

Fisa pentru verificarea indeplinirii standardului C_{med}

Numarul publicatiei care citeaza	Referinta bibliografica a publicatiei <i>k</i> care citeaza	S _k
1. EPR study of a place-exchange reaction on Au nanoparticles: Two branches of a disulfide molecule do not adsorb adjacent to each other Ionita, P; Caragheorghopol, A; Gilbert, BC; Chechik, V J. Am. Chem. Soc. 2002, 124, 9048.		
1	Quantized Electron-Transfer Pathways at Nanoparticle-Redox Centre Hybrids Cabo-Fernandez, Laura; Bradley, Dan F.; Romani, Simon; et al. CHEMPHYSCHEM, 13, 2997-3007, 2012	2.20
2	Thione-gold nanoparticles interactions: Vroman-like effect, self-assembly and sensing Gangula, Abilash; Chelli, Janardhana; Bukka, Santosh; et al. JOURNAL OF MATERIALS CHEMISTRY, 22, 22866-22872, 2012	3.41
3	One-pot synthesis of gold nanoparticles densely coated with nitroxide spins Kaim, Andrzej; Szydłowska, Jadwiga; Piotrowski, Piotr; et al. POLYHEDRON, 46, 119-123, 2012	1.14
4	Bulky Adamantanethiolate and Cyclohexanethiolate Ligands Favor Smaller Gold Nanoparticles with Altered Discrete Sizes Krommenhoek, Peter J.; Wang, Junwei; Hentz, Nathaniel; et al. ACS NANO, 6, 4903-4911, 2012	10.15
5	Aging of Gold Nanoparticles: Ligand Exchange with Disulfides Ma Yun; Chechik Victor LANGMUIR, 27, 14432-14437, 2011	3.73
6	Preparation of Gold Nanoparticle-Poly(L-menthyl methacrylate) Conjugates via ATRP Polymerization Gries Katharina; Bubel Kathrin; Wohlfahrt Malte; et al. MACROMOLECULAR CHEMISTRY AND PHYSICS, 212, 2551-2557, 2011	2.11
7	Kinetics Study of the Binding of Multivalent Ligands on Size-Selected Gold Nanoparticles Perumal Suguna; Hofmann Andreas; Scholz Norman; et al. LANGMUIR, 27, 4456-4464, 2011	3.73
8	Identification of a source of size polydispersity and its solution in Brust-Schiffrin metal nanoparticle synthesis Li Ying; Zaluzhna Oksana; Tong YuYe J. CHEMICAL COMMUNICATIONS, 47, 6033-6035, 2011	4.75
9	Efficient Syntheses of Thiophenol Derivatives Dumur Frederic; Roubaud Valerie; Dumas Eddy; et al. SYNLETT, 16, 2477-2481, 2010	1.27
10	Facile Exchange of Ligands on the 6-Mercaptopurine-Monolayer Protected Gold Clusters Surface Reyes Encarnacion; Madueno Rafael; Blazquez Manuel; et al. JOURNAL OF PHYSICAL CHEMISTRY C, 114, 15955-15962, 2010	2.99
11	Dynamics of a Nitroxide Layer Grafted onto Porous Silicon Busolo Filippo; Franco Lorenzo; Armelao Lidia; et al. LANGMUIR, 26, 1889-1893, 2010	3.73
12	ESR spectroscopy as a tool to investigate the properties of self-assembled monolayers protecting gold nanoparticles Lucarini Marco; Pasquato Lucia NANOSCALE, 2, 668-676, 2010	3.71
13	Nanoparticles as Semi-Heterogeneous Catalyst Supports Schaez Alexander; Reiser Oliver; Stark Wendelin J. CHEMISTRY-A EUROPEAN JOURNAL, 16, 8950-8967, 2010	4.80
14	Self-Assembly and Structure of Directly Imaged Inorganic-Anion Monolayers on a Gold Nanoparticle Wang Yifeng; Neyman Alevtina; Arkhangelsky Elizabeth; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 131, 17412-17422, 2009	8.24
15	Probing the Relative Stability of Thiolate- and Dithiolate-Protected Au Monolayer-Protected Clusters Hou Wenbo; Dasog Mita; Scott Robert W. J. LANGMUIR, 25, 12954-12961, 2009	3.73

16	Electron spin resonance spectroscopy in drug delivery Martini Giacomo; Ciani Laura PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 11, 211-254, 2009	2.22
17	Mass Spectrometrically Detected Statistical Aspects of Ligand Populations in Mixed Monolayer Au(25)L(18) Nanoparticles Dass Amala; Holt Kennedy; Parker Joseph F.; et al. JOURNAL OF PHYSICAL CHEMISTRY C, 112, 20276-20283, 2008	2.99
18	Supported gold nanoparticles as catalysts for organic reactions Corma Avelino; Garcia Hermenegildo CHEMICAL SOCIETY REVIEWS, 37, 2096-2126, 2008	23.92
19	Functionalization of gold nanoparticles by iron(III) complexes derived from Schiff base ligands Mayer Cedric R.; Cucchiaro Gregory; Jullien Josseline; et al. EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, 23, 3614-3623, 2008	1.61
20	Chiral inversion of gold nanoparticles Gautier Cyrille; Buergi Thomas JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 130, 7077-7084, 2008	8.24
21	Interfacial surface properties of thiol-protected gold nanoparticles: A molecular probe EPR approach Khlestkin Vadim K.; Polienko Julia F.; Voinov Maxim A.; et al. LANGMUIR, 24, 609-612, 2008	3.73
22	Langmuir-Blodgett films constructed from a charge-transfer complex and gold nanoparticles Tatewaki Yoko; Noda Yuki; Akutagawa Tomoyuki; et al. JOURNAL OF PHYSICAL CHEMISTRY C, 111, 18871-18877, 2007	2.99
23	Nanoparticle films as electrodes: Voltammetric sensitivity to the nanoparticle energy gap Ranganathan Srikanth; Guo Rui; Murray Royce W. LANGMUIR, 23, 7372-7377, 2007	3.73
24	Electrochemical evaluation of 4-(dimethylamino)pyridine adsorption on polycrystalline gold Barlow Burke C.; Burgess Ian J. LANGMUIR, 23, 1555-1563, 2007	3.73
25	Tryptophan-based peptides to synthesize gold and silver nanoparticles: A mechanistic and kinetic study Si Satyabrata; Mandal Tarun K. CHEMISTRY-A EUROPEAN JOURNAL, 13, 3160-3168, 2007	4.80
26	DNA dissociation and degradation at gold nanoparticle surfaces Herdt Aimee R.; Drawz Sarah M.; Kang Youngjong; et al. COLLOIDS AND SURFACES B-BIOINTERFACES, 51, 130-139, 2006	1.06
27	Interplay of stereoelectronic and environmental effects in tuning the structural and magnetic properties of a prototypical spin probe: Further insights from a first principle dynamical approach Pavone M; Cimino P; De Angelis F; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 128, 4338-4347, 2006	8.24
28	Place exchange reactions of alkyl thiols on gold nanoparticles Kassam A; Bremner G; Clark B; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 128, 3476-3477, 2006	8.24
29	A mechanistic and kinetic study of the formation of metal nanoparticles by using synthetic tyrosine-based oligopeptides Si S; Bhattacharjee RR; Banerjee A; et al. CHEMISTRY-A EUROPEAN JOURNAL, 12, 1256-1265, 2006	4.80
30	Place-exchange reactions of thiols on electrochemically roughened SERS-active silver Wrzosek B; Bukowska J; Kudelski A VIBRATIONAL SPECTROSCOPY, 39, 257-261, 2005	1.31
31	A cooperative effect of bifunctionalized nanoparticles on recognition: Sensing alkali ions by crown and carboxylate moieties in aqueous media Lin SY; Chen CH; Lin MC; et al. ANALYTICAL CHEMISTRY, 77, 4821-4828, 2005	3.18

32	Reaction of triphenylphosphine with phenylethanethiolate-protected Au-38 nanoparticles Wang W; Murray RW LANGMUIR, 21, 7015-7022, 2005	3.73
33	Self-assembled monolayers of thiolates on metals as a form of nanotechnology Love JC; Estroff LA; Kriebel JK; et al. CHEMICAL REVIEWS, 105, 1103-1169, 2005	37.36
34	Synthesis, characterization of dihydrolipoic acid capped gold nanoparticles, and functionalization by the electroluminescent luminol Roux S; Garcia B; Bridot JL; et al. LANGMUIR, 21, 2526-2536, 2005	3.73
35	Does core size matter in the kinetics of ligand exchanges of monolayer-protected Au clusters? Guo R; Song Y; Wang GL; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 127, 2752-2757, 2005	8.24
36	Thiol-functionalized, 1.5-nm gold nanoparticles through ligand exchange reactions: Scope and mechanism of ligand exchange Woehrle GH; Brown LO; Hutchison JE JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 127, 2172-2183, 2005	8.24
37	EPR studies on the organization of self-assembled spin-labeled organic monolayers adsorbed on GaAs Ruthstein S; Artzi R; Goldfarb D; et al. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 7, 524-529, 2005	2.22
38	EPR study of dialkyl nitroxides as probes to investigate the exchange of solutes between the ligand shell of monolayers of protected gold nanoparticles and aqueous solutions Lucarini M; Franchi P; Pedulli GF; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 126, 9326-9329, 2004	8.24
39	Reduced reactivity of aged Au nanoparticles in ligand exchange reactions Chechik V JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 126, 7780-7781, 2004	8.24
40	Substituent effects on the exchange dynamics of ligands on 1.6 nm diameter gold nanoparticles Donkers RL; Song Y; Murray RW LANGMUIR, 20, 4703-4707, 2004	3.73
41	Structures and stabilities of alkanethiolate monolayers on palladium clusters as studied by gel permeation chromatography Murayama H; Narushima T; Negishi Y; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 108, 3496-3503, 2004	1.95
42	Gold nanoparticles: Assembly, supramolecular chemistry, quantum-size-related properties, and applications toward biology, catalysis, and nanotechnology Daniel MC; Astruc D CHEMICAL REVIEWS, 104, 293-346, 2004	37.36
43	On the interactions of free radicals with gold nanoparticles Zhang ZY; Berg A; Levanon H; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 125, 7959-7963, 2003	8.24
2. Hydrazyl-nitrones, novel hybrid molecules in free radical research P. Ionita Free Rad. Res, 2006, 40, 59.		
44	Detection and identification of various carbon-centred free radicals using N-arylketonitrones: a spin trapping/EPR/MS study Hassan Inas El; Charles Laurence; Lauricella Robert; et al. NEW JOURNAL OF CHEMISTRY, 32, 680-688, 2008	2.19
45	A dual sensor spin trap for use with EPR spectroscopy Caldwell Stuart T.; Quin Caroline; Edge Ruth; et al. ORGANIC LETTERS, 9, 3499-3502, 2007	2.68
46	Preparation of N-aryl-ketonitrone spin traps El Hassan Inas; Lauricella Robert; Tuccio Beatrice CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, 4, 338-350, 2006	0.65
3. Paramagnetic silica-coated gold nanoparticles Ghica, C; Ionita, P J. Mat. Sci., 2007, 42, 10058.		

47	Fabrication and fluorescence properties of multilayered core-shell particles composed of quantum dot, gadolinium compound, and silica Kobayashi Yoshio; Nozawa Takuya; Nakagawa Tomohiko; et al. JOURNAL OF MATERIALS SCIENCE, 47, 1852-1859, 2012	1.19
48	An easy method for manufacture of gold nanoparticles on a glassy carbon surface Zhou Yanli; Zheng Xin; Wu Liangzhuan; et al. JOURNAL OF MATERIALS SCIENCE, 46, 1139-1142, 2011	1.19
49	The effect of ultrasound on the gold plating of silica nanoparticles for use in composite solders Cobley A. J.; Mason T. J.; Alarjah M.; et al. ULTRASONICS SONOCHEMISTRY, 18, 37-41, 2011	2.21
4. Functionalized Hybrid Nanoparticles and their Interaction with Spin-Labeled Cyclodextrin Ionita, G; Maganu, M; Caproiu, MT; Ionita, P J. Inorg. Organomet. Polym. Mat., 19, 228-233, 2009		
50	Immobilization of Metalloporphyrin on Functionalized Magnetic Nanoparticles as a Catalyst in Oxidation of Cyclohexene: Novel Modified Fe₃O₄ Nanoparticles with Triethoxysilane Agent Sadeghi, Omid; Amini, Mostafa M.; Bazargani, Mona Feiz Bakhsh; et al. JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, 22, 530-535, 2012	1.17
51	Analytical potential of hybrid nanoparticles Lopez-Lorente, A. I.; Simonet, B. M.; Valcarcel, M. ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 399, 43-54, 2011	2.01
52	Temperature-Dependent Nanostructure of an End-Tethered Octadecane Brush in Tetradecane and Nanoparticle Phase Behavior Eberle, Aaron P. R.; Wagner, Norman J.; Akgun, Bulent; et al. LANGMUIR, 26, 3003-3007, 2010	3.73
5. Kinetics of oxidation of amino acids by some free stable hydrazyl radicals Ionita, G; Sahini, VE, Semenescu, G; Ionita, P Acta Chim. Slovenica, 47, 111-119, 2000		
53	Curcumin-amino acid conjugates: Synthesis, antioxidant and antimutagenic attributes Parvathy K. S.; Negi P. S.; Srinivas P. FOOD CHEMISTRY, 120, 523-530, 2010	2.73
54	Water-soluble colloidal manganese dioxide as an oxidant for L-tyrosine in the absence and presence of non-ionic surfactant TX-100 Altaf Mohammad; Akram Mohd.; Kabir-ud-Din COLLOIDS AND SURFACES B-BIOINTERFACES, 73, 308-314, 2009	1.06
55	A novel amperometric method for antioxidant activity determination using DPPH free radical Milardovic S; Ivekovic D; Grabaric BS BIOELECTROCHEMISTRY, 68, 175-180, 2006	1.51
6. Gold nanoparticle-initiated free radical oxidations and halogen abstractions Ionita, P; Conte, M; Gilbert, BC; Chechik, V Org. & Biomol. Chem., 5, 3504-3509, 2007		
56	Reactivities of Superoxide and Hydroperoxyl Radicals with Disubstituted Cyclic Nitrones: A DFT Study Kim Shang-U; Villamena Frederick A. JOURNAL OF PHYSICAL CHEMISTRY A, 116, 886-898, 2012	1.43
57	Small Gold Nanoparticles Synthesized with Sodium Citrate and Heavy Water: Insights into the Reaction Mechanism Ojea-Jimenez Isaac; Romero Francisco M.; Bastus Neus G.; et al. JOURNAL OF PHYSICAL CHEMISTRY C, 114, 1800-1804, 2010	2.99
58	Enhanced acyl radical formation in the Au nanoparticle-catalysed aldehyde oxidation Conte Marco; Miyamura Hiroyuki; Kobayashi Shu; et al. CHEMICAL COMMUNICATIONS, 46, 145-147, 2010	4.75
59	Aerobic methylecyclohexane-promoted epoxidation of stilbene over gold nanoparticles supported on Gd-doped titania Mendez Violaine; Guillois Kevin; Daniele Stephane; et al. DALTON TRANSACTIONS, 39, 8457-8463, 2010	2.15

60	Gold Nanoparticles of Diameter 1.4 nm Trigger Necrosis by Oxidative Stress and Mitochondrial Damage Pan Yu; Leifert Annika; Ruau David; et al. SMALL, 5, 2067-2076, 2009	7.71
61	Lipophilic beta-Cyclodextrin Cyclic-Nitrone Conjugate: Synthesis and Spin Trapping Studies Han Yongbin; Liu Yangping; Rockenbauer Antal; et al. JOURNAL OF ORGANIC CHEMISTRY, 74, 5369-5380, 2009	2.00
62	Spin Trapping of Au-H Intermediate in the Alcohol Oxidation by Supported and Unsupported Gold Catalysts Conte Marco; Miyamura Hiroyuki; Kobayashi Shu; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 131, 7189-7196, 2009	8.24
63	Efficacy of Simple Short-Term in Vitro Assays for Predicting the Potential of Metal Oxide Nanoparticles to Cause Pulmonary Inflammation Lu Senlin; Duffin Rodger; Poland Craig; et al. ENVIRONMENTAL HEALTH PERSPECTIVES, 117, 241-247, 2009	3.51
64	Radical intermediates in chloroform reactions over triphenylphosphine-protected Au nanoparticles Conte Marco; Wilson Karen; Chechik Victor ORGANIC & BIOMOLECULAR CHEMISTRY, 7, 1361-1367, 2009	1.89
65	N-Heterocyclic carbene-stabilized gold nanoparticles and their assembly into 3D superlattices Vignolle Joan; Tilley T. Don CHEMICAL COMMUNICATIONS, 46, 7230-7232, 2009	4.75
66	Superoxide Radical Anion Adduct of 5,5-Dimethyl-1-pyrroline N-Oxide. 4. Conformational Effects on the EPR Hyperfine Splitting Constants Villamena Frederick A.; Liu Yangping; Zweier Jay L. JOURNAL OF PHYSICAL CHEMISTRY A, 112, 12607-12615, 2008	1.43
67	Photochemical Strategies for the Synthesis of Gold Nanoparticles from Au(III) and Au(I) Using Photoinduced Free Radical Generation Luisa Marin M.; McGilvray Katherine L.; Scaiano Juan C. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 130, 16572-16584, 2008	8.24
68	Mechanistic aspects of ligand exchange in Au nanoparticles Caragheorghopol A.; Chechik V. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 10, 5029-5041, 2008	2.22
69	Potential implication of the chemical properties and bioactivity of nitrone spin traps for therapeutics Villamena, Frederick A.; Das, Amlan; Nash, Kevin M. FUTURE MEDICINAL CHEMISTRY, 4, 1171-1207, 2012	0.85
7. Radical mechanism of a place-exchange reaction of an nanoparticles Ionita P ; Gilbert BC ; Chechik V Angew. Chem. Int. Ed., 44, 3720-3722, 2005		
70	Chemical Enhancement by Nanomaterials under X-ray Irradiation Cheng, Neal N.; Starkewolf, Zane; Davidson, R. Andrew; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 134, 1950-1953, 2012	8.24
71	Imaging Isolated Gold Atom Catalytic Sites in Zeolite NaY Lu, Jing; Aydin, Ceren; Browning, Nigel D.; et al. ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, 51, 5842-5846, 2012	10.11
72	Preparation, characterization, surface modification and redox reactions of silver nanoparticles in the presence of tryptophan Jacob, Jasmine A.; Naumov, Sergej; Mukherjee, Tulsii; et al. COLLOIDS AND SURFACES B-BIOINTERFACES, 87, 498-504, 2011	1.06
74	Plasmon Coupling in Dimers of Au Nanorods Prasad Padmanabhan; Thomas K. George ADVANCED MATERIALS, 20, 4300-4305, 2008	11.27
75	Effect of Electronic Structures of Au Clusters Stabilized by Poly(N-vinyl-2-pyrrolidone) on Aerobic Oxidation Catalysis Tsunoyama Hironori; Ichikuni Nobuyuki; Sakurai Hidehiro; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 131, 7086-7093, 2009	8.24

76	Postsynthesis Racemization and Place Exchange Reactions. Another Step To Unravel the Origin of Chirality for Chiral Ligand-Capped Gold Nanoparticles Qi Hao; Hegmann Torsten JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 130, 14201-14206, 2008	8.24
77	EPR study on the mechanism of H₂O₂-based oxidation of alkylphenols over titanium single-site catalysts Zalomaeva Olga V.; Trukhan Natalia N.; Ivanchikova Irina D.; et al. JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL, 277, 185-192, 2007	1.17
78	Dendritic nanoparticles - The impact of ligand cross-linking on nanocore stability Love Christine S.; Ashworth Ian; Brennan Colin; et al. LANGMUIR, 23, 5787-5794, 2007	3.73
79	Studying the thermodynamics of surface reactions on nanoparticles by electrostatic titrations Kalsin Alexander M.; Kowalczyk Bartlomiej; Wesson Paul; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 129, 6664, 2007	8.24
80	Understanding the oxidative stability of gold monolayer-protected clusters in the presence of halide ions under ambient conditions Dasog Mita; Scott Robert W. J. LANGMUIR, 23, 3381-3387, 2007	3.73
81	Oxidative homo-coupling of potassium aryltrifluoroborates catalyzed by gold nanocluster under aerobic conditions Sakurai Hidehiro; Tsunoyama Hironori; Tsukuda Tatsuya JOURNAL OF ORGANOMETALLIC CHEMISTRY, 692, 368-374, 2007	1.17
82	Synthesis and characterization of peptide nanostructures chemisorbed on gold Boutin Joelle Martin; Richer Julie; Tremblay Melanie; et al. NEW JOURNAL OF CHEMISTRY, 31, 741-747, 2007	2.19
83	Photochemistry of ruthenium trisbipyridine functionalized on gold nanoparticles Pramod P.; Sudeep P. K.; Thomas K. George; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 110, 20737-20741, 2006	1.95
84	Synthesis of metal nanoparticles stabilized by metal-carbon bonds Mirkhalaf F.; Paprotny J.; Schiffrin DJ JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 128, 7400-7401, 2006	8.24
85	High catalytic activity of manganese-porphyrin cage confining a metal nanocluster in styrene epoxidation Konishi K.; Xu F.; Murakami Y CHEMISTRY LETTERS, 35, 476-477, 2006	1.18
86	Versatile routes toward functional, water-soluble nanoparticles via trifluoroethylester-PEG-thiol ligands Latham AH; Williams ME LANGMUIR, 22, 4319-4326, 2006	3.73
87	In situ observation of place exchange reactions of gold nanoparticles. Correlation of monolayer structure and stability Hong Rui; Fernandez Joseph M.; Nakade Hiroshi; et al. CHEMICAL COMMUNICATIONS, 22, 2347-2349, 2006	4.75
8. Mechanistic study of a place-exchange reaction of au nanoparticles with spin-labeled disulfides Ionita, P; caragheorgheopol, A; Gilbert, BC, Chechik, V LANGMUIR, 20, 11536-11544, 2004		
88	Michael Addition Reactions for the Modification of Gold Nanoparticles Facilitated by Hyperbaric Conditions Hartlen Kurtis D.; Ismaili Hossein; Zhu Jun; et al. LANGMUIR, 28, 864-871, 2012	3.73
89	Intramolecular Ligand Dynamics in d(15)-(PPh(3))-Capped Gold Nanoparticles Investigated by (2)H NMR Sharma Ramesh; Taylor Robert E.; Bouchard Louis-S. JOURNAL OF PHYSICAL CHEMISTRY C, 115, 3297-3303, 2011	2.99
90	NMR Characterization of Ligand Binding and Exchange Dynamics in Triphenylphosphine-Capped Gold Nanoparticles Sharma Ramesh; Holland Gregory P.; Solomon Virgil C.; et al. JOURNAL OF PHYSICAL CHEMISTRY C, 113, 16387-16393, 2009	2.99

91	Dithiolane ligands for semiconductor quantum dots Yildiz Ibrahim; Ray Shuvasree; Benelli Tiziana; et al. JOURNAL OF MATERIALS CHEMISTRY, 18, 3940-3947, 2008	3.41
92	Dendritic functionalization of monolayer-protected gold nanoparticles Cutler Erin C.; Lundin Erik; Garabato B. Davis; et al. MATERIALS RESEARCH BULLETIN, 42, 1178-1185, 2007	1.33
93	Toward greener nanosynthesis Dahl Jennifer A.; Maddux Bettye L. S.; Hutchison James E. CHEMICAL REVIEWS, 107, 2228-2269, 2007	37.36
94	Hopping of thiolate ligands between Au nanoparticles revealed by EPR spectroscopy Zachary Mouna; Chechik Victor ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, 46, 3304-3307, 2007	10.11
95	Stable nitroxyl radicals as pH, thiol and electron transfer probes Weiner L. M. APPLIED MAGNETIC RESONANCE, 31, 357-373, 2007	0.72
96	Immobilization of rhodium complexes at thiolate monolayers on gold surfaces: Catalytic and structural studies Belsler T; Stohr M; Pfaltz A JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 127, 8720-8731, 2005	8.24
9. Lateral diffusion of thiol ligands on the surface of Au nanoparticles: An electron paramagnetic resonance Ionita, P; Volkov, A; Jeschke, G; Chechik, V Analitical Chem., 80, 95-106, 2008		
97	Controlling Particle Location with Mixed Surface Functionalities in Block Copolymer Thin Films Mayeda, Michael K.; Kuan, Wei-Fan; Young, Wen-Shiue; et al. CHEMISTRY OF MATERIALS, 24, 2627-2634, 2012	4.05
98	Structural and Conformational Dynamics of Self-Assembling Bioactive beta-Sheet Peptide Nanostructures Decorated with Multivalent RNA-Binding Peptides Han, Sanghun; Kim, Donghun; Han, So-hee; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 134, 16047-16053, 2012	8.24
99	Lanthanide-Based NMR: A Tool To Investigate Component Distribution in Mixed-Monolayer-Protected Nanoparticles Guarino, Gaetano; Rastrelli, Federico; Scrimin, Paolo; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 134, 7200-7203, 2012	8.24
100	Colloidal Nanocube Supercrystals Stabilized by Multipolar Coulombic Coupling Chan, Henry; Demortiere, Arnaud; Vukovic, Lela; et al. ACS NANO, 6, 4203-4213, 2012	10.15
101	Synthesis and Biological Activity of Kalkitoxin and its Analogues Umezawa Taiki; Sueda Manabu; Kamura Takao; et al. JOURNAL OF ORGANIC CHEMISTRY, 77, 357-370, 2012	2.00
102	Enhanced Stability of Janus Nanoparticles by Covalent Cross-Linking of Surface Ligands Song Yang; Klivansky Liana M.; Liu Yi; et al. LANGMUIR, 27, 14581-14588, 2011	3.73
103	Pulsed electron-electron double resonance (PELDOR) distance measurements in detergent micelles Bode Bela E.; Dastvan Reza; Prisner Thomas F. JOURNAL OF MAGNETIC RESONANCE, 211, 11-17, 2011	1.70
104	Self-Assembly and Shape Morphology of Liquid-Crystalline Gold Metamaterials Draper Michael; Saez Isabel M.; Cowling Stephen J.; et al. ADVANCED FUNCTIONAL MATERIALS, 21, 1260-1278, 2011	9.20
105	Gold nanoparticles as advanced building blocks for nanoscale self-assembled systems Shaw Christopher P.; Fernig David G.; Levy Raphael JOURNAL OF MATERIALS CHEMISTRY, 21, 12181-12187, 2011	3.41
106	Fluorescently Labeled Gold Nanoparticles with Minimal Fluorescence Quenching Lu Yin; Dasog Mita; Leontowich Adam F. G.; et al. JOURNAL OF PHYSICAL CHEMISTRY C, 114, 17446-17454, 2010	2.99

107	Probing the interactions between disulfide-based ligands and gold nanoparticles using a functionalised fluorescent perylene-monoimide dye Navarro Julien R. G.; Plugge Marcel; Loumagne Matthieu; et al. PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, 9, 1042-1054, 2010	1.14
108	Morphology of mixed-monolayers protecting metal nanoparticles Gentilini Cristina; Pasquato Lucia JOURNAL OF MATERIALS CHEMISTRY, 20, 1403-1412, 2010	3.41
109	Molecular beacon-metal nanowire interface: Effect of probe sequence and surface coverage on sensor performance Cederquist Kristin B.; Golightly Rebecca Stoermer; Keating Christine D. LANGMUIR, 24, 9162-9171, 2008	3.73
110	Electrode modified with toluidine blue-doped silica nanoparticles, and its use for enhanced amperometric sensing of hemoglobin Liu Meichuan; Shi Guoyue; Zhang Li; et al. ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 391, 1951-1959, 2008	2.01
10. Normal and reversed-phase TLC of some hydrazine derivatives Ionita G ; Constantinescu T ; Ionita P JPC-J. Planar Chromatogr.-Modern TLC, 11, 141-144, 1998		
111	Effect of salt concentration and pH on the hydrophobicity parameters of surfactants studied by TLC and spectral mapping technique Cserhati T; Forgacs E; Oros G JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS, 38, 1-15, 1999	0.79
112	Synthesis of 4-aryloxy-7-nitrobenzofurazan derivatives from 4-chloro-7-nitrobenzofurazan and various phenoxide anions (including pharmaceuticals) in the presence of crown ethers Bem, M; Caproiu, MT; Stoicescu, D; et al. CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, 1, 260-276, 2003	0.65
113	Influence of salt and pH on the hydrophobicity parameters of antisense nucleosides studied by reversed-phase thin-layer chromatography and multivariate mathematical-statistical methods Cserhati T; Forgacs E JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS, 41, 21-30, 1999	0.79
114	Lipophilicity of a series of 1,2-benzisothiazol-3(2H)-ones determined by reversed-phase thin-layer chromatography Slawik T; Kowalski C JOURNAL OF CHROMATOGRAPHY A, 952, 295-299, 2002	1.81
11. Synthesis and electron paramagnetic resonance study of a nitroxide free radical covalently bonded on aminopropyl-silica gel Tudose, M; Constantinescu, T; Balaban, AT, Ionita, P App. Surf. Sci., 254, 1904-1908, 2008		
115	Playing with organic radicals as building blocks for functional molecular materials Ratera Imma; Veciana Jaume CHEMICAL SOCIETY REVIEWS, 41, 303-349, 2012	23.92
116	Probing Liquid/Solid Interfaces at the Molecular Level Zaera, Francisco CHEMICAL REVIEWS, 112, 2920-2986, 2012	37.36
117	Organic radicals, a promising route towards original molecule-based magnetic materials Train Cyrille; Norel Lucie; Baumgarten Martin COORDINATION CHEMISTRY REVIEWS, 253, 2342-2351, 2009	7.57
12. Synthesis and characterisation of some novel hetero-diradicals containing linked hydrazyl and aminoxyl (nitroxide) moieties Ionita P ; Whitwood AC ; Gilbert BC J. Chem. Soc.-Perkin Trans. 2, 1453-1462, 2001		
118	Electrochemical studies of verdazyl radicals Gilroy Joe B.; McKinnon Stephen D. J.; Koivisto Bryan D.; et al. ORGANIC LETTERS, 9, 4837-4840, 2007	2.68
119	TPAP/NMO system as a novel method for the synthesis of nitronyl nitroxide radicals Gorini L; Caneschi A; Menichetti S SYNLETT, 6, 948-950, 2006	1.27

13. Dipole-dipole interactions in spin-labeled Au nanoparticles as a measure of interspin distances Ionita P ; Caragheorghopol A ; Gilbert BC ; Chechik, V J. Phys. Chem. B, 109, 3734-3742, 2005		
120	Distance measurements in Au nanoparticles functionalized with nitroxide radicals and Gd3+-DTPA chelate complexes Yulikov, Maxim; Lueders, Petra; Warsi, Muhammad Farooq; et al. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 14, 10732-10746, 2012	2.22
121	Salt induced thermodynamic instability, concentration heterogeneity and phase transitions in lysozyme solutions Rozhkov, S. P.; Goryunov, A. S. BIOPHYSICAL CHEMISTRY, 170, 34-41, 2012	1.17
122	Intermolecular distances of carboxylated TEMPO derivatives on TiO2 evaluated by spin-probe ESR Kano, Yuta; Kushimoto, Kohei; Komaguchi, Kenji; et al. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 14, 15988-15990, 2012	2.22
123	Soft-UV photolithography using self-assembled monolayers Critchley Kevin; Zhang Lixin; Fukushima Hitoshi; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 110, 17167-17174, 2006	1.95
124	Free radical sensor based on CdSe quantum dots with added 4-amino-2,2,6,6-tetramethylpiperidine oxide functionality Maurel Vincent; Laferriere Marie; Billone Paul; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 110, 16353-16358, 2006	1.95
125	Electron transfer quenching by nitroxide radicals of the fluorescence of carbon dots Lin, Feng; Pei, Dejun; He, Weina; et al. JOURNAL OF MATERIALS CHEMISTRY, 22, 11801-11807, 2012	3.41
14. Influence of cyclodextrins on the kinetics of oxidation of amino acids and BSA by hydrazyl radicals Ionita G ; Ionita P ; Sahini VE ; Luca, C J. Incl. Phen. Macro. Chem., 39, 269-271, 2001		
126	Hydroxypropyl-beta-Cyclodextrin Copolymers and Their Nanoparticles as Doxorubicin Delivery System Wang Tiewei; Zhang Chunling; Liang Xing-Jie; et al. JOURNAL OF PHARMACEUTICAL SCIENCES, 100, 1067-1079, 2011	2.27
127	Construction of hydroxypropyl-beta-cyclodextrin copolymer nanoparticles and targeting delivery of paclitaxel Miao, Qinghua; Li, Suping; Han, Siyuan; et al. JOURNAL OF NANOPARTICLE RESEARCH, 14, 1043, 2012	2.99
128	Forster resonance energy transfer between pyrene and bovine serum albumin: Effect of the hydrophobic pockets of cyclodextrins Maity, Arnab; Mukherjee, Puspall; Das, Tarasankar; et al. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, 92, 382-387, 2012	0.77
129	Evidence of changes in hydrophilic/hydrophobic balance and in chemical activity of HSA induced by thermal treatments Sahini, Victor Em.; Ionita, Gabriela CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, 9, 245-252, 2011	0.65
130	Ethylenediamino bridged bis(beta-cyclodextrin)/poly(DL-lactic-co-glycolic acid) nanoparticles prepared by modified double emulsion method: Effect of polyvinyl alcohol on nanoparticle properties Gao Hui; Wang Yinong; Fan Yunge; et al. JOURNAL OF APPLIED POLYMER SCIENCE, 107, 571-576, 2008	1.00
131	Conjugates of poly(DL-lactic acid) with ethylenediamino or diethylenetriamino bridged bis(beta-cyclodextrin)s and their nanoparticles as protein delivery systems Gao H; Yang YW; Fan YG; et al. JOURNAL OF CONTROLLED RELEASE, 112, 301-311, 2006	5.25
132	Preparation and characterization of the solid inclusion compounds of alpha-, beta-cyclodextrin with phenylalanine (D-, L- and DL-Phe) and tryptophan (D-, L- and DL-Trp) Song LX; Teng CF; Yang Y JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, 54, 221-232, 2006	0.76

133	Characterization of alkane diol-CD complexes. Acid denitrosation of N-methyl-N-nitroso-p-toluenesulphonamide as a chemical probe Cabaleiro-Lago C; Garcia-Rio L; Herves P; et al. JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, 54, 209-216, 2006	0.76
134	Degradation of supramolecular complexes photoinduced by iron(III): The influence of the host on the reactivity of the guest Hykrdova L; Jirkovsky J; Grabner G; et al. PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, 2, 163-170, 2003	1.14
135	Inclusion compounds between alpha-, beta- and gamma-cyclodextrins: iron II lactate: a theoretical and experimental study using diffusion coefficients and molecular mechanics Leite RA; Lino ACS; Takahata Y JOURNAL OF MOLECULAR STRUCTURE, 644, 49-53, 2003	0.55
15. Ligand dynamics in spin-labeled au nanoparticles Ionita P ; Wolowska J ; Chechik V ; Caragheorgheopol, A J. Phys. Chem. C, 111, 16717-16723, 2007		
136	Strategies for increasing relaxivity of gold nanoparticle based MRI contrast agents Warsi Muhammad Farooq; Chechik Victor PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 13, 9812-9817, 2011	2.22
137	Gd-functionalised Au nanoparticles as targeted contrast agents in MRI: relaxivity enhancement by polyelectrolyte coating Warsi Muhammad Farooq; Adams Ralph W.; Duckett Simon B.; et al. CHEMICAL COMMUNICATIONS, 46, 451-453, 2010	4.75
138	Gold Nanoparticles in Chemical and Biological Sensing Saha, Krishnendu; Agasti, Sarit S.; Kim, Chaekyu; et al. CHEMICAL REVIEWS, 112, 2739-2779, 2012	37.36
139	Attaching Persistent Organic Free Radicals to Surfaces: How and Why Mas-Torrent, Marta; Crivillers, Nuria; Rovira, Concepcio; et al. CHEMICAL REVIEWS, 112, 2506-2527, 2012	37.36
140	Gemini Imidazolium Amphiphiles for the Synthesis, Stabilization, and Drug Delivery from Gold Nanoparticles Casal-Dujat, Lucia; Rodrigues, Mafalda; Yaguee, Alex; et al. LANGMUIR, 28, 2368-2381, 2012	3.73
16. Dual behavior of gold nanoparticles, as generators and scavengers for free radicals Ionita P. ; Spafiu F. ; Ghica C. J. Mat. Sci., 43, 6571-6574, 2008		
141	: Assessment of decellularized porcine diaphragm conjugated with gold nanomaterials as a tissue scaffold for wound healing Cozad Matthew J.; Bachman Sharon L.; Grant Sheila A. JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, 99A, 426-434, 2011	1.46
142	Construction and Photophysical Properties of Organic-Inorganic Nanonetworks Based on Oligo(phenylenevinylene) and Functionalized Gold Nanoparticles Yang Jien; Liu Xiaofeng; Huang Changshui; et al. CHEMPHYSICHEM, 11, 659-664, 2010	2.20
143	Forming contacts and grain boundaries between MgO nanoparticles Nowak Julia Deneen; Carter C. Barry JOURNAL OF MATERIALS SCIENCE, 44, 2408-2418, 2009	1.19
144	Characterization of synthesized silver nanoparticles and assessment of its genotoxicity potentials using the alkaline comet assay Flower, Natesan A. L.; Brabu, Balusamy; Revathy, Murugan; et al. MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, 742, 61-65, 2012	1.12
145	High-performance liquid chromatographic method to evaluate the hydrogen atom transfer during reaction between 1,1-diphenyl-2-picryl-hydrazyl radical and antioxidants Boudier, Ariane; Tournebize, Juliana; Bartosz, Grzegorz; et al. ANALYTICA CHIMICA ACTA, 711, 97-106, 2012	1.86
17. Is DPPH stable free radical a good scavenger for oxygen active species? Ionita, P Chem. Pap., 59, 11-16, 2005		

146	Aldehydes from Oxidized Lipids Can React with 2,2-Diphenyl-1-Picrylhydrazyl (DPPH) Free Radicals in Isooctane Systems Jeong, Min Kyu; Yeo, JuDong; Jang, Eun Yeong; et al. JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, 89, 1831-1838, 2012	1.56
147	Ultrasonic-assisted extraction and antioxidant activity of polysaccharides recovered from white button mushroom (Agaricus bisporus) Tian, Yuting; Zeng, Hongliang; Xu, Zhenbo; et al. CARBOHYDRATE POLYMERS, 88, 522-529, 2012	2.32
148	Interaction of CdTe Quantum Dots with 2,2-Diphenyl-1-Picrylhydrazyl Free Radical: A Spectroscopic, Fluorimetric and Kinetic Study Adegoke, Oluwasesan; Chidawanyika, Wadzanai; Nyokong, Tebello JOURNAL OF FLUORESCENCE, 22, 771-778, 2012	1.27
149	A Facile Electrochemical Analysis to Determine Antioxidant Activity of Flavonoids against DPPH Radical Ahmed, Safeer; Tabassum, Sajida; Shakeel, Faria; et al. JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 159, F103-F109, 2012	2.02
150	Actual Structure, Thermodynamic Driving Force, and Mechanism of Benzofuranone-Typical Compounds as Antioxidants in Solution Zhu, Xiao-Qing; Zhou, Jian; Wang, Chun-Hua; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 115, 3588-3603, 2011	1.95
151	Antioxidant defenses and oxidative stress parameters in tissues of mud crab (Scylla serrata) with reference to changing salinity Paital, Biswaranjan; Chainy, G. B. N. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, 151, 142-151, 2010	1.80
152	Green Synthesis of Vicinal Dithioethers and Alkenyl Thioethers from the Reaction of Alkynes and Thiols in Water Jin, Zhuang; Xu, Bo; Hammond, Gerald B. EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, 1, 168-173, 2010	1.64
18. Electron paramagnetic resonance of the free radicals in the gas- and particulate phases of cigarette smoke using spin-trapping Ghosh, Mariana ; Ionita, Petre ; McAughey, John ; Cunningham, F ARKIVOC 12, 74-8412, 2008		
153	Methods for Analysis of Free Radicals in Cigarette Smoke Robinson, E. A.; Johnson, J. D. MINI-REVIEWS IN ORGANIC CHEMISTRY, 8, 401-411, 2011	1.24
154	Gas-Phase Radicals in Cigarette Smoke: A Re-evaluation of the Steady-State Model and the Cambridge Filter Pad Wooten, Jan B. MINI-REVIEWS IN ORGANIC CHEMISTRY, 8, 412-426, 2011	1.24
19. Generation of oxygen-, sulfur, carbon-, nitrogen- and phosphorus-centred short-lived radicals via one-electron oxidation with stable hydrazyl radical Ionita, P ; Gilbert, BC ; Whitwood, AC Let. Org. Chem., 1, 70-74, 2004		
155	Phenoxy radical detection using P-31 NMR spin trapping Zoia, Luca; Argyropoulos, Dimitris S. JOURNAL OF PHYSICAL ORGANIC CHEMISTRY, 22, 1070-1077, 2009	0.78
156	Cyclohexane oxidation using Au/MgO: an investigation of the reaction mechanism Conte, Marco; Liu, Xi; Murphy, Damien M.; et al. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 14, 16279-16285, 2012	2.22
157	4-aryl-1,3,2-oxathiazolylum-5-olates as pH-controlled NO-donors: The next generation of S-nitrosothiols Lu, Dongning; Nadas, Janos; Zhang, Guisheng; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 129, 5503-5514, 2007	8.24
20. DeerAnalysis2006 - a comprehensive software package for analyzing pulsed ELDOR data Jeschke, G. ; Chechik, V. ; Ionita, P. ; Godt, A; Zimmermann, H; Banham, J App. Mag. Res., 30, 473-498, 2006		
158	Symmetry-Constrained Analysis of Pulsed Double Electron-Electron Resonance (DEER) Spectroscopy Reveals the Dynamic Nature of the KcsA Activation Gate Dalmas, Olivier; Hyde, H. Clark; Hulse, Raymond E.; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 134, 16360-16369, 2012	8.24

159	Heme Binding Constricts the Conformational Dynamics of the Cytochrome b(559)' Heme Binding Cavity Akdogan, Yasar; Anbazhagan, Veerappan; Hinderberger, Dariush; et al. BIOCHEMISTRY, 51, 7149-7156, 2012	1.36
160	Crystal structure of the UvrB dimer: insights into the nature and functioning of the UvrAB damage engagement and UvrB-DNA complexes Webster, Matthew P. J.; Jukes, Rachael; Zamfir, Vlad S.; et al. NUCLEIC ACIDS RESEARCH, 40, 8743-8758, 2012	3.26
161	Detergent-Free Incorporation of a Seven-Transmembrane Receptor Protein into Nanosized Bilayer Lipodisc Particles for Functional and Biophysical Studies Orwick-Rydmark, Marcella; Lovett, Janet E.; Graziadei, Andrea; et al. NANO LETTERS, 12, 4687-4692, 2012	14.57
162	Mapping Molecular Flexibility of Proteins with Site-Directed Spin Labeling: A Case Study of Myoglobin Lopez, Carlos J.; Oga, Shirley; Hubbell, Wayne L. BIOCHEMISTRY, 51, 6568-6583, 2012	1.36
163	End-to-End Distance Determination in a Cucurbit[6]uril-Based Rotaxane by PELDOR Spectroscopy Pievo, Roberta; Casati, Costanza; Franchi, Paola; et al. CHEMPHYSICHEM, 13, 2659-2661, 2012	2.20
164	Conformational Basis for Asymmetric Seeding Barrier in Filaments of Three- and Four-Repeat Tau Siddiqua, Ayisha; Luo, Yin; Meyer, Virginia; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 134, 10271-10278, 2012	8.24
165	Asymmetry in the Homodimeric ABC Transporter MsbA Recognized by a DARPin Mittal, Anshumali; Boehm, Simon; Gruetter, Markus G.; et al. JOURNAL OF BIOLOGICAL CHEMISTRY, 287, 20395-20406, 2012	2.36
166	Dielectric Resonator for K-a-Band Pulsed EPR Measurements at Cryogenic Temperatures: Probehead Construction and Applications Raitsimring, A.; Astashkin, A.; Enemark, J. H.; et al. APPLIED MAGNETIC RESONANCE, 42, 441-452, 2012	0.72
167	Improved Sensitivity by Isotopic Substitution in Distance Measurements Based on Double Quantum Coherence EPR Abe, Jun; Ueki, Shoji; Arata, Toshiaki; et al. APPLIED MAGNETIC RESONANCE, 42, 473-485, 2012	0.72
168	Solution Structure of the ESCRT-I and -II Supercomplex: Implications for Membrane Budding and Scission Boura, Evzen; Rozycki, Bartosz; Chung, Hoi Sung; et al. STRUCTURE, 20, 74-886, 2012	3.72
169	Intracellular Conformations of Human Telomeric Quadruplexes Studied by Electron Paramagnetic Resonance Spectroscopy Azarkh, Mykhailo; Singh, Vijay; Okle, Oliver; et al. CHEMPHYSICHEM, 13, 1444-1447, 2012	2.20
170	Hunting the Chameleon: Structural Conformations of the Intrinsically Disordered Protein Alpha-Synuclein Drescher, Malte; Huber, Martina; Subramaniam, Vinod CHEMBIOCHEM, 13, 761-768, 2012	3.18
171	Site-Directed Spin Labeling of DNA Reveals Mismatch-Induced Nanometer Distance Changes between Flanking Nucleotides Wunnicke, Dorith; Ding, Ping; Seela, Frank; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 116, 4118-4123, 2012	1.95
172	Simulating the Dynamics and Orientations of Spin-Labeled Side Chains in a Protein-DNA Complex Sarver, Jessica L.; Townsend, Jacqueline E.; Rajapakse, Gayathri; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 116, 4024-4033, 2012	1.95
173	Conformational changes of the betaine transporter BetP from Corynebacterium glutamicum studied by pulse EPR spectroscopy Nicklisch, S. C. T.; Wunnicke, D.; Borovykh, I. V.; et al. BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, 1818, 359-366, 2012	1.66
174	Fibril Structure of Human Islet Amyloid Polypeptide Bedrood, Sahar; Li, Yiyu; Isas, J. Mario; et al. JOURNAL OF BIOLOGICAL CHEMISTRY, 287, 5235-5241, 2012	2.36

175	Secondary and Tertiary Structure of Bacteriorhodopsin in the SDS Denatured State Krishnamani, Venkatramanan; Hegde, Balachandra G.; Langen, Ralf; et al. BIOCHEMISTRY, 51, 1051-1060, 2012	1.36
176	Global Structure of a Three-Way Junction in a Phi29 Packaging RNA Dimer Determined Using Site-Directed Spin Labeling Zhang, Xiaojun; Tung, Chang-Shung; Sowa, Glenna Z.; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 134, 2644-2652, 2012	8.24
177	Rigid Core and Flexible Terminus STRUCTURE OF SOLUBILIZED LIGHT-HARVESTING CHLOROPHYLL a/b COMPLEX (LHCII) MEASURED BY EPR Docker, Christoph; Mueller, Andre H.; Dietz, Carsten; et al. JOURNAL OF BIOLOGICAL CHEMISTRY, 287, 2915-2925, 2012	2.36
178	Structural Studies of Mycobacterium tuberculosis Rv0899 Reveal a Monomeric Membrane-Anchoring Protein with Two Separate Domains Li, Juan; Shi, Chaowei; Gao, Yuan; et al. JOURNAL OF MOLECULAR BIOLOGY, 415, 382-392, 2012	2.00
179	Investigation of Model Membrane Disruption Mechanism by Melittin using Pulse Electron Paramagnetic Resonance Spectroscopy and Cryogenic Transmission Electron Microscopy Gordon-Grossman, Michal; Zimmermann, Herbert; Wolf, Sharon G.; et al. JOURNAL OF PHYSICAL CHEMISTRY B, 116, 179-188, 2012	1.95
180	Conformations of individual quadruplex units studied in the context of extended human telomeric DNA Singh, Vijay; Azarkh, Mykhailo; Drescher, Malte; et al. CHEMICAL COMMUNICATIONS, 48, 8258-8260, 2012	4.75
181	Spectroscopic selection of distance measurements in a protein dimer with mixed nitroxide and Gd3+ spin labels Kaminker, Ilia; Yagi, Hiromasa; Huber, Thomas; et al. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 14, 4355-4358, 2012	2.22
182	Solvent-Induced Protein Refolding at Low Temperatures Akdogan, Yasar; Hinderberger, Dariush JOURNAL OF PHYSICAL CHEMISTRY B, 115, 15422-15429, 2011	1.95
183	Lipid and Membrane Mimetic Environments Modulate Spin Label Side Chain Configuration in the Outer Membrane Protein A Jimenez, Ricardo H. Flores; Freed, Daniel M.; Cafiso, David S. JOURNAL OF PHYSICAL CHEMISTRY B, 115, 14822-14830, 2011	1.95
184	Transmembrane Gate Movements in the Type II ATP-binding Cassette (ABC) Importer BtuCD-F during Nucleotide Cycle Joseph, Benesh; Jeschke, Gunnar; Goetz, Birke A.; et al. JOURNAL OF BIOLOGICAL CHEMISTRY, 286, 41008-41017, 2011	2.36
185	Analysis of Conformational Changes in the DNA Junction-Resolving Enzyme T7 Endonuclease I on Binding a Four-Way Junction Using EPR Freeman, Alasdair D. J.; Ward, Richard; El Mkami, Hassane; et al. BIOCHEMISTRY, 50, 9963-9972, 2011	1.36
186	Equilibration of Tyrosyl Radicals (Y-356(center dot), Y-731(center dot), Y-730(center dot)) in the Radical Propagation Pathway of the Escherichia coli Class Ia Ribonucleotide Reductase Yokoyama, Kenichi; Smith, Albert A.; Corzilius, Bjoern; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 133, 18420-18432, 2011	8.24
187	Toward the Fourth Dimension of Membrane Protein Structure: Insight into Dynamics from Spin-Labeling EPR Spectroscopy Mchaourab, Hassane S.; Steed, P. Ryan; Kazmier, Kelli STRUCTURE, 19, 1549-1561, 2011	3.72
188	Evidence for Direct Binding between HetR from Anabaena sp PCC 7120 and PatS-5 Feldmann, Erik A.; Ni, Shuisong; Sahu, Indra D.; et al. BIOCHEMISTRY, 50, 9212-9224, 2011	1.36
189	Monomeric and Dimeric Conformation of the Vinculin Tail Five-Helix Bundle in Solution Studied by EPR Spectroscopy Abe, Christoph; Dietrich, Franziska; Gajula, Prasad; et al. BIOPHYSICAL JOURNAL, 101, 1772-1780, 2011	2.15

190	Conformational changes of the chaperone SecB upon binding to a model substrate - bovine pancreatic trypsin inhibitor (BPTI) Haimann, Michaela M.; Akdogan, Yasar; Philipp, Reinhard; et al. BIOLOGICAL CHEMISTRY, 392, 849-858, 2011	1.18
191	Long-Range Distance Determination in a DNA Model System inside <i>Xenopus laevis</i> Oocytes by In-Cell Spin-Label EPR Azarkh, Mykhailo; Okle, Oliver; Singh, Vijay; et al. CHEMBIOCHEM, 12, 1992-1995, 2011	3.18
192	Interconversion between bound and free conformations of LexA orchestrates the bacterial SOS response Butala, Matej; Klose, Daniel; Hodnik, Vesna; et al. NUCLEIC ACIDS RESEARCH, 39, 6546-6557, 2011	3.26
193	Gadolinium Tagging for High-Precision Measurements of 6 nm Distances in Protein Assemblies by EPR Yagi, Hiromasa; Banerjee, Debamalya; Graham, Bim; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 133, 10418-10421, 2011	8.24
194	Electron Paramagnetic Resonance Spectroscopy Measures the Distance between the External beta-Strands of Folded alpha-Synuclein in Amyloid Fibrils Karyagina, Irina; Becker, Stefan; Giller, Karin; et al. BIOPHYSICAL JOURNAL, 101, L1-L3, 2011	2.15
195	The Short-Lived Signaling State of the Photoactive Yellow Protein Photoreceptor Revealed by Combined Structural Probes Ramachandran, Pradeep L.; Lovett, Janet E.; Carl, Patrick J.; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 133, 9395-9404, 2011	8.24
196	Multifrequency Electron Paramagnetic Resonance Characterization of PpoA, a CYP450 Fusion Protein that Catalyzes Fatty Acid Dioxygenation Fielding, Alistair J.; Brodhun, Florian; Koch, Christian; et al. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 133, 9052-9062, 2011	8.24
197	Crystal structure of the FimD usher bound to its cognate FimC-FimH substrate Phan, Gilles; Remaut, Han; Wang, Tao; et al. NATURE, 474, 49-U71, 2011	35.47
198	Characterization of the E506Q and H537A Dysfunctional Mutants in the E. coli ABC Transporter MsbA Schultz, Kathryn M.; Merten, Jacqueline A.; Klug, Candice S. BIOCHEMISTRY, 50, 3599-3608, 2011	1.36
199	Characterization of the Solution Structure of Human Serum Albumin Loaded with a Metal Porphyrin and Fatty Acids Junk, Matthias J. N.; Spiess, Hans W.; Hinderberger, Dariush BIOPHYSICAL JOURNAL, 100, 2293-2301, 2011	2.15
200	Phosphatidylinositol 4,5-Bisphosphate Alters Synaptotagmin 1 Membrane Docking and Drives Opposing Bilayers Closer Together Kuo, Weiwei; Herrick, Dawn Z.; Cafiso, David S. BIOCHEMISTRY, 50, 2633-2641, 2011	1.36
N_c= 200		C_{med}= 10

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