Tahereh Sedaghat

List of Publications by Year in descending order

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53 papers	959 citations	471509 17 h-index	501196 28 g-index
53 all docs	53 docs citations	53 times ranked	822 citing authors

#	Article	IF	Citations
1	Synthesis, spectroscopic characterization, structural studies and antibacterial and antitumor activities of diorganotin complexes with 3-methoxysalicylaldehyde thiosemicarbazone. Journal of Molecular Structure, 2013, 1037, 136-143.	3.6	68
2	Mesoporous silica nanoparticles supported copper(II) and nickel(II) Schiff base complexes: Synthesis, characterization, antibacterial activity and enzyme immobilization. Journal of Solid State Chemistry, 2018, 258, 517-525.	2.9	58
3	Synthesis, spectroscopic investigations and crystal structures of organotin(IV) derivatives of 2-amino-1-cyclopentene-1-carbodithioic acid. Inorganica Chimica Acta, 2001, 318, 15-22.	2.4	46
4	Synthesis, spectroscopic investigations, crystal structures and antibacterial activity of 3-(3-hydroxypyridin-2-ylamino)-1-phenylbut-2-en-1-one and its diorganotin(IV) complexes. Polyhedron, 2012, 33, 435-440.	2.2	46
5	Diorganotin(IV) complexes with furan-2-carbohydrazone derivatives: synthesis, characterization, crystal structure and antibacterial activity. Journal of Coordination Chemistry, 2013, 66, 712-724.	2.2	38
6	Magnetic Mesoporous Silica Nanocomposite Functionalized with Palladium Schiff Base Complex: Synthesis, Characterization, Catalytic Efficacy in the Suzukiâ€“Miyaura Reaction and Î±-Amylase Immobilization. Catalysis Letters, 2020, 150, 112-126.	2.6	37
7	Synthesis and spectroscopic studies of new organotin(IV) complexes with tridentate N- and O-donor Schiff bases. Journal of Coordination Chemistry, 2009, 62, 3837-3844.	2.2	36
8	New diorganotin(IV) complexes with some Schiff bases derived from Î²-diketones: synthesis, spectral properties, thermal analysis, and antibacterial activity. Journal of Coordination Chemistry, 2011, 64, 3169-3179.	2.2	35
9	Binuclear organotin(IV) complexes with adipic dihydrazones: Synthesis, spectral characterization, crystal structures and antibacterial activity. Journal of Organometallic Chemistry, 2013, 737, 26-31.	1.8	35
10	Synthesis, spectral characterization, crystal structure and antibacterial studies of diorganotin(IV) complexes with isonicotinoyl hydrazone derivatives. Polyhedron, 2014, 79, 88-96.	2.2	35
11	Synthesis, characterization and biocompatibility of polypyrrole/Cu(II) metal-organic framework nanocomposites. Colloids and Surfaces B: Biointerfaces, 2019, 178, 365-376.	5.0	33
12	A Facile Solâ€“Gel Process for Synthesis of ZnWO4 Nanopartices with Enhanced Band Gap and Study of Its Photocatalytic Activity for Degradation of Methylene Blue. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 220-228.	3.7	29
13	Synthesis and spectroscopic characterization of new adducts of diorganotin(IV) dichlorides with an asymmetric schiff base ligand. Inorganic Chemistry Communication, 2004, 7, 760-762.	3.9	27
14	New diorganotin(IV) complexes with 3-(2-hydroxy-5-methylphenylamino)-1,3-diphenylprop-2-en-1-one: Synthesis, spectroscopic characterization, structural studies and antibacterial activity. Journal of Molecular Structure, 2012, 1026, 44-50.	3.6	23
15	DFT studies of ONO Schiff bases, their anions and diorganotin(IV) complexes: Tautomerism, NBO and AIM analysis. Computational and Theoretical Chemistry, 2013, 1005, 53-57.	2.5	22
16	Anchoring of Cu (II)â€Schiff base complex on magnetic mesoporous silica nanoparticles: catalytic efficacy in oneâ€pot synthesis of 5â€substitutedâ€1Hâ€tetrazoles, antibacterial activity evaluation and immobilization of Î±â€amylase. Applied Organometallic Chemistry, 2020, 34, e5572.	3.5	22
17	Diorganotin(IV) complexes with 2-furancarboxylic acid hydrazone derivative of benzoylacetone: Synthesis, X-ray structure, antibacterial activity, DNA cleavage and molecular docking. Journal of Organometallic Chemistry, 2015, 794, 223-230.	1.8	20
18	Synthesis, spectroscopic characterization and x-ray studies of new complexes of organotin(IV) chlorides with N-alkylated 2-amino-1-cyclopentene-1-carbodithioic acids. Journal of Coordination Chemistry, 2003, 56, 1179-1189.	2.2	17

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19	New adducts of diorganotin(IV) chlorides with a new multifunctional schiff base ligand: Synthesis and spectral properties. Journal of the Iranian Chemical Society, 2009, 6, 271-276.	2.2	17
20	Dinuclear organotin(IV) complexes with bis-acyl-hydrazones containing flexible linker: Synthesis, spectroscopic investigation andÂcrystal structure of dimethyl- and diphenyltin(IV) complexes withÂsuccinic dihydrazones. Journal of Organometallic Chemistry, 2014, 754, 26-31.	1.8	17
21	Synthesis and spectroscopic studies of diorganotin(IV) adducts based on cyclotriphosphazene scaffolds with exocyclic pyrazolyl substituents. Journal of Coordination Chemistry, 2009, 62, 840-844.	2.2	16
22	A multiprotic ditopic thiocarbohydrazone ligand in the formation of mono- and di-nuclear organotin(IV) complexes: Crystal structure, antibacterial activity and DNA cleavage. Journal of Organometallic Chemistry, 2016, 825-826, 25-32.	1.8	16
23	Bisâ€aroylhydrazone based on 2,2â€²â€bis substituted diphenylamine for synthesis of new binuclear organotin (IV) complexes: Spectroscopic characterization, crystal structures, in vitro DNAâ€binding, plasmid DNA cleavage, PCR and cytotoxicity against MCF7 cell line. Applied Organometallic Chemistry, 2019, 33, e5137.	3.5	15
24	Synthesis and spectroscopic studies of new adducts of organotin(IV) chlorides with a polydentate N,S ligand. Inorganic Chemistry Communication, 1999, 2, 595-598.	3.9	14
25	Synthesis, spectral and structural investigations, theoretical studies, and antibacterial activity of 4-(2-hydroxynaphthalen-3-ylamino)pent-3-en-2-one and its diphenyltin(IV) complex. Journal of Coordination Chemistry, 2012, 65, 1712-1723.	2.2	14
26	Synthesis, spectral, and thermal studies of organotin(IV) complexes with 4-bromo-2-{[(2-hydroxyphenyl)imino]methyl}phenol. Main Group Chemistry, 2009, 8, 1-9.	0.8	13
27	Some new organotin(IV) schiff base adducts: Synthesis, spectroscopic characterization and thermal studies. Journal of the Iranian Chemical Society, 2011, 8, 477-483.	2.2	13
28	Synthesis, structural characterization and antibacterial activity of diorganotin(IV) complexes with ONO tridentate Schiff bases containing pyridine ring. Chinese Chemical Letters, 2012, 23, 1355-1358.	9.0	13
29	Diorganotin Complexes with N(4)-Phenylthiosemicarbazones: Synthesis, Spectroscopic Characterization, and Antibacterial Activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1694-1702.	1.6	13
30	Water soluble organotin(IV) complexes with Girard-T reagent-based hydrazones: synthesis, spectral characterization, and antibacterial activity. Journal of Coordination Chemistry, 2013, 66, 2549-2557.	2.2	13
31	Synthesis and spectroscopic studies of new organotin(IV) complexes with dithiocarbamate derivative of L-proline. Main Group Chemistry, 2005, 4, 121-126.	0.8	12
32	Bis-diorganotin(IV) complexes with binucleating hydrazones derived from a methylene-bis-aromatic aldehyde as linker: Synthesis, spectral and structural characterization, antibacterial activity and DNA cleavage studies. Journal of Organometallic Chemistry, 2017, 853, 184-192.	1.8	12
33	New organotin(IV) complexes with a potentially multi-site ligand based on the cyclotriphosphazene platform: Synthesis and spectral studies. Journal of the Iranian Chemical Society, 2010, 7, 371-375.	2.2	10
34	Bis-substituted diphenylamine arylidene hydrazones for the synthesis of new binuclear organotin(IV) complexes: Crystal structure, DNA cleavage and molecular docking. Polyhedron, 2018, 155, 153-162.	2.2	10
35	Synthesis, spectral studies, thermal behavior, and antibacterial activity of Ni(II), Cu(II), and Zn(II) complexes with an ONO tridentate Schiff base. Chinese Chemical Letters, 2012, 23, 1063-1066.	9.0	9
36	Nitrogen-doped ZnWO4 nanophotocatalyst: synthesis, characterization and photodegradation of methylene blue under visible light. Research on Chemical Intermediates, 2019, 45, 5111-5124.	2.7	9

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37	Fabrication and characterization of polystyrene/Fe-MOF composite beads for iodine uptake. Inorganic Chemistry Communication, 2022, 136, 109141.	3.9	9
38	Synthesis and Spectroscopic Investigations of New Schiff Base Complexes of Tin(IV). Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 1161-1167.	1.6	8
39	New Bis-Diphenyltin(IV) Complexes With Oxalyldihydrazone Derivatives: Synthesis, Characterization And Antibacterial Activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 352-359.	1.6	8
40	Synthesis of new water soluble diorganotin(IV) complexes with hydrazones derived from Girard-T reagent as antibacterial and anticancer agents. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 538-543.	1.6	8
41	Ternary complexes of Zn(II) and Cu(II) with 1-((2-hydroxynaphthalen-1-yl)methylene)-4-phenylthiosemicarbazide in the presence of heterocyclic bases as auxiliary ligands: Synthesis, spectroscopic and structural characterization and antibacterial activity. Journal of Molecular Structure, 2018, 1156, 34-42.	3.6	8
42	Coordination Chemistry and Spectroscopic Properties of Some Diorganotin(IV) Complexes with S-Donor Schiff Base Ligands. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 606-612.	1.6	7
43	Heteroleptic complexes of Zn(II) based on 1-(5-bromo-2-hydroxybenzylidene)-4-phenylthiosemicarbazide: Synthesis, structural characterization, theoretical studies and antibacterial activity. Journal of Molecular Structure, 2017, 1134, 126-134.	3.6	7
44	Synthesis and Characterization of New Diorganotin(IV) Complexes with Dithiocarbamate Derivative of Glycine. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 2227-2233.	1.6	6
45	Macrocyclic host cyclophosphazenes from aminolysis of N3P3Cl6 by bis-(2-ortho-aminophenoxyethyl)ether. Open Chemistry, 2009, 7, 130-133.	1.9	6
46	Synthesis, Crystal Structures, H₂S, and Iodine Uptake Properties of Four New Coordination Polymers Constructed from Group 12 Transition Metal Ions and a Bidentate Sulfur Donor Ligand. Crystal Growth and Design, 2022, 22, 4343-4356.	3.0	6
47	Selective cationic dye sorption in water by a two-dimensional zinc-carboxylate coordination polymer and its melamine-formaldehyde foam composite. Journal of Solid State Chemistry, 2021, 294, 121855.	2.9	5
48	Surface functionalization of phosphazenenanosphere derivatives by Schiff-base-assisted metal complexes through a Si-spacer. Journal of Industrial and Engineering Chemistry, 2014, 20, 2287-2291.	5.8	4
49	Pd(II)/Pd(0) Anchored on Magnetic Organicâ€“Inorganic Hybrid Mesoporous Silica Nanoparticles: A Nanocatalyst for Suzukiâ€“Miyaura and Heckâ€“Mizoroki Coupling Reactions. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4126-4140.	3.7	4
50	Immobilization of palladium on benzimidazole functionalized mesoporous silica nanoparticles: catalytic efficacy in Suzukiâ€“Miyaura reaction and nitroarenes reduction. Journal of Porous Materials, 0, , 1.	2.6	4
51	Synthesis and Characterization of a Novel Organotin Complex: Di(n-butyl) chloro[5-(p-dimethylaminobenzylidene)rhodanine]tin(IV) Based on a Competing N, O, and S Donor Ligand. Journal of the Korean Chemical Society, 2011, 55, 590-593.	0.2	3
52	New phosphazene nanospheres anchored Fe(III), Co(II) and Cu(II) Schiff base complexes as efficient catalysts in oxidation of phenol. Journal of the Iranian Chemical Society, 2019, 16, 1761-1771.	2.2	2
53	Synthesis, Spectroscopic Characterization, Thermal Analysis and Antibacterial Activity of Ni(II), Cu(II) and Zn(II) Complexes with Schiff bases Derived from Î²-Diketones. Journal of the Mexican Chemical Society, 2017, 58, .	0.6	1