

Sadegh Salehzadeh

List of Publications by Year in descending order

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152
papers

2,198
citations

218592

26
h-index

377752

34
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155
all docs

155
docs citations

155
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel(II) complexes of two potentially heptadentate(N7) Tripodal Schiff-base ligands; X-ray crystal structure and theoretical studies. <i>Journal of Molecular Structure</i> , 2022, 1247, 131359.	1.8	3
2	A computational study on the nature, strength and cooperativity of bonds in $[M(\text{Cp})_5\text{C}_6\text{Me}_5(\text{CO})_3]$ and $[M(\text{Cp})_5\text{Cp}(\text{CO})_3]$ ($n = 3$, $M = \text{Mn}$), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.5	4
3	Spectroscopic studies on the interaction of aspartame with human serum albumin. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 300-316.	0.4	4
4	The Use of Molecular Docking and Spectroscopic Methods for Investigation of The Interaction Between Regorafenib with Human Serum Albumin (HSA) and Calf Thymus DNA (Ct-DNA) In The Presence Of Different Site Markers. <i>Protein and Peptide Letters</i> , 2021, 28, 290-303.	0.4	5
5	The comparison of structure, nature of bond, and electronic transitions in $[M(\text{Cp})_5\text{C}_6\text{Me}_5(\text{Cp})_3]$ ($M = \text{Fe}^{2+}$, Ru^{2+} , Os^{2+}) hybrids and corresponding metallocenes; a theoretical study. <i>Journal of Computational Chemistry</i> , 2021, 42, 1354-1363.	1.5	4
6	A new series of manganese(II) complexes of three fully condensed Schiff base ligands derived from some symmetrical and asymmetrical tripodal tetraamines and 2-pyridinecarboxyaldehyde. <i>Journal of Molecular Structure</i> , 2021, 1245, 130982.	1.8	3
7	Synthesis and crystal structure of manganese(III), zinc(II) and cadmium(II) complexes based on a symmetrical macrocyclic Schiff base ligand containing piperazine moiety, DNA binding studies of complexes. <i>Transition Metal Chemistry</i> , 2020, 45, 227-235.	0.7	9
8	Quantum mechanics and molecular dynamics studies on the $\text{C}\cdots\text{H}$ interaction between small fullerenes (C ₃₆ and C ₂₄) and $[M(\text{H}_2\text{O})_6]^{2+}$ ($M = \text{Ca}^{2+}$, Zn^{2+}) cations. <i>Journal of Molecular Liquids</i> , 2020, 301, 112339.	2.3	2
9	Probing the Strength and Mechanism of Binding Between Amifampridine and Calf Thymus DNA. <i>DNA and Cell Biology</i> , 2020, 39, 2134-2142.	0.9	4
10	Multi-spectroscopic and molecular docking studies on the interaction of neotame with calf thymus DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 699-714.	0.4	1
11	Synthesis and DNA interaction studies of Ni(II), Cu(II) and Co(II) complexes with a polyamine ligand containing homopiperazine; X-ray crystal structure of Cu(II) complex. <i>Chemical Papers</i> , 2020, 74, 4433-4441.	1.0	4
12	The solvent effect on selectivity of four well-known cryptands and crown ethers toward Na ⁺ and K ⁺ cations; A computational study. <i>Journal of Molecular Liquids</i> , 2020, 309, 113149.	2.3	9
13	<i>In vitro</i> cytotoxicity and DNA/HSA interaction study of triamterene using molecular modelling and multi-spectroscopic methods. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2242-2253.	2.0	27
14	Anticancer activity, calf thymus DNA and human serum albumin binding properties of Farnesiferol C from <i>Ferula pseudalliacea</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2789-2800.	2.0	22
15	DNA binding studies and antibacterial properties of a new Schiff base ligand containing homopiperazine and products of its reaction with Zn(II), Cu(II) and Co(II) metal ions: X-ray crystal structure of Cu(II) and Zn(II) complexes. <i>Polyhedron</i> , 2019, 170, 584-592.	1.0	16
16	Significant geometry and charge difference between the E_5^{4-} bare clusters of group 14 Zintl anions and their coordinated form in $[E_5\{M(\text{CO})_3\}_2]^{4-}$ ($E = \text{Si, Ge, Sn, Pb}$; $M = \text{Cr, Mo, W}$) complexes. <i>New Journal of Chemistry</i> , 2019, 43, 7797-7805.	1.4	9
17	DNA binding and molecular docking studies of a new Cu(II) complex of isoxsuprine drug. <i>Polyhedron</i> , 2019, 162, 232-239.	1.0	17
18	The solvent-free synthesis of polysubstituted pyrroles by a reusable copper Schiff base complex immobilized on silica coated Fe_3O_4 , and DNA binding study of one resulting derivative as a potential anticancer drug. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4754.	1.7	7

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19	Preparation of a highly stable drug carrier by efficient immobilization of human serum albumin (HSA) on drug-loaded magnetic iron oxide nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 931-940.	3.6	27
20	Cytotoxicity and antioxidant activity of Kamolonol acetate from <i>Ferula pseudalliacea</i> , and studying its interactions with calf thymus DNA (ct-DNA) and human serum albumin (HSA) by spectroscopic and molecular docking techniques. <i>Process Biochemistry</i> , 2019, 79, 203-213.	1.8	35
21	Synthesis of 1-(\pm -aminoalkyl)-2-naphthol and \pm -aminonitrile derivatives with molybdenum Schiff base complex covalently bonded on silica-coated magnetic nanoparticles and DNA interaction study of one type of derivatives using computational and spectroscopic methods. <i>Bioorganic Chemistry</i> , 2019, 85, 420-430.	2.0	17
22	Preparation, characterization and catalytic application of molybdenum Schiff base complex immobilized on silica-coated Fe_3O_4 as a reusable catalyst for the synthesis of pyranopyrazole derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4723.	1.7	21
23	Binding site identification of anticancer drug gefitinib to HSA and DNA in the presence of five different probes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 823-836.	2.0	25
24	New Pd/Pt-[60]fullerene complexes of phosphorus ylides as anticancer agents: Cytotoxic investigation and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2018, 860, 49-58.	0.8	8
25	Phase equilibrium measurements and thermodynamic modelling of {water+phenol+Hmim}[NTf ₂] ionic liquid system at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2018, 119, 76-83.	1.0	16
26	Comment on "A convenient method for preparation of 2-amino-4,6-diphenylnicotinonitrile using HBF ₄ as an efficient catalyst via an anomeric based oxidation: A joint experimental and theoretical study". <i>J. Mol. Struct.</i> 1137 (2017) 674-680]. <i>Journal of Molecular Structure</i> , 2018, 1154, 587-589.	1.8	1
27	Binding Studies of Isoxsuprine Hydrochloride to Calf Thymus DNA Using Multispectroscopic and Molecular Docking Techniques. <i>Journal of Fluorescence</i> , 2018, 28, 195-206.	1.3	25
28	Formation of silicon carbide by laser ablation in graphene oxide-N-methyl-2-pyrrolidone suspension on silicon surface. <i>Applied Surface Science</i> , 2018, 427, 640-648.	3.1	10
29	Erratum to "Comment on "A convenient method for preparation of 2-amino-4,6-diphenylnicotinonitrile using HBF ₄ as an efficient catalyst via an anomeric based oxidation: A joint experimental and theoretical study". <i>J. Mol. Struct.</i> 1137 (2017) 674-680". <i>J. Mol. Struct.</i> 1154 (2018) 587-589]. <i>Journal of Molecular Structure</i> , 2018, 1156, 632.	1.8	1
30	Where and How Does an Organic Molecule Having a "X Bond Release X ⁺ Anion Like an Inorganic Compound? A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7598-7613.	1.1	2
31	Improving antiproliferative effect of the nevirapine on Hela cells by loading onto chitosan coated magnetic nanoparticles as a fully biocompatible nano drug carrier. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1220-1228.	3.6	28
32	Pd/Pt metallacyclopropa[60]fullerene complexes bearing versatile phosphorous ylide ligands; a comprehensive multi-spectroscopic, electrochemistry, theoretical and catalytic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 416-424.	2.0	6
33	Copper Schiff base complex immobilized on silica-coated Fe_3O_4 nanoparticles: a recoverable and efficient catalyst for synthesis of polysubstituted pyrroles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4501.	1.7	17
34	Synthesis, characterization and theoretical and fluorescence emission microscopy studies of new Pd/Pt-cyclopropa[60]fullerene complexes: Application of Taguchi method for optimization of parameters in Suzuki-Miyaura reaction. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4382.	1.7	8
35	Macrocyclic mononuclear Ni(II) and macrocyclic tetranuclear Cu(II) complexes: Dimerization of binuclear Cu(II) complexes with help of perchlorate anions. <i>Inorganica Chimica Acta</i> , 2018, 480, 27-32.	1.2	5
36	Extension of the atom by atom scheme of counterpoise method and presentation of its new advantages. <i>Journal of Chemical Physics</i> , 2018, 149, 064116.	1.2	2

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37	Mn(III)â€“pentadentate Schiff base complex supported on multiâ€“walled carbon nanotubes as a green, mild and heterogeneous catalyst for the synthesis of tetrahydrobenzo[<i>b</i>]pyrans via tandem Knoevenagelâ€“Michael cyclocondensation reaction. Applied Organometallic Chemistry, 2017, 31, e3690.	1.7	18
38	A multi-spectroscopic and molecular docking approach to investigate the interaction of antiviral drug oseltamivir with ct-DNA. Nucleosides, Nucleotides and Nucleic Acids, 2017, 36, 435-451.	0.4	22
39	Theoretical study on steric effects, electronic properties, preorganization and solvent effect in hostâ€“guest chemistry of hexaprotonated form of an azacyclophane and halide anions. Journal of the Iranian Chemical Society, 2017, 14, 943-953.	1.2	1
40	Comments on â€œExperimental and theoretical studies of the nanostructured {Fe₃O₄@SiO₂@(CH₂)₃Im}C(CN)₃ catalyst for 2-amino-3-cyanopyridine preparation <i>via</i> an anomeric based oxidationâ€“, <i>RSC Adv.</i>, 2016, 6, 50100â€“50111, and â€œThe first computational study for the oxidative aromatization of pyrazolines and 1,4-dihydropyridines using 1,2,4-triazolinediones: an anomeric-based oxidationâ€“, <i>RSC Adv.</i>, 2016, 6, 102280â€“102. RSC Advances, 2017, 7, 39704-39707.	1.7	5
41	[60]Fullerene-Based Pd(0) Complexes of Phosphorus Ylides as Efficient Nanocatalyst for Homo- and Heterogeneous Mizorokiâ€“Heck Coupling Reactions. Catalysis Letters, 2017, 147, 2319-2331.	1.4	11
42	Molybdenum Schiff base complex supported on MNPs as an efficient and easily recyclable catalyst in three-component Strecker reaction for synthesis of Î±-aminonitrile derivatives. Research on Chemical Intermediates, 2017, 43, 6973-6991.	1.3	16
43	Spectroscopic and molecular docking studies on the interaction of antiviral drug nevirapine with calf thymus DNA. Nucleosides, Nucleotides and Nucleic Acids, 2017, 36, 1-18.	0.4	17
44	Mononuclear palladium(<sc>ii</sc>) and platinum(<sc>ii</sc>) complexes of P,C-donor ligands: synthesis, crystal structures, cytotoxicity, and mechanistic studies of a highly stereoselective Mizorokiâ€“Heck reaction. Inorganic Chemistry Frontiers, 2017, 4, 2107-2118.	3.0	16
45	Synthesis, characterization and heterogeneous catalytic application of a nickel(II) Schiff base complex immobilized on MWCNTs for the Hantzsch four-component condensation. Journal of Coordination Chemistry, 2017, 70, 340-360.	0.8	23
46	Multiâ€“wall carbon nanotube supported Co (II) Schiff base complex: an efficient and highly reusable catalyst for synthesis of 1â€“amidoalkylâ€“2â€“naphthol and tetrahydrobenzo[<i>b</i>]pyran derivatives. Applied Organometallic Chemistry, 2017, 31, e3560.	1.7	13
47	Synthesis, characterization and theoretical study of a new asymmetrical tripodal amine containing morpholine moiety. Arabian Journal of Chemistry, 2016, 9, S1610-S1617.	2.3	5
48	The DFT study of hydrogen bonding and thermodynamic parameters of (CH ₃ OH) _n (H ₂ O) _m (n, m=1â€“8) clusters at different temperatures. Arabian Journal of Chemistry, 2016, 9, S41-S46.	2.3	6
49	Theoretical studies on structure, formation and nature of bond in a Disila-, Digerma- and distannacyclobutene ring. Journal of Theoretical and Computational Chemistry, 2016, 15, 1650032.	1.8	14
50	P,C-Chelation versus P,P-coordination of unsymmetrical phosphorus ylides in palladacyclopropa[60]fullerene complexes; synthetic, spectroscopic, and theoretical studies. Dalton Transactions, 2016, 45, 13899-13906.	1.6	13
51	The effect of a strong cationâ€“Ï€ interaction on a weak seleniumâ€“Ï€ interaction: A theoretical study. Computational and Theoretical Chemistry, 2016, 1092, 41-46.	1.1	12
52	Theoretical studies on the nature and strength of an intermolecular non-covalent Teâ€“â€“â€“Ï€ interaction. Molecular Physics, 2016, 114, 3669-3678.	0.8	4
53	Synthesis of pyrazole derivatives in the presence of a dioxomolybdenum complex supported on silica-coated magnetite nanoparticles as an efficient and easily recyclable catalyst. RSC Advances, 2016, 6, 104875-104885.	1.7	45
54	New equation for calculating total interaction energy in one noncyclic ABC triad and new insights into cooperativity of noncovalent bonds. Journal of Computational Chemistry, 2016, 37, 2799-2807.	1.5	9

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55	The 4s and 3d subshells: Which one fills first in progressing through the periodic table and which one fills first in any particular atom?. <i>Foundations of Chemistry</i> , 2016, 18, 57-65.	0.4	4
56	Where, how and how much the strength of interaction between a hydrated lanthanide cation and a π -system would be increased? A theoretical study. <i>Journal of Molecular Liquids</i> , 2016, 218, 59-67.	2.3	2
57	Some metal complexes of three new potentially heptadentate (N ₄ O ₃) tripodal Schiff base ligands; synthesis, characterization and X-ray crystal structure of a novel eight coordinate Gd(III) complex. <i>Journal of Molecular Structure</i> , 2016, 1108, 727-734.	1.8	16
58	The significant effect of electron donating and electron withdrawing substituents on nature and strength of an intermolecular Se \cdots I interaction. A theoretical study. <i>Computational and Theoretical Chemistry</i> , 2016, 1078, 9-15.	1.1	14
59	The effect of fullerene and some electron donating/withdrawing substituents on the molecular orbitals, strength and the nature of CN bond in a number of R ₂ C=N ₂ imines: A theoretical study. <i>Computational and Theoretical Chemistry</i> , 2015, 1059, 18-26.	1.1	0
60	Comparison of the selectivity of [M(12-Crown-4)] ⁺ (M=Li ⁺ , Na ⁺ , K ⁺) complexes for halide anions and some neutral molecules; a computational study. <i>Journal of Theoretical and Computational Chemistry</i> , 2015, 14, 1550057.	1.8	2
61	MP2 and DFT studies on interaction of a halide anion with the fully protonated form of 1,4,7-triazacyclononane. <i>Journal of Theoretical and Computational Chemistry</i> , 2015, 14, 1550001.	1.8	3
62	Probing the effect of arm length and inter- and intramolecular interactions in the formation of Cu(μ_2) complexes of Schiff base ligands derived from some unsymmetrical tripodal amines. <i>New Journal of Chemistry</i> , 2015, 39, 7429-7441.	1.4	5
63	What causes the weakest host to act as the strongest one? A theoretical study on the host-guest chemistry of five azacryptands and fluoride anions. <i>Dalton Transactions</i> , 2015, 44, 19708-19716.	1.6	7
64	Spectroscopic, theoretical, and antibacterial approach in the characterization of 5-methyl-5-(3-pyridyl)-2,4-imidazolidinedione ligand and of its platinum and palladium complexes. <i>Comptes Rendus Chimie</i> , 2015, 18, 564-572.	0.2	14
65	A theoretical study on the encapsulation of halide anions by hexaprotonated form of aliphatic azacryptand 1,4,8,11,14,18,23,27-octaazabicyclo[9.9.9]nonacosane in both the gas phase and solution. <i>Computational and Theoretical Chemistry</i> , 2015, 1060, 43-51.	1.1	5
66	Ab initio and DFT studies on the structures, binding energies and nature of bonds in X ₂ Y ₃ metal clusters (X ⁺ + ⁺)	1.8	2
67	Computational Chemistry, 2015, 14, 1550043. Catalytic applications of {[HMIM]C(NO ₂) ₂] ₃ }: as a nano ionic liquid for the synthesis of pyrazole derivatives under green conditions and a mechanistic investigation with a new approach. <i>RSC Advances</i> , 2015, 5, 75555-75568.	1.7	64
68	Ionic liquid 1-hexyl-3-methylimidazolium hexafluorophosphate, an efficient solvent for extraction of acetone from aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 404-413.	1.0	21
69	Silica vanadic acid [SiO ₂ •VO(OH) ₂] as an efficient heterogeneous catalyst for the synthesis of 1,2-dihydro-1-aryl-3H-naphth[1,2-e][1,3]oxazin-3-one and 2,4,6-triarylpyridine derivatives via anomeric based oxidation. <i>RSC Advances</i> , 2015, 5, 100546-100559.	1.7	48
70	Pd(II) and Pd(IV) complexes with 5-methyl-5-(4-pyridyl)hydantoin: Synthesis, physicochemical, theoretical, and pharmacological investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 1019-1031.	2.0	20
71	New chlorine bridged binuclear silver(I) complexes of bidentate phosphorus ylides: Synthesis, spectroscopy, theoretical and anti-bacterial studies. <i>Polyhedron</i> , 2015, 85, 652-664.	1.0	28
72	Synthesis and Characterisation of Hg(II) Complexes Including Bidentate Phosphorus Ylides. <i>Journal of Chemical Research</i> , 2014, 38, 35-40.	0.6	14

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73	Gold(III) complexes of 5-methyl-5-(pyridyl)-2,4-imidazolinedione: synthesis, physicochemical, theoretical, antibacterial, and cytotoxicity investigation. <i>New Journal of Chemistry</i> , 2014, 38, 1199.	1.4	11
74	Theoretical studies on the interaction of some endohedral fullerenes {[X@C60] ⁺ (X=F ⁺ , Cl ⁺ , Br ⁺) or [M@C60] (M=Li, Na, K)} with [Al(H ₂ O) ₆] ³⁺ and [Mg(H ₂ O) ₆] ²⁺ cations. <i>Computational and Theoretical Chemistry</i> , 2014, 1034, 73-79.	1.1	7
75	Synthesis and structure of [Hg ₂ (L) ₂ (NO ₃) ₂] (L=4-nitrophenylpyridin-2-ylmethyleneamine); a theoretical study on Hg-Hg bond in this and in linear Hg ₂ X ₂ (X=F, Cl, Br, I, Ph) complexes. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 9-16.	1.2	8
76	Synthesis, characterization and crystal structure of some new Mn(II) and Zn(II) macrocyclic Schiff base complexes derived from two new asymmetrical (N5) branched amines and pyridine-2-carbaldehyde or O-vaniline and their antibacterial properties. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 431-440.	1.2	18
77	Platinum and palladium complexes with 5-methyl-5-(2-pyridyl)-2,4-imidazolinedione: Synthesis, crystal and molecular structure, theoretical study, and pharmacological investigation. <i>Inorganica Chimica Acta</i> , 2014, 409, 265-275.	1.2	17
78	Mn(II) complexes of three [2+2] macrocyclic Schiff base ligands. Synthesis and X-ray crystal structure of the first binuclear di(binuclear) cocrystal. <i>Polyhedron</i> , 2014, 68, 151-156.	1.0	20
79	The significant role of the solvent in high selectivity of symmetrical calix[4]tubes for potassium ion in solution: A DFT study. <i>Computational and Theoretical Chemistry</i> , 2014, 1048, 62-68.	1.1	4
80	Regioselective Diels-Alder reaction of 2-phosphaindolizine with some 1,3-butadiene derivatives (R ₁ CH=CH-CH=CH ₂ , R ₁ =F, Cl, CH ₃ and SiH ₃): A theoretical study. <i>Journal of Organometallic Chemistry</i> , 2014, 767, 54-59.	0.8	1
81	Reaction of ZnCl ₂ and HgCl ₂ metal salts with a bidentate Schiff base ligand in methanol solution, X-ray crystal structure, and theoretical studies. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 921-928.	1.2	4
82	Mercury(II) complexes with 5-methyl-5-(4-pyridyl)-2,4-imidazolinedione: Synthesis, structural characterization, and theoretical studies. <i>Journal of Molecular Structure</i> , 2013, 1051, 15-22.	1.8	11
83	Structural, Theoretical, and Spectroscopic Study of Mercury(II) Complexes of two New Unsymmetric Phosphorus Ylides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 1743-1758.	0.8	2
84	Structural, Theoretical and Multinuclear NMR Study of a New Polymeric Mercury(II) Complex with an Ambidentate Phosphorus Ylide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 401-408.	1.9	1
85	A theoretical study on the importance of steric effects, electronic properties, interaction and solvation energies in the host-guest chemistry of protonated azacryptands and halide anions. <i>Tetrahedron</i> , 2013, 69, 9183-9191.	1.0	13
86	Synthesis, characterization, thermal, electrochemical, and DFT studies of mononuclear cyclopalladated complexes containing bidentate phosphine ligands and their biological evaluation as antioxidant and antibacterial agents. <i>Comptes Rendus Chimie</i> , 2013, 16, 159-175.	0.2	23
87	Aqua[tris(2-{5-[(4-methylphenyl)diazanyl]-2-oxidobenzylideneamino}ethyl)amine]samarium(III) acetonitrile monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m96-m96.	0.2	0
88	Diiodido{2-[(4-methoxyphenyl)iminomethyl]pyridine-1,2-diazine}zinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1041-m1041.	0.2	2
89	Energy decomposition analysis of the metal-imine bond in [(CO) ₄ M(SB)] (M=Cr, Mo, W; SB: Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	32
90	Determination of cadmium(II) ion by atomic absorption spectrometry after cloud point extraction. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 251-256.	1.2	42

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91	Structural, theoretical and multinuclear NMR study of mercury(II) and silver(I) complexes with two new ambidentate phosphorus ylides. <i>Polyhedron</i> , 2012, 38, 131-136.	1.0	26
92	A theoretical study on the formation of Cu^{1+} versus Cu^{2+} macrocyclic Schiff base complexes in the absence of coordinated anions. <i>Computational and Theoretical Chemistry</i> , 2011, 971, 30-37.	1.1	6
93	A new crystal engineering approach for the synthesis of $\{[\text{K.18-Crown-6}]\text{I}_3\}_n$ as a nanotube-Like and recyclable catalyst for the chemoselective silylation of alcohols. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 484-494.	1.2	3
94	Structural, theoretical and multinuclear NMR study of mercury(II) complexes with a new ambidentate phosphorus ylide. <i>Polyhedron</i> , 2011, 30, 2486-2492.	1.0	9
95	A theoretical study on the interaction of $[\text{Al}(\text{H}_2\text{O})_6]^{3+}$ and $[\text{Mg}(\text{H}_2\text{O})_6]^{2+}$ cations with fullerene (C60), coronene and benzene π -systems. <i>Polyhedron</i> , 2011, 30, 2809-2814.	1.0	16
96	Prediction of microscopic protonation constants of polybasic molecules via computational methods: A complete microequilibrium analysis of spermine. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 3608-3615.	1.0	9
97	Computational evidence of preferred energy and preferred binding energy in the formation of Cu^{1+} versus Cu^{2+} macrocyclic Schiff base complexes. <i>Computational and Theoretical Chemistry</i> , 2011, 965, 131-136.	1.1	6
98	Energy decomposition analysis of the metal-oxime bond in $[\text{M}\{\text{RC}(\text{NOH})\text{C}(\text{NO})\text{R}\}_2]$ (M = Ni(II), Pd(II), Pt(II)). <i>TJFTQq000rgBT/Ove</i>	0.8	39
99	Dichlorido- $\{2-[(3,4\text{-dimethylphenyl})\text{iminomethyl}]\text{pyridine}\}^2$ copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1624-m1624.	0.2	1
100	Zwitterionic form of tris($\{[5-(4\text{-methoxyphenylazo})\text{salicylidene}]\text{amino}\}$ ethyl)amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o606-o606.	0.2	3
101	Di- $\frac{1}{4}$ -chlorido-bis{chlorido[4-nitro-(pyridin-2-ylmethylidene)aniline]mercury(II)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m327-m327.	0.2	7
102	Dibromido- $\{2-[(4\text{-nitrophenyl})\text{iminomethyl}]\text{pyridine}\}^2$ zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1556-m1556.	0.2	4
103	Theoretical studies on the proton affinities of four different series of nano-size diamines and designing strong superbases based on fullerene(C60) molecule. <i>Computational and Theoretical Chemistry</i> , 2010, 957, 120-125.	1.5	6
104	Synthesis of New Phosphonium Ylides Containing Thiophene and Furan Rings and Study of Their Reaction with Mercury(II) Halides: Spectral and Structural Characterization. <i>Helvetica Chimica Acta</i> , 2010, 93, 1105-1119.	1.0	8
105	Theoretical studies on the structure and protonation of Cu(II) complexes of a series of tripodal aliphatic tetraamines: Good correlations with the experimental data. <i>Journal of Computational Chemistry</i> , 2010, 31, 2371-2380.	1.5	8
106	Mn(II) and Cd(II) macrocyclic Schiff base complexes with a single pendant coordinating 2-pyridylmethyl arm: Synthesis, X-ray crystal structure and NMR studies. <i>Polyhedron</i> , 2010, 29, 850-856.	1.0	16
107	Four-coordinate and pseudo five-coordinate Hg(II) complexes of a new bidentate phosphorus ylide: X-ray crystal structure and spectral characterization. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1441-1450.	0.8	27
108	Synthesis, characterization, and structural studies of mercury(II) complexes of new bidentate phosphorus ylide. <i>Inorganica Chimica Acta</i> , 2010, 363, 1254-1261.	1.2	23

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109	New mononuclear mercury(II) complexes of a bifunctionalized ylide containing five-membered chelate ring: Spectral and structural characterization. <i>Inorganica Chimica Acta</i> , 2010, 363, 3654-3661.	1.2	17
110	Complete gas-phase proton microaffinity analysis of five linear tetraamines containing two ethylenediamine residues. <i>Computational and Theoretical Chemistry</i> , 2010, 952, 124-127.	1.5	0
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113	Synthesis and characterization of binuclear mercury(II) complexes of phosphorus ylides, X-ray analysis and multinuclear NMR measurements. <i>Inorganica Chimica Acta</i> , 2009, 362, 105-112.	1.2	22
114	Synthesis, characterization and X-ray structural determination of a stable dication derived from symmetrical ortho-aminophenyl diamine and 2-pyridinecarboxaldehyde. <i>Tetrahedron Letters</i> , 2009, 50, 169-171.	0.7	6
115	Theoretical studies on proton affinities of H ₂ N(CH ₂) _n NH ₂ (n=2-10) diamines at gas phase. Good correlation with protonation constants in solution. <i>Computational and Theoretical Chemistry</i> , 2009, 906, 68-71.	1.5	9
116	Good correlation between the calculated gas-phase first proton macroaffinities of some triazacycloalkanes ([X]aneN ₃ , X=9-12) with their protonation constants in solution. <i>Computational and Theoretical Chemistry</i> , 2009, 911, 88-91.	1.5	3
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118	Synthesis and crystal structure of some new cadmium (II) macrocyclic Schiff-base complexes containing piperazine moiety. <i>Polyhedron</i> , 2009, 28, 3533-3541.	1.0	40
119	Illustration of all species and all microspecies involved in full protonation steps of spermine and determination of corresponding most abundant and most stable conformers, a gas phase theoretical study. <i>Chemical Physics</i> , 2009, 361, 18-26.	0.9	9
120	A novel chelate-assisted C-C bond formation on a Cd(II) complex of an asymmetric heptadentate(N ₇) tripodal Schiff base ligand. <i>Inorganic Chemistry Communication</i> , 2009, 12, 433-435.	1.8	9
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126	New mono and binuclear mercury(II) complexes of phosphorus ylides containing DMSO as ligand: Spectral and structural characterization. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1975-1985.	0.8	32

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128	Synthesis and characterization of copper(II) and cobalt(II) complexes with two new potentially hexadentate Schiff base ligands. X-ray crystal structure determination of one copper(II) complex. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3179-3187.	0.8	36
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139	Title is missing!. <i>Transition Metal Chemistry</i> , 2003, 28, 425-429.	0.7	20
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141	Chemoselective N-Nitrosation of Secondary Amines under Mild and Heterogeneous Conditions. <i>Bulletin of the Korean Chemical Society</i> , 2003, 24, 638-640.	1.0	16
142	Synthesis of Two Potentially Heptadentate (N_4O_3) Schiff-base Ligands Derived from Condensation of Tris(3-aminopropyl)-amine and Salicylaldehyde or 4-Hydroxysalicylaldehyde. Nickel(II) and Copper(II) Complexes of the Former Ligand. <i>Molecules</i> , 2002, 7, 140-144.	1.7	30
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146	N-NITROSATION OF SECONDARY AMINES UNDER MILD AND HETEROGENEOUS CONDITIONS. Synthetic Communications, 2001, 31, 1161-1166.	1.1	20
147	Synthesis and Crystal Structure Determination of a Nickel(II) Complex of an Acyclic Pentadentate (N5) Mono Schiff Base Ligand. Molecules, 2001, 6, 909-914.	1.7	9
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