inovare prin abordări interdisciplinare și facilitarea inserției absolvenților pe piața muncii, 2014-2015	Director de proiect

#### Membru in echipa proiectelor de cercetare

Nr.	Platforma Tehnologică Nicolas Georgescu Roegen, 2007-2009	membru in echipa
1	Programul PNCDI-2_PC, Nr. 26/18.09.2007 Cercetari complexe privind obtinerea si proprietatile magnetice ale sistemelor de nanoparticule ferimagnetice $Co_xFe_{(3-x)}O_4$ surfactate/n surfactate si biocompatibile cu potentiale aplicatii in terapia cancerului	membru in echipa
2	HURO/0901/114/2.3.1, Scientific and Entrepreneurial Training for Young Students (SCIENTSTU), 2011-2012	membru in echipa
3	Proiect PN-IIRU-PD-2012-3-0220 Metabolizarea difenoconazolului de către plantele de cultură și comunitățile de fungi din sol 2013-2015	membru in echipa
4	ID 6232, COFASP Projects: Biotechnological tools implementation for new wound healing applications of byproducts from the crustacean seafood processing industry, 2017 -2020	membru in echipa
5	PROSAFE projects: Polymeric NanoBioMaterials for drug delivery: development and implementation of safe-by-design concept enabling safe healthcare solutions (GoNanoBioMat), 2017-2018	membru in echipa

Timișoara  
20.02.2017

Semnătura



**B. Criterii și standarde minimale**  
**B.1. Evaluarea activității de cercetare**

**Articole ISI ca autor principal**

Nr crt.	Autori	Titlu	tip de autor	AIS	citari (fara autocitari) Sursa - ISI web of science	Punctaj	AIS> 0.3 in ultimii 5 ani
1	Isvoran, A ; Licz, A ; Unipan, L ; Morariu, VV	Determination of the fractal dimension of the lysozyme backbone of three different organisms, CHAOS SOLITONS & FRACTALS, 12 ( 4) 757-760, 2001	primul autor și autor de corespondență	0,3	6	<b>12,1</b>	
2	Isvoran, A; Morariu, VV	Comparison of the behavior of sea hare myoglobin when it forms two different complexes, CHAOS SOLITONS & FRACTALS 12(6) 1041-1045, 2001	primul autor și autor de corespondență	0,3	1	<b>7,1</b>	
3	Isvoran, A; Morariu, VV	Analysis of the nonlinear behavior of ascaris trypsin inhibitor from NMR data, CHAOS SOLITONS & FRACTALS 12(8) 1485-1488, 2001	primul autor și autor de corespondență	0,3	1	<b>7,1</b>	
4	Isvoran, A; Licz, A; Morariu, VV	Determination of the fractal dimension of the ascaris trypsin inhibitor backbone, REVUE ROUMAINE DE CHIMIE 46( 8) 857-859, 2001	primul autor și autor de corespondență	0,04	0	<b>4,28</b>	
5	Isvoran, A; Sanson, A	Simulation of the molecular dynamics of a dipeptide in aqueous environment , REVUE ROUMAINE DE CHIMIE 48(4) 331-335, 2003	primul autor și autor de corespondență	0,04	0	<b>4,28</b>	
6	Isvoran, A	Describing some properties of adenylat kinase using fractal concepts, CHAOS SOLITONS&FRACTALS 19(1) 141-145, 2004	singur autor	0,3	3	<b>9,1</b>	

7	Isvoran, A Vilaseca, E ; Ortega, F Cascante, M ; Mas, F.	About implementing a Monte Carlo simulation algorithm for enzymatic reactions in crowded media, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, 71 (1), 75-86 , 2006	primul autor si autor de coprespondenta	0,1	1	<b>5,7</b>	
8	Isvoran, A.; Nedellec, P.; Beswick, V.; Sanson A.	Study of the electrostatic interactions between peptides and lipids at the membrane interface by molecular dynamics simulation, REVUE ROUMAINE DE CHIMIE, 51(10)1019-1024 2006	primul autor si autor de coprespondenta	0,043	0	<b>4,301</b>	
9	Isvoran, A; Unipan, L ; Craciun, D ; Morariu, V	Analysis of long-range correlation in sequences data of proteins JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, 72 (4), 383-392 2007	primul autor si autor de coprespondenta	0,1	0	<b>4,7</b>	
10	Isvoran, A.; Craescu, C. T.; Alexov, E.	Electrostatic control of the overall shape of calmodulin: numerical calculations EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS, 36(3) 225-237 2007	primul autor	0,8	6	<b>15,6</b>	
11	Morariu, V. V.; Isvoran, A.; Zainea, O.	A non-linear approach to the structure-mobility relationship in protein main chains, CHAOS SOLITONS & FRACTALS 32(4)1305-1315, 2007	autor de corespondenta	0,6	8	<b>16,2</b>	
12	Pitulice, L; Isvoran, A; Chiriac, A	Structural features of proteins as reflected by statistical scaling laws JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, 73(8-9) 805-813, 2008	autor de corespondenta	0,2	0	<b>5,4</b>	
13	Isvoran, A ; Pitulice, L; Craescu, CT ; Chiriac, A	Fractal aspects of calcium binding protein structures, CHAOS SOLITONS & FRACTALS 35 (5) 960-966, 2009	primul autor si autor de corespondenta	0,6	4	<b>12,2</b>	
14	Isvoran, A ; Vilaseca, E; Unipan, L ; Garces, JL ; Mas, F.	Computational study of diffusion in cellular two-dimensional crowded media modeled as mixtures of mobile and immobile obstacles, REVUE ROUMAINE DE CHIMIE, 2008, 53(5), 415-422	primul autor si autor de corespondenta	0,043	6	<b>10,301</b>	

15	Pitulice, L ; Isvoran, A ; Craescu, CT ; Chiriac, A	Scaling properties of the radius of gyration and surface area for EF-hand calcium binding proteins, CHAOS SOLITONS & FRACTALS, 40 (2) 684-690, 2009	autor de corespondenta	0,6	0	<b>8,2</b>	
16	Craciun, D.; Isvoran, A.	Teaching Molecular Biology using computational tools and tacking into account the learning styles of students ROMANIAN BIOTECHNOLOGICAL LETTERS 14 (4) 4567-4574 2009	ultimul autor si cel de corespondenta	0,07	1	<b>5,49</b>	
17	Craciun, D.; Isvoran, A.; Avram, N. M.	Long range correlation of hydrophilicity and flexibility along the calcium binding protein chains, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 388 (21) 4609-4618, 2009	autor de corespondenta	0,547	3	<b>10,829</b>	
18	Craciun, Dana; Isvoran, Adriana; Reisz, R. D.; N.M. Avram	Distinct fractal characteristics of monomer and multimer proteins, FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY 18 (2) 207-214 2010	autor de corespondenta	0,4	1	<b>7,8</b>	
19	Ciorsac, A.; Craciun, D.; Ostafe, V.; Isvoran A	Nonlinear correlations in the hydrophobicity and average flexibility along the glycolytic enzymes sequences, CHAOS SOLITONS & FRACTALS, 44 Issue: 4-5 Pages: 191-197 2011	ultimul autor si autor de corespondenta	0,5	0	<b>7,5</b>	
20	Isvoran, A.; Badel, A.; Craescu, C. T.; Miron S., Miteva M.	Exploring NMR ensembles of calcium binding proteins: Perspectives to design inhibitors of protein-protein interactions BMC STRUCTURAL BIOLOGY 11 Article Number: 24 2011	primul autor	1,2	11	<b>23,4</b>	
21	Ciorsac, A.; Craciun, D.; Ostafe, V.; Isvoran A	A bioinformatics characterization of the human glycogen phosphorylase surface binding regions, ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 16(5) 6473-6480, 2011	ultimul autor si autor de corespondenta	0,07	1	<b>5,49</b>	

22	Craciun, D.; Pitulice, L.; Ciorsac, A.; Isvoran A	Proteins surface roughness analysis. Comparison of crystallographic and nmr structures, ROMANIAN REPORTS IN PHYSICS 64 (1) 116-126, 2012	ultimul autor si autor de corespondenta	0,1	0	<b>4,7</b>	
23	Ciorsac, A.; Ostafe, V.; Isvoran A	A computational study of the surface properties of the human and bacterial chitotriosidase, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA 57 (3 ) 213-222 2012	ultimul autor si autor de corespondenta	0,02	0	<b>4,14</b>	
24	Craciun, D.; Vlad-Oros, B.; Filimon, N.; Ostafe V, Isvoran A	A computational approach to structural properties of glycoside hydrolase family 4 from bacteria, ACTA BIOCHIMICA POLONICA 60(4 ) 553-564 2013	ultimul autor si autor de corespondenta	0,4	0	<b>6,8</b>	<b>AIS&gt;0.3</b>
25	Isvoran, A.; Craciun, D.; Martiny, V.; Sperandio O., Miteva MA	Computational analysis of protein-protein interfaces involving an alpha helix: insights for terphenyl-like molecules binding, BMC PHARMACOLOGY & TOXICOLOGY 14 Article Number: 31 2013	primul autor	0,1	3	<b>7,7</b>	
26	Isvoran, A.; Craciun, D.; Ciorsac, A.; Perrot, N ; Beswick, V ; Nedellec P	A bioinformatics study concerning the structural and functional properties of human caveolin proteins, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY 79(2 ) 133-150 2014	primul autor si autor de corespondenta	0,2	0	<b>5,4</b>	
27	Craciun, D.; Isvoran, A.	Computational analysis of surface properties of ef-hand calcium binding proteins, ROMANIAN JOURNAL OF PHYSICS 59 (3-4) 339-345 2014	ultimul autor si autor de corespondenta	0,2	0	<b>5,4</b>	
28	Vladoiu, D. L.; Filimon, M. N.; Ostafe, V.; Isvoran A.	Assessment of pesticides interactions with bacillus pasteurii urease. A computational study, ROMANIAN JOURNAL OF PHYSICS 60 (3-4) Pages: 583-592 2015	ultimul autor si autor de corespondenta	0,2	0	<b>5,4</b>	

29	Ciorsac, A. ; Popescu, I.; Isvoran, A.	Synthetic anabolic steroids binding to the human androgen receptor, ROMANIAN JOURNAL OF PHYSICS 60 (7-8) 1112-1120 2015	ultimul autor si autor de corespondenta	0,2	0	<b>5,4</b>	
30	Craciun, D.; Isvoran, A.	Correlation between the secondary structure elements in the spatial arrangement of the ef-hand calcium binding proteins, ROMANIAN JOURNAL OF PHYSICS 60 (7-8) 1103-1111 2015	ultimul autor si autor de corespondenta	0,2	0	<b>5,4</b>	
31	Vladoiu, D. L.; Filimon, M. N.; Ostafe, V; Isvoran A	Effects of herbicides and fungicides on the soil chitinolytic activity. A molecular docking approach, ECOLOGICAL CHEMISTRY AND ENGINEERING S 22(3) 439-450 2015	ultimul autor si autor de corespondenta	0,1	0	<b>4,7</b>	
32	Vladoiu, D.-L.; Ostafe, V.; Isvoran, A.	Computational analysis of the structural properties of alpha - and beta - galactosidases, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA 60(1) 239-251 2015	ultimul autor si autor de corespondenta	0,017	0	<b>4,119</b>	
33	Putz, M. V.; Dudas, N.A.; Isvoran, A.	Double Variational Binding-(SMILES) Conformational Analysis by Docking Mechanisms for Anti-HIV Pyrimidine Ligands, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 16 (8) 19553-19601 2015	ultimul autor si autor de corespondenta	0,7	2	<b>10,9</b>	<b>AIS&gt;0.3</b>
34	Pitulice L., Craciun D., Vilaseca E., Madurga S., Pastor I., Francesc M., Isvoran A	Fractal dimension of the trajectory of a single particle diffusing in crowded media, Romanian Journal of Physics, 61( 7-8) 1276-1286, 2016	ultimul autor si autor de corespondenta	0,7	1	<b>9,9</b>	<b>AIS&gt;0.3</b>
35	Vladoiu D.L.; Ostafe V; Isvoran A	Computational Analysis of the Effects of Mutations on Catalytic Cavity of Chitinases A. Romanian Biotechnological Letters, 22. No. 1/2017	ultimul autor si autor de corespondenta	0,07	0	<b>4,49</b>	

36	Isvoran A., Vlădoiu D.L., Louet M., Crăciun D., Loriot M.-A., Villoutreix B.O., Miteva M.A.	Pharmacogenomics of cytochrome P450 2C family: impacts of amino acid variations in drug metabolism, Drug Discovery Today, 22(2), 366–376, 2017	primul autor	1,7	0	<b>15,9</b>	<b>AIS&gt;0.3</b>
<b>Total criteriul 1</b>				<b>12,06</b>		<b>287,42</b>	
<b>Articole ISI ca și contributor</b>							
37	Morariu, VV; Coza, A; Chis, MA; Isvoran A., Morariu LC	Scaling in cognition, FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY, 9 (4) 379-391 2001		0,316	3	<b>6,4484</b>	
38	Craciun, D.; Isvoran, A.; Avram, N. M.	Does fractal characteristics of hemoglobin change from one organism to another? ROMANIAN JOURNAL OF PHYSICS 54 (5-6) 569-575 2009		0,2	1	<b>6,4</b>	
39	Mouawad, L.; Isvoran, A.; Quiniou, E.; Crăescu CT	What determines the degree of compactness of a calcium-binding protein? FEBS JOURNAL 276(4 ) 1082-1093, 2009		1,3	2	<b>10,57</b>	
40	Craciun, D.; Isvoran, A.; Avram, N. M.	Long-Range Correlation in Atomic Vibration of Chicken Lysozyme Backbone, ACTA PHYSICA POLONICA A 116 (4 ) 684-686 2009		0,097	0	<b>3,2753</b>	
41	Craciun, D.; Isvoran, A.; Avram, N. M.	Statistical scaling laws reflecting structural properties of the hydrolases, ROMANIAN JOURNAL OF PHYSICS 54 (5-6) 449-455 2009		0,1	0	<b>3,29</b>	
42	Craciun, D.; Isvoran, A.; Avram, N. M.	Analysis of long range correlation of hydrophilicity and flexibility along hydrolases proteins chains, ROMANIAN JOURNAL OF PHYSICS 56 (1-2) 185-194, 2011		0,1	1	<b>3,99</b>	



43	Vilaseca, E; Pastor, I; Isvoran, A ; Madurga, S ; Garces, JL ; Mas, F	Diffusion in macromolecular crowded media: Monte Carlo simulation of obstructed diffusion vs. FRAP experiments, THEORETICAL CHEMISTRY ACCOUNTS, 128( 4-6), 795-805, 2011		0,9	8	<b>12,81</b>	
44	Beswick, V.; Isvoran, A.; Nedellec, P.; Sanson, A. ; Jamin, N	Membrane Interface Composition Drives the Structure and the Tilt of the Single Transmembrane Helix Protein PMP1: MD Studies, BIOPHYSICAL JOURNAL 100 (7) 1660-1667, 2011		1,7	4	<b>13,93</b>	
45	Vilaseca, E ; Isvoran, A ; Madurga, S ; Pastor, I ; Garces, JL ; Mas, F.	New insights into diffusion in 3D crowded media by Monte Carlo simulations: effect of size, mobility and spatial distribution of obstacles, PHYSICAL CHEMISTRY CHEMICAL PHYSICS 13(16) 7396-7407 2011		1,20	19	<b>21,98</b>	
46	Pastor, I.; Pitulice, L.; Balcells, C.; Vilaseca, E ; Madurga, S ; Isvoran, A Cascante, M ; Mas, F	Effect of crowding by Dextrans in enzymatic reactions, BIOPHYSICAL CHEMISTRY 185:8-13 2014		0,6	10	<b>12,74</b>	<b>AI&gt;0.3</b>
47	Pitulice, L.; Vilaseca, E.; Pastor, I.; .Madurga, S . Garces, JL. ; Isvoran, A . ; Mas, F .	Monte Carlo simulations of enzymatic reactions in crowded media. Effect of the enzyme-obstacle relative size, MATHEMATICAL BIOSCIENCES Volume: 251 Pages: 72-82 2014		0,6	6	<b>9,94</b>	<b>AI&gt;0.3</b>

48	Filimon M.N.; Voia S.O.; Vladoiu D. L.; Isvoran A., Ostafe V.	Temperature dependent effect of difenconazole on enzymatic activity from soil, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY 80 ( 9) 1127-1137 2015		0,2	0	3,78	
	<b>Total criteriul 2</b>			<b>7,313</b>		<b>109,154</b>	

**TOTAL RECUNOAȘTERE INTERNAȚIONALĂ**

**19,373**

**396,6**

**6**

**Articole in reviste cotate BDI ca autor principal**

Nr crt.	Autori	Titlu	tip de autor	citari (fara autocitari) Sursa - google scholar dar am considerat doar acele citari care apar in reviste cotate ISI web of science		Punctaj
1	D. L. Vlădoiu, V. C. Bejinar, A. Kolozsvari, D. Datcu, D. Voiculescu,	Bioinformatics analysis of the cytochrome P450 2C family, Romanian Journal of Biophysics, 26 (2) 2016	ultimul autor si autor de corespondenta			1
	N. Crista, A. Isvoran	Teaching bioinformatics: online molecular docking, New Frontiers in Chemistry, 2015, 24 (2) 101-108	ultimul autor si autor de corespondenta			1

2	Vladoiu, D. L.; Filimon, M. N.; Ostafe, V.; Isvoran A.	Computational analysis of difenoconazole interaction with soil chitinases Journal of Physics Conference Series 574 Article Number: 012012 2015	ultimul autor si autor de corespondenta			<b>1</b>
3	L. Lighezan, A. Neagu, A. Isvoran	Using bioinformatics to compare the rof2 (fkbp65) protein from arabidopsis thaliana to its human homolog FKBP52, Romanian Journal of Biophysics, Vol. 24, No. 3, P. 157–173, 2014	ultimul autor si autor de corespondenta			<b>1</b>
4	V.D Mircov, M. Fericeanu, A.Ciorsac, A. Isvoran	A non-random variation of monthly average temperatures and precipitation quantities in Romania during the period 2009-2012, Annales of West University of Timisoara. Series of Biology, 17(1) 33-37, 2014	ultimul autor si autor de corespondenta		1	<b>2</b>
5	D. Craciun, L. Pitulice, A. Isvoran	Fractal features of proteins structure and dynamics. Part II – Dynamics., International Journal of Chemical Modeling (IJCHEMO) Vol. 2, Issue 1 (2009)	ultimul autor si autor de corespondenta			<b>1</b>
6	D. Craciun, L. Pitulice, A. Isvoran	Fractal features of proteins structure and dynamics. Part I – Structure., International Journal of Chemical Modeling (IJCHEMO) Vol. 2, Issue 1 (2009)	ultimul autor si autor de corespondenta			<b>1</b>
7	Isvoran A., Vilaseca E., Garcez JL, Unipan L, Mas F	Nonclassical kinetics for enzymatic reactions in two dimensional media, Romanian Biophysical Journal, 2008, Vol. 18, No. 4, 283–291,	primul autor si cel de corespondenta			<b>1</b>
8	D. L. Vlădoiu, V. Ostafe, N. Filimon, A . Ciosac, A.Isvoran,	COMPUTATIONAL ANALYSIS OF SURFACE PROPERTIES OF ALPHA-GALACTOSIDASE FROM SACCHAROMYCES CEREVISIAE, Annals of West University of Timisoara Series of Chemistry 22 (2) (2013) 1-8	ultimul autor si autor de corespondenta			<b>1</b>

9	Craciun D., Ciorsac A., Isvoran A	Prediction of transmembrane regions of caveolins correlates with their cellular location and known interactions, Annals of West University of Timisoara, Series of Chemistry, 21 (2), 2012 29-36	ultimul autor si autor de corespondenta			<b>1</b>
10	Craciun D., Ciorsac A., Isvoran A	Computational study of the surface properties of animal and bacterial aldolases, Annals of the West University of Timisoara, Series of Chemistry, vol 20 (1) 2011, 19-26	ultimul autor si autor de corespondenta			<b>1</b>
11	Ciorsac A., Isvoran A., Ostafe V.,	A bioinformatics study of fosfofructokinase, Annals of West University of Timisoara, Series of Chemistry, 2010, 19(1), pp 1-8	autor de corespondenta			<b>1</b>
12	Ciorsac A., Isvoran A., Ostafe V.,	Hematological and biochemical parameters in Romanian junior football players, Annals of West University of Timisoara, Series of Chemistry, 2010, 19(1), pp 33-40	autor de corespondenta			<b>1</b>
13	Greco D., Isvoran A	Computational study of the troponin C protein, Annals of West University of Timisoara, Series of Chemistry, 2009, 18(1) 31-42	ultim autor si de corespondenta			<b>1</b>
14	Isvoran A	Virtual libraries for biochemistry, molecular biophysics and bioinformatics, Annals of West University of Timisoara, Series of Chemistry, 2009, 18(1) 1-6	singur autor			<b>1</b>
15	A. Timovan, A. Isvoran	A bioinformatic study of human Xeroderma Pigmentosum group A (XPA) protein, Annals of West University of Timisoara, Series of Chemistry, 2008, 17 (1), 103-108	ultim autor si de corespondenta			<b>1</b>
16	C. Petre, A. Isvoran,	Prediction of disordered regions of the Xeroderma Pigmentosum group C protein, Annals of West University of Timisoara, Series of Chemistry, 2008, 17 (1), 9-14	ultim autor si de corespondenta			<b>1</b>

17	S. Pantea, D. Craciun, A. Isvoran,	Bioinformatic study of calmodulin, Annals of West University of Timișoara, Series of Chemistry, 2008, 17 (1), 15-20	ultim autor si de corespondenta			1
18	M. Arbănași, A. Isvoran,	Anomalous diffusion in two dimensional crowded media. A Monte Carlo study., Annals of West University of Timișoara, Series of Chemistry, 2008, 17 (1), 21-26	ultim autor si de corespondenta			1
19	Craciun D., Isvoran A., Avram N.,	Non-linear analysis of reversible Michaelis-Menten enzymatic reactions in crowded media, Annals of West University of Timișoara, Series of Chemistry, 2008, 17, 1-8	autor de corespondenta			1
20	ADRIANA Isvoran, E Vilaseca, LAURA Unipan, JL Garces, F	Monte Carlo simulation of single-particle diffusion in two-dimensional and three-dimensional crowded media Romanian Journal of Biophysics, 2007, 17(1), 21-32	primul autor si cel de corespondenta		3	4
21	Ioanes M., Pitulice L., Isvoran A.,	A fractal approach of the influence of physical factors on chicken lysozyme structure, Annals of West University of Timișoara, Series of Chemistry, 2007, 16, 9-14	primul autor si cel de corespondenta			1
22	A Isvoran, L. Unipan	Fractal kinetics in enzymatic reactions in three dimensional crowded media. A computational study, Annals of West University of Timișoara, Series of Chemistry, 2007, 16(3), 121-126	primul autor si cel de corespondenta			1
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<b>TOTAL articole BDI autor principal</b>							<b>36</b>

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**Cărți și capitole de cărți**

nr crt	Titlu si autori	Tip de carte	punctaj	număr autori	punctaj individual
1	Isvoran A., Morariu V.V., Analiza si modelarea structurii si dinamicii proteinelor, Ed. Mirton Timisoara, 2002, ISBN 973-585-834, 128 pagini	editura nationala	20	2	10
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**Total carti**

**11**

**Total criteriul B1 (PERFORMANȚA TOTALĂ)**

**452,67**

Timișoara  
20.02.2017

Semnătura



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<b>TOTAL</b>			<b>140</b>

Timisoara  
20.02.2017

Semnătura



## Îndeplinire standarde minimale

Parametrul	Standarde minimale pentru Profesor	Punctaj obținut	Grad de îndeplinire a criteriului (%)
Recunoaștere internațională	150	396,57	264,38
Performanța totală	250	452,67	181,07

Timisoara  
20.02.2017

Semnatura

