

## Fisa pentru verificarea indeplinirii standardului P

Numarul publicatiei	Referinta bibliografica	S <sub>i</sub>	P <sub>i</sub>	S <sub>i</sub> /P <sub>i</sub>
1	An enhanced colorimetric chemosensor for the detection of various nitro-explosives P. Ionita Tetrahedron Let., 2012, 53, 7143-7146.	1.16	1	1.16
2	Chemical and biological evaluation of some new antipyrine derivatives with particular properties C. Remes, A. Paun, I. Zarafu, M. Tudose, M. T. Caproiu, G. Ionita, C. Bleotu, L. Matei, and P. Ionita Bioorganic Chemistry, 2012, 41-42, 6-12	1.00	1	1.00
3	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	1	1.27
4	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, 492-497.	1.17	1	1.17
5	Functionalized hybrid nanoparticles and their Interaction with spin-labeled cyclodextrin G. Ionita, M. Maganu, M. T. Caproiu, P. Ionita J. Inorg. Organomet. Polym., 2009, 19, 228-233.	1.17	1	1.17
6	Dual behavior of gold nanoparticles, as generators and scavengers for free radicals P. Ionita, F. Spafiu, C. Ghica J. Mat. Sci, 2008, 43, 6571-6574	1.19	1	1.19
7	Synthesis and characterisation of several di-, tri-, and tetra-radicals linked by flexible or rigid linkers M. T. Caproiu, G. Ionita, C. Draghici, P. Ionita Arkivoc, 2008, xiv, 158-165.	0.55	1	0.55
8	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, 414-419	1.17	1	1.17
9	Lateral diffusion of thiol ligands on the surface of Au nanoparticles: an EPR study P. Ionita, A. Volkov, G. Jeschke, V. Chechik Analytical Chem., 2008, 80, 95-106	3.18	1	3.18
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 App. Surface Sci., 2008, 254, 1904-1908	1.36	1	1.36
11	Gold nanoparticles-initiated free radical oxidations and halogen abstractions P. Ionita, M. Conte, B. C. Gilbert, V. Chechik Org. Biomol. Chem., 2007, 5, 3504-3509	1.89	1	1.89

12	Ligand dynamics in spin-labeled Au nanoparticles P. Ionita, J. Wolowska, V. Chechik, A. Caragheorgheopol J. Phys. Chem. C, 2007, 111, 16717-16723	2.99	1	2.99
13	Paramagnetic silica-coated gold nanoparticles C. Ghica, P. Ionita J. Mat. Sci, 2007, 42, 10058-10064	1.19	1	1.19
14	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 Aust. J. Chem., 2007, 60, 173-179	1.58	1	1.58
15	Hydrazyl-nitrones, novel hybrid molecules in free radical research P. Ionita Free Radic. Res., 2006, 40, 59-65	0.86	1	0.86
16	Radical mechanism of a place-exchange reaction of Au nanoparticles P. Ionita, B. C. Gilbert, V. Chechik Angew. Chemie Int. Ed. 2005, 44, 3720-3722	10.11	1	10.11
17	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, 3734-3742	1.95	1	1.95
18	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, 11536-11544	3.73	1	3.73
19	EPR study of a place exchange reaction on gold nanoparticles: two branches of a disulphide molecule do not adsorb adjacent to each other P. Ionita, A. Caragheorgheopol, V. Chechik, B. C. Gilbert J. Am Chem. Soc, 2002, 124, 9048-9	8.24	1	8.24
20	Host-guest complexes of some stable free radicals P. Ionita J. Incl. Phen. Molec. Rec., 1999, 34, 253-8.	0.76	1	0.76
<b>Total:</b>			<b>P=</b>	<b>46.52</b>

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