Fisa pentru verificarea indeplinirii standardului S_{med}

Numarul publicatiei	Referinta bibliografica	s_i	n_i	s_i/n_i
1	EPR study of a place-exchange reaction on Au nanoparticles: Two branches of a disulfide molecule do not adsorb adjacent to each other, P. Ionita, A. Caragheorgheopol, V. Chechik, B. C. Gilbert, J. Am. Chem. Soc. 2002, 124, 9048.	8.24	4	2.06
2	Radical mechanism of a place-exchange reaction of an nanoparticles, P. Ionita, B. C. Gilbert, V. Chechik, Angew. Chem. Int. Ed. 2005, 44, 3720.	10.11	3	3.37
3	Hydrazyl-nitrones, novel hybrid molecules in free radical research, P. Ionita, Free Rad. Res, 2006, 40, 59.	0.86	1	0.86
4	Dipole-dipole interactions in spin-labeled Au nanoparticles as a measure of interspin distances, P. Ionita, A. Caragheorgheopol, B. C. Gilbert, V. Chechik, J. Phys. Chem. B, 2005, 109, 3734.	1.95	4	0.49
5	Gold nanoparticle-initiated free radical oxidations and halogen abstractions, P. Ionita, M. Conte, B. C. Gilbert, V. Chechik, Org. Biomol. Chem., 2007, 5, 3504.	1.89	4	0.47
6	Lateral diffusion of thiol ligands on the surface of Au nanoparticles: An electron paramagnetic resonance study, P. Ionita, A. Volkov, G. Jeschke, V. Chechik, Analytical Chem., 2008, 80, 95.	3.18	4	0.80
7	Reversible aggregation between nanoparticles induced by acid-base interactions, G. Ionita, C. Ghica, I. Turcu, P. Ionita, Chem. Phys. Let., 2012, 546, 133-135.	1.27	4	0.32
8	Dual behavior of gold nanoparticles, as generators and scavengers for free radicals, P. Ionita, F. Spafiu, C. Ghica, J. Mat. Sci., 2008, 43, 6571.	1.19	3	0.40
9	Paramagnetic silica-coated gold nanoparticles, C. Ghica, P. Ionita, J. Mat. Sci., 2007, 42, 10058.	1.19	2	0.60
10	Synthesis and electron paramagnetic resonance study of a nitroxide free radical covalently bonded on aminopropyl-silica gel, M. Tudose, T. Constantinescu, A. T. Balaban, P. Ionita, Appl. Surf. Sci., 2008, 254, 1904.	1.36	4	0.34
11	Chemically Modified (Nano)Silica as Sensitive Material for Arginine and Lysine, M. Tudose, D. Culita, G. Marinescu, C. Ghica, P. Ionita, J. Inorg. Organomet. Polym., 2011, 21, 492.	1.17	5	0.23

12	Ligand dynamics in spin-labeled au nanoparticles, P. Ionita, J. Wolowska, V. Chechik, A. Caragheorgheopol, J. Phys. Chem. C, 2007, 111, 16717.	2.99	4	0.75
13	Reaction between the DPPH free radical and potassium cyanide in the presence of crown ether 18C6, P. Ionita, T. Constantinescu, C. Luca, H. Caldararu , M. T. Caproiu, A. T. Balaban, New J. Chem., 1997, 21, 511.	2.19	6	0.37
14	Mechanistic study of a place-exchange reaction of au nanoparticles with spin-labeled disulfides, P. Ionita, A. Caragheorgheopol, B. C. Gilbert, V. Chechik, Langmuir, 2004, 20, 11536.	3.73	4	0.93
15	Host-guest complexes of some stable free radicals, P. Ionita, J. Inclusion Phen., 1999, 34, 253.	0.76	1	0.76
16	A new crown compound with multifunctional capabilities, G. Ionita, P. Ionita, J. Inclusion Phen., 2003, 45, 79.	0.76	2	0.38
17	Hybrid metal (gold)-inorganic (silica) nanoparticles: Synthesis, characterization, and spin-labeling, P. Ionita, C. Ghica, M. T. Caproiu, G. Ionita, J. Inorg. Organomet. Polym., 2008, 18, 414.	1.17	4	0.29
18	Synthesis and characterization of some novel homo- and hetero-diradicals of hydrazyl and nitroxide type, P. Ionita, F. Tuna, M. Andruh, T. Constantinescu, A. T. Balaban, Austr. J. Chem., 2007, 60, 173.	1.58	5	0.32
19	An enhanced colorimetric chemosensor for the detection of various nitro-explosives, P. Ionita, Tetrah. Let., 2012, 53, 7143.	1.16	1	1.16
20	Kinetics of oxidation of amino acids by some free stable hydrazyl radicals, G. Semenescu, V. Em. Sahini, G. Ionita, P. Ionita Acta Chim. Slovenica, 2000, 47, 111.	0.93	4	0.23
Total:		$\sum_{i=1}^{N_S} \frac{s_i}{n_i} =$		**15.11**
N_S=	**20**	**S_{med}=**	**0.75**	

Nota: valorile au fost aproximate*, in minus*, la primele doua cifre dupa virgula.