Khosro Mohammadi

List of Publications by Year
in descending order

46	879	623188	476904
papers	citations	14 h-index	29 g-index

47	47	47	1150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel 3D Ag (I) metal-organic coordination polymer (Ag-MOCP): Crystallography, Hirshfeld surface analysis, antibacterial effect and molecular docking studies. Journal of Solid State Chemistry, 2022, 310, 123013.	1.4	8
2	Morphology design and control of a novel 3D potassium metal-organic coordination polymer compound: Crystallography, DFT, thermal, and biological studies. Journal of Molecular Structure, 2021, 1228, 129434.	1.8	16
3	Photocatalytic activity of new nanostructures of an Ag(<scp>i</scp>) metalâ€“organic framework (Ag-MOF) for the efficient degradation of MCPA and 2,4-D herbicides under sunlight irradiation. New Journal of Chemistry, 2021, 45, 3408-3417.	1.4	71
4	The electrocatalytic oxidation of methanol using a new modified electrode based on NiCo2O4 nanoparticles incorporated into zeolite-4A. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2020, 59, 113-120.	0.9	5
5	Characterization and theoretical studies of synthesized (E)-2((3-methylbenzilidene) amino) phenol complexes for the fabrication of novel electrochemical sensor for determination of Pb2+ and Hg2+ ions. Journal of Materials Science: Materials in Electronics, 2019, 30, 13347-13359.	1.1	7
6	A 3D heterometallic Ni(<scp>ii</scp>)/K(<scp>i</scp>) MOF with a rare rna topology: synthesis, structural features, and photocatalytic dye degradation modeling. New Journal of Chemistry, 2019, 43, 17457-17465.	1.4	17
7	Diverse structural assemblies and influence in morphology of different parameters in a series of 0D and 1D mercury(II) metalâ€“organic coordination complexes by sonochemical process. Polyhedron, 2019, 160, 20-34.	1.0	14
8	Synthesis, characterization, nano-sized binuclear nickel complexes, DFT calculations and antibacterial evaluation of new macrocyclic Schiff base compounds. Journal of Molecular Structure, 2017, 1137, 512-523.	1.8	41
9	A novel nano-sized binuclear nickel(<scp>ii</scp>) Schiff base complex as a precursor for NiO nanoparticles: synthesis, characterization, DFT study and antibacterial activity. New Journal of Chemistry, 2016, 40, 10569-10583.	1.4	25
10	The biological effects of vanadyl curcumin and vanadyl diacetylcurcumin complexes: the effect on structure, function and oxidative stability of the peroxidase enzyme, antibacterial activity and cytotoxic effect. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1124-1131.	2.5	16
11	Symmetrical and Unsymmetrical Schiff Bases Derived from 3,4-Diaminobenzophenone: Synthesis and Thermodynamics of Five Coordinated Tertiaryphosphine Cobalt(III) Complexes. Croatica Chemica Acta, 2016, 89, .	0.1	5
12	New tetradentate Schiff bases of 2-amino-3,5-dibromobenzaldehyde with aliphatic diamines and their metal complexes: Synthesis, characterization and thermal stability. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 146, 221-227.	2.0	6
13	Simultaneous spectrophotometric determination of Cu2+, Hg2+, and Cd2+ ions using 2-(3-hydroxy-1-methylbut-2-enylideneamino)pyridine-3-ol. Environmental Monitoring and Assessment, 2015, 187, 197.	1.3	3
14	Investigating the effect of gallium curcumin and gallium diacetylcurcumin complexes on the structure, function and oxidative stability of the peroxidase enzyme and their anticancer and antibacterial activities. Journal of Biological Inorganic Chemistry, 2015, 20, 1135-1146.	1.1	15
15	Synthesis, Characterization, Spectral Studies, Antibacterial Evaluation, Thermodynamics and DFT Calculations of Dimethyltin(IV) Dichloride Schiff Base. Acta Chimica Slovenica, 2015, 62, 805-817.	0.2	2
16	Synthesis, characterization, and thermodynamics of some new unsymmetrical Schiff bases of salicylaldehyde with 3,4-diaminopyridine and their cobalt(III) complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 676-681.	2.0	12
17	New 3,4-diaminobenzoic acid Schiff base compounds and their complexes: Synthesis, characterization and thermodynamics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 179-185.	2.0	7
18	Coordination chemistry, thermodynamics and DFT calculations of copper(II) NNOS Schiff base complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 579-590.	2.0	4

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19	Synthesis, spectral, thermal and thermodynamic studies of oxovanadium(IV) complexes of Schiff bases derived from 3,4-diaminobenzoic acid with salicylaldehyde derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 107, 145-150.	2.0	6
20	Synthesis, characterization, and thermodynamics of some new unsymmetrical Co(III) Schiff base complexes derived from 2,3-diaminopyridine. Monatshefte FÃ¼r Chemie, 2013, 144, 1635-1643.	0.9	1
21	Nickel(II) complexes of the unsymmetrical tetradentate Schiff base of methyl-2-(N-2â€²-aminoethane), (1-methyl-2â€²-aminoethane), (3-aminopropylamino)cyclopentenedithiocarboxylate: Synthesis, characterization, thermodynamic and computational studies. Inorganica Chimica Acta, 2013, 405, 155-162.	1.2	5
22	Vanadyl Binary Schiff Base Complexes Containing N₂O₂Coordination Sphere: Synthesis, Ab Initio Calculations and Thermodynamic Properties. Journal of the Korean Chemical Society, 2013, 57, 63-72.	0.2	0
23	Synthesis and Characterization of Some New 2-Amino-3-Hydroxypyridine Schiff Base Compounds and Their Interactions with Group 13 Metal Ions. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 329-335.	0.6	4
24	New tetradentate Schiff bases of 2,2-dimethyl-1,3-diaminopropane and acetylacetone derivatives and their vanadyl complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 711-716.	2.0	10
25	Highly selective aqueous heterogeneous oxygenation of hydrocarbons catalyzed by recyclable hydrophobic copper (II) phthalocyanine nanoparticles. Journal of Molecular Catalysis A, 2012, 357, 141-147.	4.8	22
26	Tetradentate schiff base ligands of 3,4- diaminobenzophenone: Synthesis, characterization and thermodynamics of complex formation with Ni(II), Cu(II) and Zn(II) metal ions. Journal of the Serbian Chemical Society, 2011, 76, 63-74.	0.4	32
27	Metallation of tetradentate N2O2 Schiff base with Mn(II), Co(II), Cu(II) and Zn(II): synthesis, characterization and formation constants measurement. Open Chemistry, 2010, 8, 291-299.	1.0	8
28	Thermodynamic study of the interaction of Co(II)-Schiff base complexes with phosphines. Journal of the Iranian Chemical Society, 2010, 7, 195-201.	1.2	3
29	Synthesis, ab initio calculations, thermal, thermodynamic and antioxidant properties of some oxovanadium(IV) complexes containing N2O2 set of donor atoms. Journal of the Iranian Chemical Society, 2010, 7, 1021-1035.	1.2	3
30	Synthesis, characterization, ab initio calculations, thermal behaviour and thermodynamics of some oxovanadium(IV) complexes involving O,O- and N,N-donor moieties. Journal of Chemical Sciences, 2010, 122, 539-548.	0.7	10
31	Spectrophotometric Study of Adduct Formation Between [Co(Salen)PPh3]ClO4.H2O and [Co(7,7'-Dimethylsalen)PPh3]ClO4.H2O with Amines Donors in Acetonitrile. E-Journal of Chemistry, 2010, 7, 1421-1425.	0.4	0
32	Evaluation of Antiviral Activities of Curcumin Derivatives against HSV-1 in Vero Cell Line. Natural Product Communications, 2010, 5, 1934578X1000501.	0.2	62
33	Application of metalloporphyrins as new catalysts for the efficient, mild and regioselective synthesis of quinoxaline derivatives. Journal of Porphyrins and Phthalocyanines, 2010, 14, 1052-1058.	0.4	7
34	Circular dichroism and fluorescence spectroscopic study on the interaction of bisdemethoxycurcumin and diacetylbisdemethoxycurcumin with human serum albumin. Canadian Journal of Chemistry, 2010, 88, 155-163.	0.6	25
35	Nickel (II) and Copper (II) Complexes Derived from NNOS Donor Unsymmetrical Tetradentate Schiff Base Ligands: Synthesis, Characterization, and Thermodynamic Studies. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1445-1454.	0.8	7
36	Interaction of Curcumin and Diacetylcurcumin with the Lipocalin Member Î²-Lactoglobulin. Protein Journal, 2009, 28, 117-123.	0.7	67

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37	Analysis of Binding Interaction of Curcumin and Diacetylcurcumin with Human and Bovine Serum Albumin Using Fluorescence and Circular Dichroism Spectroscopy. Protein Journal, 2009, 28, 189-196.	0.7	105
38	Complexation of Group IIIA metals with asymmetric tridentate ligands: Synthesis, characterization, formation constants and cytotoxicity. Inorganica Chimica Acta, 2009, 362, 4906-4912.	1.2	9
39	Synthesis, characterization and thermodynamic study of copper(II) complexes with unsymmetric tetradentate Schiff base ligands and X-ray structure of {methyl-2-[N-[2-(5-chloro-2-phenolate)methylidynenitrilo]ethyl}aminato(-1)-1-cyclopentenedithiocarboxylatecopper(II). Inorganica Chimica Acta, 2009, 362, 4913-4920.	1.2	12
40	Some new Schiff base ligands giving a NNOS coordination sphere and their nickel(II) complexes: Synthesis, characterization and complex formation. Polyhedron, 2009, 28, 1409-1418.	1.0	22
41	[5,10,15,20-Tetrakis(4-chlorophenyl)porphyrinato]bis(tributylphosphine)cobalt(III) perchlorate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m698-m699.	0.2	0
42	Synthesis, characterization, and thermodynamic studies of cobalt Schiff base complexes with amines. Journal of Chemical Thermodynamics, 2008, 40, 523-528.	1.0	14
43	Donor ligand, basal ligand and solvent effects on the equilibrium constants of triphenylphosphinecobalt(III) Schiff base complexes with phosphite ligands. Journal of the Iranian Chemical Society, 2006, 3, 247-252.	1.2	9
44	Synthesis and characterization of dual function vanadyl, gallium and indium curcumin complexes for medicinal applications. Journal of Inorganic Biochemistry, 2005, 99, 2217-2225.	1.5	140
45	Synthesis and characterization of tertiaryphosphinecobalt(III) Schiff base complexes and their thermodynamic study with organic bases in different solvents. Journal of Chemical Thermodynamics, 2004, 36, 141-146.	1.0	19
46	Title is missing!. Helvetica Chimica Acta, 2002, 85, 2975-2981.	1.0	3