Pentru verificarea îndeplinirii standardului I

N. Pub.	Ref. Pub.	RIS	N	RIS/N
1	Jäntschi, L., Popescu, V., Bolboaca, S.D. Toxicity caused by para-substituted phenols on Tetrahymena pyriformis: The structure-activity relationships (2008) **ELECTRON J BIOTECHN**, 11 (3) Article Number: 9	0.553	3	0.1844
2	Jäntschi, L., Bolboaca, S.D. Exact probabilities and confidence limits for binomial samples: Applied to the difference between two proportions (2010) **THESCIENTIFICWORLDJO**, 10, pp. 865-878.	0.621	2	0.3104
3	Bolboaca, S.D., Jäntschi, L. Comparison of quantitative structure-activity relationship model performances on carboquinone derivatives (2009) **THESCIENTIFICWORLDJO**, 9, pp. 1148-1166.	0.621	2	0.3104
4	Jäntschi, L., Bolboaca, S.D., Furdui, C.M. Characteristic and counting polynomials: Modelling nonane isomers properties (2009) **MOL SIMULAT**, 35 (3), pp. 220-227.	0.734	3	0.2446
5	Jantschi, L., Bolboaca, S.-D. Modeling the octanol-water partition coefficient of substituted phenols by the use of structure information (2007) **INT J QUANTUM CHEM**, 107 (8), pp. 1736-1744.	0.744	2	0.3722
6	Bolboaca, S.D., Jäntschi, L. A structural informatics study on collagen (2008) **CHEM BIOL DRUG DES**, 71 (2), pp. 173-179.	0.800	2	0.4002
7	Bolboaca, S.D., Pica, E.M., Cimpoiu, C.V., Jäntschi, L. Statistical assessment of solvent mixture models used for separation of biological active compounds (2008) **MOLECULES**, 13 (8), pp. 1617-1639.	0.824	4	0.2059
8	Balan, M.C., Damian, M., Jantschi, L. Preliminary results on design and implementation of a solar radiation monitoring system (2008) **SENSORS-BASEL**, 8 (2), pp. 963-978.	1.149	3	0.3829
9	Jantschi, L., Diudea, M.V. Subgraphs of pair vertices (2009) **J MATH CHEM**, 45 (2), pp. 364-371.	1.214	2	0.6071
10	Jäntschi, L., Bolboaca, S.D., Sestras, R.E. A study of genetic algorithm evolution on the lipophilicity of polychlorinated biphenyls (2010) Chemistry and Biodiversity, 7 (8), pp. 1978-1989.	1.334	3	0.4448
11	Suciu, I., Cosma, C., Todica, M., Bolboaca, S.D., Jantschi, L. Analysis of soil heavy metal pollution and pattern in central Transylvania (2008) International Journal of Molecular Sciences, 9 (4), pp. 434-453.	1.572	5	0.3144
12	Cosma, C., Suciu, I., Jantschi, L., Bolboaca, S.D. Ion-molecule reactions and chemical composition of emanated from herculane Spa geothermal sources (2008) International Journal of Molecular Sciences, 9 (6), pp. 1024-1033.	1.572	4	0.3930
13	Jäntschi, L., Bolboaca, S.D., Diudea, M.V. Chromatographic retention times of polychlorinated biphenyls: From structural information to property characterization (2007) International Journal of Molecular Sciences, 8 (11), pp. 1125-1157.	1.572	3	0.5239
14	Bolboaca, S.D., Jäntschi, L. Predictivity approach for quantitative structure-property models. Application for blood-brain barrier permeation of diverse drug-like compounds (2011) International Journal of Molecular Sciences, 12 (7), pp. 4348-4364.	1.572	2	0.7859
15	Bolboaca, S.D., Jantschi, L. How good can the characteristic polynomial be for correlations? (2007) International Journal of Molecular Sciences, 8 (4), pp. 335-345.	1.572	2	0.7859
16	Jäntschi, L., Bolboaca, S.-D. Results from the use of molecular	1.572	2	0.7859

	descriptors family on structure property/activity relationships (2007) International Journal of Molecular Sciences, 8 (3), pp. 189-203.			
17	Bolboaca, S.-D., Jantschi, L. Modelling the property of compounds from structure: Statistical methods for models validation (2008) Environmental Chemistry Letters, 6 (3), pp. 175-181.	1.680	2	0.8402
18	Jäntschi, L., Bolboaca, S.D., Sestras, R.E. Meta-heuristics on quantitative structure-activity relationships: Study on polychlorinated biphenyls (2010) Journal of Molecular Modeling, 16 (2), pp. 377-386.	1.812	3	0.6041
19	Jantschi, L., Bolboaca, S.D. A structural modelling study on marine sediments toxicity (2008) Marine Drugs, 6 (2), pp. 372-388.	1.824	2	0.9121
20	Jantschi, L., Katona, G., Diudea, M.V. Modeling Molecular Properties by Cluj Indices (2000) **MATCH-COMMUN MATH CO**, 41, pp. 151-188.	2.167	3	0.7224
21	Bolboaca, S.D., Jantschi, L. Modelling analysis of amino acids hydrophobicity (2008) **MATCH-COMMUN MATH CO**, 60 (3), pp. 1021-1032.	2.167	2	1.0836
22	Ciobotaru T.; Frunzeti D.; Jaentschi L. Method for analyzing epicyclic gearboxes (2010) **INT J AUTO TECH-KOR** 11(2), pp. 167-172.	0.291	3	0.0971
23	Ciobotaru, T., Frunzeti, D., Rus, I., Jantschi, L. Method for analysing multi-path power flow transmissions (2010) **P I MECH ENG B-J ENG** 224(B9), pp. 1447-1454.	0.716	4	0.1791
24-25	Diudea M. V., Gutman I., Jäntschi L., "Molecular Topology", Hutington: Nova Science, 2001 (ed.1) & 2002 (ed.2).	0	3	0
Total:		$\sum_{i=1}^{N_s} \frac{RIS_i}{N_i} =$		**11.4905**

Pentru verificarea îndeplinirii standardului S_{med}

N	Ref	RIS	ΣRIS	n_i	$\Sigma RIS/n_i$
1	Jäntschi, L., Popescu, V., Bolboaca, S.D. Toxicity caused by para-substituted phenols on Tetrahymena pyriformis: The structure-activity relationships (2008) **ELECTRON J BIOTECHN**, 11 (3) Article Number: 9.		1.526	3	0.5086
	Linear solvation energy relationship (LSER) analysis of liquid-liquid distribution constants of 8-hydroxyquinoline and its derivatives Robak, W., Apostoluk, W., Ochromowicz, K. 2011 **J CHEM ENG DATA** 56 (11), 3971-3983	1.526			
2	Jäntschi, L., Bolboaca, S.D. Exact probabilities and confidence limits for binomial samples: Applied to the difference between two proportions (2010) **THESCIENTIFICWORLDJO**, 10, pp. 865-878.		0	2	0
3	Bolboaca, S.D., Jäntschi, L. Comparison of quantitative structure-activity relationship model performances on carboquinone derivatives (2009) **THESCIENTIFICWORLDJO**, 9, pp. 1148-1166.		0	2	0
4	Jäntschi, L., Bolboaca, S.D., Furdui, C.M. Characteristic and counting polynomials: Modelling nonane isomers properties (2009) **MOL SIMULAT**, 35 (3), pp. 220-227.		0	3	0
5	Jantschi, L., Bolboaca, S.-D. Modeling the octanol-water partition coefficient of substituted phenols by the use of structure information (2007) **INT J QUANTUM CHEM**, 107 (8), pp. 1736-1744.		0.549	2	0.2745
	New alternatives for estimating the octanol/water partition coefficient and water solubility for volatile organic compounds using GLC data (Kovats retention indices) Spafiu, F., Mischie, A., Ionita, P., Beteringhe, A., Constantinescu, T., Balaban, A. T. **ARKIVOC** 174-U201 Published: 2009	0.549			
6	Bolboaca, S.D., Jäntschi, L. A structural informatics study on collagen (2008) **CHEM BIOL DRUG DES**, 71 (2), pp. 173-179.		0	2	0

7	Bolboaca, S.D., Pica, E.M., Cimpoiu, C.V., Jäntschi, L. Statistical assessment of solvent mixture models used for separation of biological active compounds (2008) **MOLECULES**, 13 (8), pp. 1617-1639.		0	4	0
8	Balan, M.C., Damian, M., Jantschi, L. Preliminary results on design and implementation of a solar radiation monitoring system (2008) **SENSORS-BASEL**, 8 (2), pp. 963-978.		3.446		1.1487
	A New and Inexpensive Pyranometer for the Visible Spectral Range Martínez M.A., Andújar J.M., Enrique J.M. 2009 **SENSORS-BASEL** 9(6), 4615-4634	1.149			
	A new automatic system for angular measurement and calibration in radiometric instruments Marquez, J.M.A., Bohórquez, M.Á.M., Garcia, J.M., Nieto, F.J.A. 2010 **SENSORS-BASEL** 10 (4), pp. 3703-3717	1.149			
	A low cost concept for data acquisition systems applied to decentralized renewable energy plants Jucá, S.C.S., Carvalho, P.C.M., Brito, F.T. 2011 **SENSORS-BASEL** 11 (1), pp. 743-756	1.149			
9	Jantschi, L., Diudea, M.V. Subgraphs of pair vertices (2009) **J MATH CHEM**, 45 (2), pp. 364-371.		0	2	0
10	Jäntschi, L., Bolboaca, S.D., Sestras, R.E. A study of genetic algorithm evolution on the lipophilicity of polychlorinated biphenyls (2010) **CHEM BIODIVERS**, 7 (8), pp. 1978-1989.		1.839	3	0.6131
	A novel porous anodic alumina based capacitive sensor towards trace detection of PCBs Jin Z, Meng FL, Liu JY, Li MQ, Kong LT, Liu JH. 2011. **SENSOR ACTUAT B-CHEM** 157(2):641-646 DOI: 10.1016/j.snb.2011.05.044	1.839			
11	Suciu, I., Cosma, C., Todica, M., Bolboaca, S.D., Jantschi, L. Analysis of soil heavy metal pollution and pattern in central Transylvania (2008) **INT J MOL SCI**, 9 (4), pp. 434-453.		2.692	5	0.5383
	Characterisation of soil quality and mobility of Cd, Cu, Pb and Zn in the Baia Mare area Northwest Romania following the historical pollution. Levei E, Frentiu T, Ponta M, Senila M, Miclean M, Roman C, Cordos EA. 2009. **INT J ENVIRON AN CH** 89(8-12):635-649. Article Number: PII 913490300 DOI: 10.1080/03067310902792586	0.543			
	Studies on the chromium concentrations in topsoils and subsoils of two rapidly industrialized cities in the Yangtze River Delta in east China. Wu CF, Luo YM, Huang BA, Zhang HB, Wang HY. 2010. **ENVIRON EARTH SCI** 61(6):1239-1247 DOI: 10.1007/s12665-010-0447-0	0.352			
	Assessing how heavy metal pollution and human activity are related by using logistic regression and kriging methods Lin, YP; Cheng, BY; Chu, HJ; Chang, TK; Yu, HL. 2011. **GEODERMA** 163(3-4):275-282 DOI: 10.1016/j.geoderma.2011.05.004	1.797			
12	Cosma, C., Suciu, I., Jantschi, L., Bolboaca, S.D. Ion-molecule reactions and chemical composition of emanated from herculane Spa geothermal sources (2008) **INT J MOL SCI**, 9 (6), pp. 1024-1033.		2.067	4	0.5167
	Sulfur isotopic composition and the source of dissolved sulfur species in thermo-mineral springs of the Cerna Valley, Romania. Wynn Jonathan G.; Sumrall Jonathan B.; Onac Bogdan P. 2010. **CHEM GEOL** 271(1-2):31-43 DOI: 10.1016/j.chemgeo.2009.12.009	2.067			
13	Jäntschi, L., Bolboaca, S.D., Diudea, M.V. Chromatographic retention times of polychlorinated biphenyls: From structural information to property characterization (2007) **INT J MOL SCI**, 8 (11), pp. 1125-1157.		4.122	3	1.3740
	QSRR-Based Evaluating and Predicting of the Relative Retention Time of Polychlorinated Biphenyl Congeners on 18 Different High Resolution GC Columns Ghavami Raouf; Sadeghi Faridoon. 2009. **CHROMATOGRAPHIA** 70(5-6):851-868 DOI: 10.1365/s10337-009-1233-6	0.584			
	Diffusion Coefficients of Polychlorinated Biphenyls and Polycyclic Aromatic Hydrocarbons in Polydimethylsiloxane and Low-Density Polylethylene Polymers Rusina Tatsiana P.; Smedes Foppe; Klanova Jana. 2010. **J APPL POLYM SCI** 116(3):1803-1810. DOI: 10.1002/app.31704	1.000			

	Semi-Empirical Topological Method for Prediction of the Relative Retention Time of Polychlorinated Biphenyl Congeners on 18 Different HR GC Columns. Ghavami Raouf; Sajadi S. Mohammad. 2010. **CHROMATOGRAPHIA** 72(5-6):523-533 DOI: 10.1365/s10337-010-1696-5	0.584			
	Retention modelling of polychlorinated biphenyls in comprehensive two-dimensional gas chromatography. D'Archivio Angelo Antonio; Incani Angela; Ruggieri Fabrizio. 2011. **ANAL BIOANAL CHEM** 399(2):903-913 DOI: 10.1007/s00216-010-4326-z	1.954			
14	Bolboaca, S.D., Jäntschi, L. Predictivity approach for quantitative structure-property models. Application for blood-brain barrier permeation of diverse drug-like compounds (2011) **INT J MOL SCI**, 12 (7), pp. 4348-4364.		0	2	0
15	Bolboaca, S.D., Jantschi, L. How good can the characteristic polynomial be for correlations? (2007) **INT J MOL SCI**, 8 (4), pp. 335-345.		8.306	2	4.153
	Theoretical Study of Structural Relationships and Electrochemical Properties of Supramolecular [Tetracyclines].Cn Complexes. Taherpour Avat (Arman); Cheraghi Omid. 2009. **FULLER NANOTUB CAR N** 17(6):636-651 Article Number: PII 916864337 DOI: 10.1080/15363830903291523	0.381			
	Structural Relationship Between Degree of Unsaturation with Fermi Energy, Chemical Hardness, and The HOMO-LUMO Gap of (5,5) Armchair Single-Walled Carbon Nanotubes. Taherpour Avat (Arman). 2009. **FULLER NANOTUB CAR N** 17(1):26-37. Article Number: PII 907311336. DOI: 10.1080/15363830802515873	0.381			
	Structural Relationship Study of Electrochemical Properties of the Nano Structures of Cis-unsaturated Thiocrown Ethers and Their Supramolecular Complexes [X-UT-Y][La@C72(C6H3Cl2)] Non-IPR Carbon Cage. Taherpour Avat (Arman). 2009. **FULLER NANOTUB CAR N** 17(2):171-186. Article Number: PII 909173668 DOI: 10.1080/15363830802672096	0.381			
	Quantitative structural relationship and theoretical study of electrochemical properties of C(60)@[SWCN(5,5)-Armchair-C(n)H(20)] complexes. Taherpour Avat Arman. 2009. **CHEM PHYS LETT** 469(1-3):135-139 DOI: 10.1016/j.cplett.2008.12.039	1.336			
	Theoretical and Quantitative Structural Relationship Study of the Electrochemical Properties of [M(2)@C(x)]@[SWCNT(5,5)-Armchair-C(n)H(20)] (M = Er and Sc, x=82 and 84, and n=20-300) Complexes Taherpour Avat Arman. 2009. **J PHYS CHEM C** 113(14):5402-5408 DOI: 10.1021/jp8096617	2.983			
	Theoretical and quantitative structural relationships of the electrochemical and electron transfer properties of [M(x)@C(82)]@[SWCNT(5,5)-armchair-C(n)H(20)] (x=0, 1; for x=1: M = Ce & Gd and n=20-300) nanostructure complexes Taherpour Avat Arman. 2009. **CHEM PHYS LETT** 483(4-6):233-240. DOI: 10.1016/j.cplett.2009.10.075	1.336			
	Structural Relationships and Theoretical Study of Electron Transfer Properties of 1,3,2-Dithiazolyl Radicals with Fullerenes in Nanostructure [1,3,2-DTA(s)]@Cn Supramolecular Complexes. Taherpour Avat (Arman); Keyvan Farshid. 2010. **PHOSPHORUS SULFUR** 185(8):1604-1614. Article Number: PII 925074173 DOI: 10.1080/10426500903147142	0.265			
	Theoretical study of structural relationships and electrochemical properties of supramolecular [14-mr macrolides]@c(n) complexes. Taherpour Avat (Arman); Maleki Maryam. 2010. **ANAL LETT** 43(4):658-673 DOI: 10.1080/00032710903406946	0.481			
	Theoretical and Quantitative Structural Relationships of the Electron Transfer and Electrochemical Properties of Cis-Unsaturated Thiocrown Ethers and Supramolecular Complexes [X-UT-Y]@[La(2)@C(72)(Adamantylidene Mono-Adducts)(n)] (n=0,1). Taherpour Avat (Arman); Asadi Tayebeh. 2011. **FULLER NANOTUB CAR N** 19(3):166-181 DOI: 10.1080/15363831003782882	0.381			

	Study of electrochemical properties, free energies of electron transfer and reduction potentials of supramolecular [X-UT-Y]@Cn complexes and fullerenes C60 to C300 Taherpour, A. 2012 **FULLER NANOTUB CAR N** 20 (1):17-30	0.381			
16	Jäntschi, L., Bolboaca, S.-D. Results from the use of molecular descriptors family on structure property/activity relationships (2007) **INT J MOL SCI**, 8 (3), pp. 189-203.		1.572	2	0.7859
	QSPR studies on normal boiling points and molar refractivities of organic compounds by correlation-ranking-based PCR and PC-ANN analyses of new topological indices. Ghavami Raouf; Najafi Amir; Hemmateenejad Bahram. 2009. **CAN J CHEM** 87(11):1593-1604 DOI: 10.1139/V09-109	1.029			
	Improved superaugmented eccentric connectivity indices for QSAR/QSPR part I: development and evaluation Dutt Rohit; Madan A. K. 2010. **MED CHEM RES** 19(5):431-447. DOI: 10.1007/s00044-009-9200-1	0.543			
17	Bolboaca, S.-D., Jantschi, L. Modelling the property of compounds from structure: Statistical methods for models validation (2008) **ENVIRON CHEM LETT**, 6 (3), pp. 175-181.		3.803	2	1.9015
	Application of the Similarity Parameter (λ) to Prediction of the Joint Effects of Nonequitoxic Mixtures Dayong Tian, Zhifen Lin, JianQing Ding, Daqiang Yin and Yalei Zhang, **ARCH ENVIRON CON TOX**, DOI: 10.1007/s00244-011-9695-6	0.915			
	Atomic Charges of Individual Reactive Chemicals in Binary Mixtures Determine Their Joint Effects: An Example of Cyanogenic Toxicants and Aldehydes, Dayong Tian, Zhifen Lin, Daqiang Yin, Yalei Zhang, and Deyang Kong, **ENVIRON TOXICOL CHEM**, DOI 10.1002/etc.1701	1.362			
	Linear solvation energy relationship (LSER) analysis of liquid-liquid distribution constants of 8-hydroxyquinoline and its derivatives Robak, W., Apostoluk, W., Ochromowicz, K. 2011 **J CHEM ENG DATA** 56 (11), 3971-3983	1.526			
18	Jäntschi, L., Bolboaca, S.D., Sestras, R.E. Meta-heuristics on quantitative structure-activity relationships: Study on polychlorinated biphenyls. 2010. **J MOL MODEL**, 16 (2), pp. 377-386.		0	3	0
19	Jantschi, L., Bolboaca, S.D. A structural modelling study on marine sediments toxicity (2008) **MAR DRUGS**, 6 (2), pp. 372-388.		0.502	2	0.251
	Effects of Pollution on Marine Organisms. Mearns, AJ; Reish, DJ; Oshida, PS; Buchman, M; Ginn, T; Donnelly, R. 2009. **WATER ENVIRON RES** 81(10):2070-2125. DOI: 10.2175/106143009X12445568400737	0.502			
20	Jantschi, L., Katona, G., Diudea, M.V. Modeling Molecular Properties by Cluj Indices (2000) **MATCH-COMMUN MATH CO**, 41, pp. 151-188.		2.982	3	0.994
	MOLGEN-COMB, a software package for combinatorial chemistry. Gugisch R; Kerber A; Laue R; Meringer M;; Weidinger, J. 2000. MATCH-COMMUN MATH CO 41:189-203.	2.167			
	Cluj CJ and PIv Polynomials Diudea, MV; Ilic A; Ghorbani M; Ashrafi, AR. 2010. **CROAT CHEM ACTA** 83(3):283-289.	0.815			
21	Bolboaca, S.D., Jantschi, L. Modelling analysis of amino acids hydrophobicity (2008) **MATCH-COMMUN MATH CO**, 60 (3), pp. 1021-1032.		0	2	0
22	Ciobotaru T.; Frunzeti D.; Jaentschi L. Method for analyzing epicyclic gearboxes (2010) **INT J AUTO TECH-KOR** 11(2), pp. 167-172.		0.291	3	0.0971
	Automotive transmission efficiency measurement using a chassis dynamometer. Irimescu A.; Mihon L.; Padure G. 2011. **INT J AUTO TECH-KOR** 12(4):555-559 DOI: 10.1007/s12239-011-0065-1	0.291			
23	Ciobotaru, T., Frunzeti, D., Rus, I., Jantschi, L. Method for analysing multi-path power flow transmissions (2010) **P I MECH ENG B-J ENG** 224(B9), pp. 1447-1454.		0	2	0

24-5	Diudea M. V., Gutman I., Jäntschi L., "Molecular Topology", Hutington: Nova Science, 2001 (ed.1) & 2002 (ed.2).		109.7	2	54.838
	Generation and graph-theoretical properties of C4-TORI Diudea, M.V., Graovac, A. 2001 **MATCH-COMMUN MATH CO** 44, pp. 93-102	2.167			
	Relations between the permanental and characteristic polynomials of fullerenes and benzenoid hydrocarbons Gutman, I., Cash, G.G. 2002 **MATCH-COMMUN MATH CO** 45, pp. 55-70	2.167			
	Hosoya polynomial in Tori Diudea, M.V. 2002 **MATCH-COMMUN MATH CO** 45, pp. 109-122	2.167			
	Distance counting in Tori Diudea, M.V., Pârv, B., John, P.E., Ursu, O., Graovac, A. 2003 **MATCH-COMMUN MATH CO** 49, pp. 23-36	2.167			
	Impact of the Sachs theorem on theoretical chemistry: A participant's testimony Gutman, I. 2003 **MATCH-COMMUN MATH CO** 48, pp. 17-34	2.167			
	Wiener index under gated amalgamations Klavžar, S. 2005 **MATCH-COMMUN MATH CO** 53 (1), pp. 181-194	2.167			
	Variable Wiener indices of thorn graphs Zhou, B., Graovac, A., Vukičević, D. 2006 **MATCH-COMMUN MATH CO** 56 (2), pp. 375-382	2.167			
	An exact expression for the Wiener index of a polyhex nanotorus Yousefi, S., Ashrafi, A.R. 2006 **MATCH-COMMUN MATH CO** 56 (1), pp. 169-178	2.167			
	Wiener index of toroidal polyhexes Zhang, H., Xu, S., Yang, Y. 2006 **MATCH-COMMUN MATH CO** 56 (1), pp. 153-168	2.167			
	PI index of polyhex nanotori Ashrafi, A.R., Rezaei, F. 2007 **MATCH-COMMUN MATH CO** 57 (1), pp. 243-250	2.167			
	Omega and related counting polynomials Diudea, M.V., Cigher, S., John, P.E. 2008 **MATCH-COMMUN MATH CO** 60 (1), pp. 237-250	2.167			
	The architecture of software systems for molecular topology Parv, B. 2008 **MATCH-COMMUN MATH CO** 60 (3), pp. 869-882	2.167			
	Omega polynomial in twisted (4,4) tori Diudea, M.V., Vizitiu, A.E., Gholaminezhad, F., Ashrafi, A.R. 2008 **MATCH-COMMUN MATH CO** 60 (3), pp. 945-953	2.167			
	Omega polynomial in twisted ((4,8)3)R tori Diudea, M.V. 2008 **MATCH-COMMUN MATH CO** 60 (3), pp. 935-944	2.167			
	Calculating the degree distance of partial Hamming graphs Ilić, A., Klavžar, S., Stevanović, D. 2010 **MATCH-COMMUN MATH CO** 63 (2), pp. 411-424	2.167			
	Composition rules for omega polynomial in nano-dendrimers Diudea, M.V. 2010 **MATCH-COMMUN MATH CO** 63 (1), pp. 247-256	2.167			
	Some inequalities for szeged-like topological indices of graphs Fath-Tabar, G.H., Nadjafi-Arani, M.J., Mogharrab, M., Ashrafit, A.R. 2010 **MATCH-COMMUN MATH CO** 63 (1), pp. 145-150	2.167			
	The polyphenyl chains with extremal edge-wiener indices Dou, Y., Bian, H., Gao, H., Yu, H. 2010 **MATCH-COMMUN MATH CO** 64 (3), pp. 757-766	2.167			
	Counting polynomials and related indices by edge cutting procedures Diudea, M.V. 2010 **MATCH-COMMUN MATH CO** 64 (3), pp. 569-590	2.167			
	Extremal graphs with respect to the Zagreb coindices Ashrafi, A.R., Došlič, T., Hamzeh, A. 2011 **MATCH-COMMUN MATH CO** 65 (1), pp. 85-92	2.167			
	Computing the Cluj index of a type dendrimer nanostars Iranmanesh, A., Dorosti, N. 2011 **MATCH-COMMUN MATH CO** 65 (1), pp. 209-219	2.167			
	Some bounds on GA1 index of graphs Mogharrab, M., Fath-Tabar, G.H. 2011 **MATCH-COMMUN MATH CO** 65 (1), pp. 33-38	2.167			
	Omega and related polynomials in crystal-like structures Diudea, M.V., Vizitiu, A.E., Cigher, S. 2011 **MATCH-COMMUN MATH CO** 65 (1), pp. 131-142	2.167			
	The maximal gutman index of bicyclic graphs Feng, L., Liu, W. 2011 **MATCH-COMMUN MATH CO** 66 (2), pp. 699-708	2.167			
	Omega polynomial and its use in nanostructure description Diudea, M.V., Cigher, S., Vizitiu, A.E., Florescu, M.S., John, P.E. 2009 **J MATH CHEM** 45 (2), pp. 316-329	1.214			

	Omega polynomial in twisted/chiral polyhex tori Diudea, M.V. 2009 **J MATH CHEM** 45 (2), pp. 309-315	1.214			
	New method of finding the analytical solutions directly on the base on the reaction mechanism Socol, M., Bâldea, I. 2009 **J MATH CHEM** 45 (2), pp. 478-487	1.214			
	Cluj polynomials Diudea, M.V. 2009 **J MATH CHEM** 45 (2), pp. 295-308	1.214			
	Omega polynomial and its use in nanostructure description Diudea, M.V., Cigher, S., Vizitiu, A.E., Florescu, M.S., John, P.E. 2009 **J MATH CHEM** 45 (2), pp. 316-329	1.214			
	Wiener, hyper-Wiener, detour and hyper-detour indices of bridge and chain graphs Mansour, T., Schork, M. 2009 **J MATH CHEM** 47 (1), pp. 72-98	1.214			
	Valence connectivity versus Randić, Zagreb and modified Zagreb index: A linear algorithm to check discriminative properties of indices in acyclic molecular graphs Vukičević, D., Graovac, A. 2004 **CROAT CHEM ACTA** 77 (3), pp. 501-508	0.815			
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Fişa de verificare a îndeplinirii standardelor minimale. Domeniul 'informatică'

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T	$\sum_{i=1}^{N} \frac{1}{n_i} \sum_{k} s_k =$	**67.4858**	**I=**	**11.4905**	**N=**	**25**	S_{med}**=**	**3.159**			

Centralizator verificare criterii:

Nr.	Domeniu	Criteriu1	Criteriu2	Criteriu3	%C1	%C2	%C3	MG(%)	Îndeplinire
2	Chimie	S_{med}=.534	C_{med}=5.3	P=15.7	134	106	131	123	DA
3	Matematică	I=11.2	I_{recent}=10.5	C=19	224	420	158	246	DA
4	**Informatică**	**I=11.5**	**S_{med}=3.16**	**-**	**230**	**451**	**-**	**322**	**DA**