

# 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  
g-index

155  
all docs

155  
docs citations

155  
times ranked

1624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic applications of {[HMIM]C(NO <sub>2</sub> ) <sub>3</sub> }: as a nano ionic liquid for the synthesis of pyrazole derivatives under green conditions and a mechanistic investigation with a new approach. RSC Advances, 2015, 5, 75555-75568.	1.7	64
2	Synthesis and Crystal Structure Determination of Some Asymmetrical and Symmetrical CR-Type Macrocyclic Schiff Base Complexes, with a Single Pendant Coordinating 2-Aminoethyl Arm. Inorganic Chemistry, 2000, 39, 5787-5790.	1.9	59
3	N-Nitrosation of Secondary Amines with [NO+Â-CrownÂ-H(NO <sub>3</sub> ) <sub>2</sub> ]. Journal of Organic Chemistry, 2001, 66, 3619-3620.	1.7	56
4	Silica vanadic acid [SiO <sub>2</sub> ·VO(OH) <sub>2</sub> ] 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-triarylpiperidine derivatives via anomeric based oxidation. RSC Advances, 2015, 5, 100546-100559.	1.7	48
5	{[K.18-Crown-6]Br <sub>3</sub> } <sub>n</sub> : a unique tribromide-type and columnar nanotube-like structure for the oxidative coupling of thiols and bromination of some aromatic compounds. Tetrahedron Letters, 2007, 48, 7969-7973.	0.7	46
6	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
7	Cadmium(II) complexes of fully condensed Schiff-base ligands derived from two different symmetrical and asymmetrical tripodal tetraamines and 2-acetylpyridine; the novel observations for heptadentate mono-capped trigonal antiprismatic Schiff-base complexes. Polyhedron, 2000, 19, 1633-1637.	1.0	42
8	Determination of cadmium(II) ion by atomic absorption spectrometry after cloud point extraction. Journal of the Iranian Chemical Society, 2012, 9, 251-256.	1.2	42
9	Synthesis and crystal structure of some new cadmium (II) macrocyclic Schiff-base complexes containing piperazine moiety. Polyhedron, 2009, 28, 3533-3541.	1.0	40
10	Energy decomposition analysis of the metal-oxime bond in [M{RC(NO <sub>2</sub> )C(NO <sub>2</sub> )R} <sub>2</sub> ] (M=Ni(II), Pd(II), Pt(II),) Tj ETQq 0 0 0 rgBT /Overl	0.8	39
11	Synthesis of gadolinium(III) and samarium(III) complexes of new potentially heptadentate (N <sub>4</sub> O <sub>3</sub> ) tripodal Schiff base ligands, and a theoretical study. Polyhedron, 2005, 24, 1478-1486.	1.0	37
12	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. Journal of Organometallic Chemistry, 2008, 693, 3179-3187.	0.8	36
13	Title is missing!. Transition Metal Chemistry, 2000, 25, 205-208.	0.7	35
14	Cytotoxicity and antioxidant activity of Kamolonol acetate from Ferula pseudalliacea, and studying its interactions with calf thymus DNA (ct-DNA) and human serum albumin (HSA) by spectroscopic and molecular docking techniques. Process Biochemistry, 2019, 79, 203-213.	1.8	35
15	Chemoselective N-nitrosation of secondary amines under mild and heterogeneous conditions via in situ generation of NOCl. Journal of Chemical Research, 2000, 2000, 420-422.	0.6	33
16	New mono and binuclear mercury(II) complexes of phosphorus ylides containing DMSO as ligand: Spectral and structural characterization. Journal of Organometallic Chemistry, 2008, 693, 1975-1985.	0.8	32
17	Energy decomposition analysis of the metal-imine bond in [(CO) <sub>4</sub> Mâ€“SB] (M=Cr, Mo, W; SB:) Tj ETQq 1 1 0.784314 rgBT /Overl	0.8	32
18	Synthesis of Two Potentially Heptadentate (N <sub>4</sub> O <sub>3</sub> ) 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. Molecules, 2002, 7, 140-144.	1.7	30

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19	Structural, theoretical and multinuclear NMR study of mercury(II) complexes of phosphorus ylides: Mono and binuclear complexes. <i>Polyhedron</i> , 2008, 27, 2015-2021.	1.0	29
20	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
21	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
22	Synthesis of a new carbonyloxymethylenetriparatolylphosphorane ylide and study of its reaction with mercury(II) halides: Spectral and structural characterization. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2500-2507.	0.8	27
23	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
24	<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
25	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
26	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
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	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
29	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
30	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
31	Synthesis, characterization and heterogeneous catalytic application of a nickel(II) Schiff base complex immobilized on MWCNTs for the Hantzsch four-component condensation. <i>Journal of Coordination Chemistry</i> , 2017, 70, 340-360.	0.8	23
32	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
33	A multi-spectroscopic and molecular docking approach to investigate the interaction of antiviral drug oseltamivir with ct-DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 435-451.	0.4	22
34	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
35	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
36	Preparation, characterization and catalytic application of molybdenum Schiff base complex immobilized on silica-coated Fe <sub>3</sub> O <sub>4</sub> as a reusable catalyst for the synthesis of pyranopyrazole derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4723.	1.7	21

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37	N-NITROSATION OF SECONDARY AMINES UNDER MILD AND HETEROGENEOUS CONDITIONS. <i>Synthetic Communications</i> , 2001, 31, 1161-1166.	1.1	20
38	Title is missing!. <i>Transition Metal Chemistry</i> , 2003, 28, 425-429.	0.7	20
39	Cd(II) and Mn(II) complexes of a new hexadentate Schiff base ligand derived from an asymmetric tripodal tetraamine and 2-pyridinecarboxaldehyde. <i>Polyhedron</i> , 2008, 27, 3549-3556.	1.0	20
40	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
41	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
42	Title is missing!. <i>Transition Metal Chemistry</i> , 1998, 23, 605-608.	0.7	19
43	CHEMOSELECTIVE N-NITROSATION OF SECONDARY AMINES UNDER MILD AND HETEROGENEOUS CONDITIONS. <i>Synthetic Communications</i> , 2001, 31, 359-365.	1.1	18
44	Metal complexes of a new potentially heptadentate(N7) tripodal Schiff base ligand. Synthesis, NMR studies and ab initio calculations. <i>Journal of Molecular Structure</i> , 2006, 785, 54-62.	1.8	18
45	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
46	Mn(III) pentadentate Schiff base complex supported on multi-walled carbon nanotubes as a green, mild and heterogeneous catalyst for the synthesis of tetrahydrobenzo[ <i>b</i> ]pyrans via tandem Knoevenagel-Michael cyclocondensation reaction. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3690.	1.7	18
47	Three new defined proton affinities for polybasic molecules in the gas-phase: Proton microaffinity, proton macroaffinity and proton overallaffinity. <i>Chemical Physics Letters</i> , 2006, 427, 455-460.	1.2	17
48	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
49	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
50	Spectroscopic and molecular docking studies on the interaction of antiviral drug nevirapine with calf thymus DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 1-18.	0.4	17
51	Copper Schiff base complex immobilized on silica-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles: a recoverable and efficient catalyst for synthesis of polysubstituted pyrroles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4501.	1.7	17
52	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
53	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
54	Theoretical studies on the first proton macroaffinity of Ni(ii), Cu(ii), Zn(ii) and Cd(ii) complexes of four triazacycloalkanes ([X]ane N <sub>3</sub> , X = 9-12): good correlations with the formation constants in solution. <i>Dalton Transactions</i> , 2009, , 2865.	1.6	16

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55	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
56	A theoretical study on the interaction of [Al(H <sub>2</sub> O) <sub>6</sub> ] <sup>3+</sup> and [Mg(H <sub>2</sub> O) <sub>6</sub> ] <sup>2+</sup> cations with fullerene (C <sub>60</sub> ), coronene and benzene π-systems. <i>Polyhedron</i> , 2011, 30, 2809-2814.	1.0	16
57	Some metal complexes of three new potentially heptadentate (N <sub>4</sub> O <sub>3</sub> ) 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	Molybdenum Schiff base complex supported on MNPs as an efficient and easily recyclable catalyst in three-component Strecker reaction for synthesis of α-aminonitrile derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 6973-6991.	1.3	16
59	Mononuclear palladium(II) and platinum(II) complexes of P,C-donor ligands: synthesis, crystal structures, cytotoxicity, and mechanistic studies of a highly stereoselective Mizoroki-Heck reaction. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 2107-2118.	3.0	16
60	Phase equilibrium measurements and thermodynamic modelling of {water+phenol+1Hmim}[NTf <sub>2</sub> ] ionic liquid system at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2018, 119, 76-83.	1.0	16
61	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
62	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
63	First Reported Correlation between the Calculated Gas-Phase Proton Macroaffinities of Some Metal Complexes with Their Measured Formation Constants in Solution: Zn(II) Complexes of a Series of Tripodal Aliphatic Tetraamines. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4090-4094.	1.1	15
64	Synthesis and Characterisation of Hg(II) Complexes Including Bidentate Phosphorus Ylides. <i>Journal of Chemical Research</i> , 2014, 38, 35-40.	0.6	14
65	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
66	Theoretical studies on structure, formation and nature of bond in a Disila-, Digerma- and distannacyclobutene ring. <i>Journal of Theoretical and Computational Chemistry</i> , 2016, 15, 1650032.	1.8	14
67	The significant effect of electron donating and electron withdrawing substituents on nature and strength of an intermolecular Se⋯I interaction. A theoretical study. <i>Computational and Theoretical Chemistry</i> , 2016, 1078, 9-15.	1.1	14
68	Complete Gas-Phase Proton Microaffinity Analysis of Two Bulky Polyamine Molecules. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8188-8192.	1.1	13
69	Synthesis, crystal structure and spectroscopic properties of some cadmium(II) complexes with three polyamine and corresponding macrocyclic Schiff base ligands. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2237-2243.	0.8	13
70	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
71	P,C-Chelation versus P,P-coordination of unsymmetrical phosphorus ylides in palladacyclopropa[60]fullerene complexes; synthetic, spectroscopic, and theoretical studies. <i>Dalton Transactions</i> , 2016, 45, 13899-13906.	1.6	13
72	Multi-wall carbon nanotube supported Co(II) Schiff base complex: an efficient and highly reusable catalyst for synthesis of α-amidoalkyl-β-naphthol and tetrahydrobenzo[ <i>b</i> ]pyran derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3560.	1.7	13

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73	The effect of a strong cation-π interaction on a weak selenium-π interaction: A theoretical study. <i>Computational and Theoretical Chemistry</i> , 2016, 1092, 41-46.	1.1	12
74	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
75	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
76	[60]Fullerene-Based Pd(0) Complexes of Phosphorus Ylides as Efficient Nanocatalyst for Homo- and Heterogeneous Mizoroki-Heck Coupling Reactions. <i>Catalysis Letters</i> , 2017, 147, 2319-2331.	1.4	11
77	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
78	Synthesis and Crystal Structure Determination of a Nickel(II) Complex of an Acyclic Pentadentate (N5) Mono Schiff Base Ligand. <i>Molecules</i> , 2001, 6, 909-914.	1.7	9
79	Theoretical studies on proton affinities of H <sub>2</sub> N-(CH <sub>2</sub> ) <sub>n</sub> -NH <sub>2</sub> (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
80	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
81	A novel chelate-assisted C-C bond formation on a Cd(II) complex of an asymmetric heptadentate(N7) tripodal Schiff base ligand. <i>Inorganic Chemistry Communication</i> , 2009, 12, 433-435.	1.8	9
82	Synthesis, characterization, and crystal structure of a Ni(II) complex of an acyclic pentadentate Schiff base; an agreement between the experimental and theoretical results. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2532-2539.	0.8	9
83	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
84	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
85	New equation for calculating total interaction energy in one noncyclic ABC triad and new insights into cooperativity of noncovalent bonds. <i>Journal of Computational Chemistry</i> , 2016, 37, 2799-2807.	1.5	9
86	Significant geometry and charge difference between the E <sub>5</sub> <sup>4+</sup> bare clusters of group 14 Zintl anions and their coordinated form in [E <sub>5</sub> {M(CO) <sub>3</sub> }] <sub>2</sub> <sup>4+</sup> (E = Si, Ge, Sn, Pb; M = Cr, Mo, W) complexes. <i>New Journal of Chemistry</i> , 2019, 43, 7797-7805.	1.4	9
87	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
88	The solvent effect on selectivity of four well-known cryptands and crown ethers toward Na <sup>+</sup> and K <sup>+</sup> cations; A computational study. <i>Journal of Molecular Liquids</i> , 2020, 309, 113149.	2.3	9
89	Synthesis of two new tripodal ligands and their cyclocondensation with 2-[2-(2-formylphenoxy)ethoxy]benzaldehyde in the presence of manganese(II) and cadmium(II) metal ions. <i>Polyhedron</i> , 2008, 27, 1631-1638.	1.0	8
90	Syntheses, crystal structures and magnetic properties of three new binuclear Ni(II) complexes derived from tripodal tetradentate (N4) ligands. <i>Polyhedron</i> , 2009, 28, 162-166.	1.0	8



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91	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
92	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
93	Synthesis and structure of [Hg <sub>2</sub> (L) <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> ] (L = 4-nitrophenylpyridin-2-ylmethyleneamine); a theoretical study on Hg-Hg bond in this and in linear Hg <sub>2</sub> X <sub>2</sub> (X = F, Cl, Br, I, Ph) complexes. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 9-16.	1.2	8
94	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
95	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
96	Silica Sulfuric Acid/Wet SiO <sub>2</sub> as a Novel Heterogeneous System for Cleavage of Carbon Nitrogen Double Bonds Under Mild Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 2735-2743.	0.8	7
97	Di- $\mu$ -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
98	Theoretical studies on the interaction of some endohedral fullerenes {[X@C <sub>60</sub> ] <sup>+</sup> (X = F <sup>+</sup> , Cl <sup>+</sup> , Br <sup>+</sup> ) or [M@C <sub>60</sub> ] (M = Li, Na, K)} with [Al(H <sub>2</sub> O) <sub>6</sub> ] <sup>3+</sup> and [Mg(H <sub>2</sub> O) <sub>6</sub> ] <sup>2+</sup> cations. <i>Computational and Theoretical Chemistry</i> , 2014, 1034, 73-79.	1.1	7
99	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
100	The solvent-free synthesis of polysubstituted pyrroles by a reusable copper Schiff base complex immobilized on silica coated Fe <sub>3</sub> O <sub>4</sub> , and DNA binding study of one resulting derivative as a potential anticancer drug. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4754.	1.7	7
101	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
102	Theoretical studies on the proton affinities of four different series of nano-size diamines and designing strong superbases based on fullerene(C <sub>60</sub> ) molecule. <i>Computational and Theoretical Chemistry</i> , 2010, 957, 120-125.	1.5	6
103	A theoretical study on the formation of 1+ versus 2+ macrocyclic Schiff base complexes in the absence of coordinated anions. <i>Computational and Theoretical Chemistry</i> , 2011, 971, 30-37.	1.1	6
104	Computational evidence of preferred energy and preferred binding energy in the formation of 1+ versus 2+ macrocyclic Schiff base complexes. <i>Computational and Theoretical Chemistry</i> , 2011, 965, 131-136.	1.1	6
105	The DFT study of hydrogen bonding and thermodynamic parameters of (CH <sub>3</sub> OH) <sub>n</sub> (H <sub>2</sub> O) <sub>m</sub> (n, m = 1-8) clusters at different temperatures. <i>Arabian Journal of Chemistry</i> , 2016, 9, S41-S46.	2.3	6
106	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
107	Synthesis and Characterisation of the Cd(II) Complex of a Hexadentate(N <sub>4</sub> O <sub>2</sub> ) Schiff Base Ligand; IR, NMR and Theoretical Studies. <i>Journal of Chemical Research</i> , 2007, 2007, 86-88.	0.6	5
108	Probing the effect of arm length and inter- and intramolecular interactions in the formation of Cu( <i>scp</i> ) complexes of Schiff base ligands derived from some unsymmetrical tripodal amines. <i>New Journal of Chemistry</i> , 2015, 39, 7429-7441.	1.4	5

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109	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. Computational and Theoretical Chemistry, 2015, 1060, 43-51.	1.1	5
110	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
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