

Badri Zaman Momeni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Oxidative addition of n-alkyl halides to diimine π -allylplatinum(II) complexes: a closer look at the kinetic behaviors. Dalton Transactions, 2008, , 2414.	3.3	43
2	A General and Highly Efficient Protocol for the Synthesis of Chalcogeno π -Acetylenes by Copper(I)-Terpyridine Catalyst. Synlett, 2014, 25, 1385-1390.	1.8	32
3	Hydrogen-halide versus alkyl-halide oxidative addition in dimethyl platinum(II) complexes: Crystal structure of [PtBr ₂ (bpy)]. Inorganica Chimica Acta, 2007, 360, 2661-2668.	2.4	31
4	π -Monobromoalkyl platinum(IV)cyclopentane complexes: synthesis, characterization and kinetic studies of the formation. Journal of Organometallic Chemistry, 1999, 574, 286-293.	1.8	30
5	Insertion of tin(II) bromide into Pt π -X (X=Cl, Br) bond of dimethylplatinum(IV) complexes: A novel polymorphic form of [PtBr ₂ (bpy)]. Polyhedron, 2009, 28, 381-385.	2.2	27
6	Design of coordination polymers with 4 π -substituted functionalized terpyridyls in the backbone and pendent cyclopentadienyliron moieties. Polymer Chemistry, 2014, 5, 3453-3465.	3.9	23
7	Design of novel copper(II) and zinc(II) coordination polymers based on the 4 π -functionalized terpyridines. Polyhedron, 2015, 97, 94-102.	2.2	23
8	Synthesis and characterization of some organotin(IV) adducts containing a related series of pyridines: Crystal structure of [SnMe ₂ Cl ₂ (bu ₂ bpy)]. Polyhedron, 2010, 29, 1393-1398.	2.2	20
9	Antiproliferative activity and human serum albumin binding propensity of [SnMe ₂ Cl ₂ (bu ₂ bpy)]: multi-spectroscopic analysis, atomic force microscopy, and computational studies. Journal of Coordination Chemistry, 2020, 73, 1349-1376.	2.2	20
10	Oxidative addition of some mono, di or tetra haloalkanes to organoplatinum(II) complexes. Journal of Organometallic Chemistry, 2012, 700, 83-92.	1.8	19
11	Insertion of SnCl ₂ into Pt π -Cl bonds: synthesis and characterization of four- and five-coordinate trichlorostannylplatinum(II) complexes. Journal of Coordination Chemistry, 2007, 60, 285-293.	2.2	17
12	Synthesis and structural characterization of dimethyltin(IV) complexes based on functionalized pyridyl ligands. Polyhedron, 2013, 55, 184-191.	2.2	17
13	Studies on the Interaction of [SnMe ₂ Cl ₂ (bu ₂ bpy)] Complex with ct-DNA Using Multispectroscopic, Atomic Force Microscopy (AFM) and Molecular Docking. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 157-182.	1.1	16
14	Synthesis, characterization, crystal structure, and DNA interaction of tin complexes containing pyridyl ligands. Monatshefte für Chemie, 2017, 148, 893-900.	1.8	14
15	Synthesis, Hirshfeld surface analysis, luminescence and thermal properties of three first π -row transition metal complexes containing 4 π -hydroxy-2,2 π :6 π :2 π -terpyridine: Application for preparation of nano metal oxides. Applied Organometallic Chemistry, 2020, 34, e5613.		13
16	Supramolecular structures of Ni(II) and Pt(II) based on the substituted 2, 2 π : 6 π : 2 π -terpyridine: Synthesis, structural characterization, luminescence and thermal properties. Journal of Molecular Structure, 2017, 1150, 196-205.	3.6	12
17	Preparation of Co ₃ O ₄ Nanoparticles via Thermal Decomposition of Three New Supramolecular Structures of Co(II) and (III) Containing 4 π -Hydroxy-2,2 π :6 π :2 π -Terpyridine: Crystal Structures and Thermal Analysis Studies. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 235-250.		12
18	Four- and five-coordinate platinum in tris[chlorotris(dimethyl sulfide)platinum(II)] pentakis(trichlorostannyl)platinate(II) from an SnCl ₂ insertion into a Pt π -Cl bond. Journal of Molecular Structure, 2004, 697, 97-100.	3.6	11

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19	Reactivity of diorganotin(IV) dichlorides towards N, P, and O donor ligands: crystal structure of [SnMe ₂ Cl ₂ (phendione)]. <i>Monatshefte für Chemie</i> , 2012, 143, 1479-1486.	1.8	9
20	Synthesis, structural characterization and crystal structure of some dimethyltin complexes containing substituted 1,10-phenanthroline. <i>Journal of Molecular Structure</i> , 2017, 1142, 156-167.	3.6	9
21	Tetrachlorido(1,10-phenanthroline- η^2 N,N ϵ^2)tin(IV) 1,2-dichloroethane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m690-m690.	0.2	8
22	Structure-activity studies of chloro and isothiocyanato diorganotin (IV) complexes based on multidentate N-donor ligands: Synthesis, spectral characterization and crystal structures. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4432.	3.5	8
23	Design of alkyl- and haloalkyl complexes of dimethylplatinum(IV) via oxidative addition: Reactivity, characterization and crystal structures. <i>Inorganica Chimica Acta</i> , 2017, 455, 262-270.	2.4	7
24	Exploiting the versatility of pyridyl ligands for the preparation of diorganotin (IV) adducts: spectral, crystallographic and Hirshfeld surface analysis studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5239.	3.5	7
25	Unexpected formation of dihaloplatinum(II) and platinum(IV) complexes in the reaction of [PtMe ₂ (bu ₂ bpy)] with 1,2-dibromotetrachloroethane: Crystal structure of trans-[PtMe ₂ BrCl(bu ₂ bpy)]. <i>Inorganic Chemistry Communication</i> , 2009, 12, 576-579.	3.9	6
26	Tin(II) Halide Insertion or Halogen Exchange in the Reactions of Dihaloplatinum(II) Complexes with Tin(II) Halide. <i>Helvetica Chimica Acta</i> , 2011, 94, 1618-1627.	1.6	6
27	Heteroleptic complexes of silver(I) featuring 4 ϵ^2 -hydroxy- and 4 ϵ^2 -(2-furyl)-2,2 ϵ^2 :6 ϵ^2 ,2 ϵ^3 -terpyridine: An easy route for synthesis of silver nanoparticles. <i>Inorganica Chimica Acta</i> , 2019, 487, 145-152.	2.4	6
28	Crystal exploring, Hirshfeld surface analysis, and properties of 4 ϵ^2 -(furan-2-yl)-2,2 ϵ^2 :6 ϵ^2 ,2 ϵ^3 -terpyridine complexes of nickel (II): New precursors for the synthesis of nanoparticles. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6179.	3.5	6
29	Cis- and trans-[SnR ₂] configurational isomers in diorganotin(IV) complexes containing mono or bidentate N-donor ligands. <i>Polyhedron</i> , 2013, 63, 111-116.	2.2	5
30	Reactions of platinum complexes with 4,7-phenanthroline: crystal structures of mono- and binuclear platinum(II) complexes containing 4,7-phenanthroline. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2697-2706.	2.2	5
31	Supramolecular Arrangement Built from Zinc and Cadmium Complexes with 4 ϵ^2 -(4-Substituted)-2,2 ϵ^2 :6 ϵ^2 ,2 ϵ^3 -Terpyridine: Crystallographic Investigation, Luminescence and Thermal Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2279-2297.	3.7	5
32	Pt σ -Me bond cleavage in the reactions of dimethylplatinum(II) complexes containing chelating phosphine ligands with organotin(IV) chlorides. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1288-1291.	1.1	4
33	Dihaloplatinum(II) complexes having diimine ligands: crystal structure, thermal properties, cytotoxicity effects against breast cancer cells and application as a precursor towards nanoparticles. <i>Journal of Coordination Chemistry</i> , 2019, 72, 619-632.	2.2	4
34	Multispectroscopic analysis, atomic force microscopy, molecular docking and molecular dynamic simulation studies of the interaction between [SnMe ₂ Cl ₂ (Me ₂ phen)] complex and ct-DNA in the presence of glucose. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5068-5082.	3.5	4
35	Easy oxidative addition of the carbon-halogen bond by dimethylplatinum(II) complexes containing a related series of diimine ligands: Synthesis, spectral characterization and crystal structure. <i>Journal of Molecular Structure</i> , 2015, 1079, 281-290.	3.6	3
36	New insight into the reactions of organoplatinum(II) complexes with diorganotin dichloride and diisothiocyanate: Oxidative addition, reductive elimination and β -elimination. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 368-377.	1.8	3

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37	Dimethyltin(IV) Coordination Polymers Featuring the Versatile Ligand of 2,2'-Bipyrimidine: A Multi-NMR, Hirshfeld Surface Analysis Study and Thermal Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 455-468.	3.7	3
38	Studies of the reactions of platinum halo complexes with tin(II) halides. <i>Journal of Coordination Chemistry</i> , 2009, 62, 465-474.	2.2	2
39	Structural Features of Two Pyridyl Compounds of 1,5-Bis-(2'-pyridyl)pentane-1,3,5-trione and a New Salt of Doubly Protonated Hydroxyterpyridinium. <i>Journal of Chemical Crystallography</i> , 2020, 50, 77-87.	1.1	2
40	Supramolecular Dimeric Silver(I) Complex Based on the 1,1'-Bis(diphenylphosphino)ferrocene: Thermal Behaviors, Luminescence Studies and Cytotoxic Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 4028-4038.	3.7	1