

Hamid R Shahsavari

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

860
citations

18
h-index

25
g-index

62
ext. papers

975
ext. citations

3.7
avg, IF

4.31
L-index

#	Paper	IF	Citations
57	Half-Sandwich Cyclometalated Rh Complexes Bearing Thiolate Ligands: Biomolecular Interactions and Evaluations.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	4
56	The impact of cyclometalated and phosphine ligands on the luminescence properties of cycloplatinated(II) complexes: photophysical and theoretical investigations. <i>New Journal of Chemistry</i> , 2021 , 45, 22732-22740	3.6	1
55	The Utilization of Para-Substituted Triphenylphosphine Derivatives to Synthesize Highly Emissive Cyclometalated Platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4821	2.3	2
54	Photophysical Properties and Kinetic Studies of 2-Vinylpyridine-Based Cycloplatinated(II) Complexes Containing Various Phosphine Ligands. <i>Molecules</i> , 2021 , 26,	4.8	2
53	Fluorinated Cycloplatinated(II) Complexes Bearing Bisphosphine Ligands as Potent Anticancer Agents. <i>Organometallics</i> , 2021 , 40, 72-82	3.8	4
52	Pt(II)-Decorated Covalent Organic Framework for Photocatalytic Difluoroalkylation and Oxidative Cyclization Reactions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 6349-6358	9.5	6
51	Five- and Six-Coordinated Silver(I) Complexes Formed by a Metallomacrocyclic Ligand with a "AuN" Donor Group: Observation of Pendulum and Linear Motions and Dual Phosphorescence. <i>Inorganic Chemistry</i> , 2020 , 59, 5702-5712	5.1	3
50	Recombinant Peptide Fusion Protein-Templated Palladium Nanoparticles for Suzuki-Miyaura and Stille Coupling Reactions. <i>ChemCatChem</i> , 2020 , 12, 2942-2946	5.2	4
49	C(sp ²)C(sp ²) Reductive Elimination from a Diarylplatinum(II) Complex Induced by a S _β Bond Oxidative Addition at Room Temperature. <i>Organometallics</i> , 2020 , 39, 417-424	3.8	9
48	PtSn Nanoalloy Thin Films as Anode Catalysts in Methanol Fuel Cells. <i>Inorganic Chemistry</i> , 2020 , 59, 10688-10698	3.1	1
47	A C ^N Cycloplatinated(II) Fluoride Complex: Photophysical Studies and C-F Bond Formation. <i>Inorganic Chemistry</i> , 2020 , 59, 16319-16327	5.1	7
46	Synthesis and Characterization of RhIII/II (M = Pt, Pd) Heterobimetallic Complexes Based on a Bisphosphine Ligand: Tandem Reactions Using Ethanol. <i>Organometallics</i> , 2020 , 39, 3879-3891	3.8	5
45	Strong red emissions induced by PtPt interactions in binuclear cycloplatinated(II) complexes containing bridging diphosphines. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5020	3.1	8
44	Half-lantern cyclometalated Pt(II) and Pt(III) complexes with bridging heterocyclic thiolate ligands: synthesis, structural characterization, and electrochemical and photophysical properties. <i>New Journal of Chemistry</i> , 2019 , 43, 7716-7724	3.6	12
43	PtM (M = Au and Tl) Dative Bonds Using Bis(cyclometalated)platinum(II) Complexes. <i>Organometallics</i> , 2019 , 38, 1709-1720	3.8	7
42	Heterobimetallic PtII-AuI Complexes Comprising Unsymmetrical 1,1-Bis(diphenylphosphanyl)methane Bridges: Synthesis, Photophysical, and Cytotoxic Studies. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1360-1373	2.3	10
41	trans-Platinum(II) Thionate Complexes: Synthesis, Structural Characterization, and in vitro Biological Assessment as Potent Anticancer Agents. <i>ChemPlusChem</i> , 2019 , 84, 1525-1535	2.8	6

40	Synthesis and biological evaluation of thiolate gold(I) complexes as thioredoxin reductase (TrxR) and glutathione reductase (GR) inhibitors. <i>New Journal of Chemistry</i> , 2019 , 43, 13173-13182	3.6	10
39	Carbon-iodide bond activation by cyclometalated Pt (II) complexes bearing tricyclohexylphosphine ligand: A comparative kinetic study and theoretical elucidation. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4674	3.1	3
38	Synthesis, structural characterization, biological evaluation and molecular docking studies of new platinum(II) complexes containing isocyanides. <i>New Journal of Chemistry</i> , 2018 , 42, 8681-8692	3.6	9
37	Reactivity of a new aryl cycloplatinated(II) complex containing rollover 2,2'-bipyridine N-oxide toward a series of diphosphine ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 9159-9167	3.6	5
36	A Borane Platinum Complex Undergoing Reversible Hydride Migration in Solution. <i>Inorganic Chemistry</i> , 2018 , 57, 1398-1407	5.1	14
35	(Benzyl isocyanide)gold(I) pyrimidine-2-thiolate complex: Synthesis and biological activity. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4200	3.1	12
34	An in-depth investigation on the C-I bond activation by rollover cycloplatinated(II) complexes bearing monodentate phosphane ligands: kinetic and kinetic isotope effect. <i>New Journal of Chemistry</i> , 2018 , 42, 2564-2573	3.6	4
33	Stable trans isomer as the kinetic and thermodynamic product for the oxidative addition of MeI to cycloplatinated(II) complexes comprising isocyanide ligands. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4216	3.1	3
32	Cycloplatinated(II) complexes bearing an O,S-heterocyclic ligand: search for anticancer drugs. <i>New Journal of Chemistry</i> , 2018 , 42, 7177-7187	3.6	10
31	Cycloplatinated(II) complexes bearing 1,1'-bis(diphenylphosphino)ferrocene ligand: biological evaluation and molecular docking studies. <i>New Journal of Chemistry</i> , 2018 , 42, 2385-2392	3.6	16
30	Metal-Organic Frameworks and Covalent Organic Frameworks as Platforms for Photodynamic Therapy. <i>Comments on Inorganic Chemistry</i> , 2018 , 38, 238-293	3.9	20
29	Highly Emissive Cycloplatinated(II) Complexes Obtained by the Chloride Abstraction from the Complex [Pt(ppy)(PPh ₃)(Cl)]: Employing Various Silver Salts. <i>Organometallics</i> , 2018 , 37, 2890-2900	3.8	13
28	Cyclometalated platinum(II) complexes of 2,2'-bipyridine N-oxide containing a 1,1'-bis(diphenylphosphino)ferrocene ligand: structural, computational and electrochemical studies. <i>Dalton Transactions</i> , 2017 , 46, 2013-2022	4.3	10
27	Cyclometalated Platinum(II) Complexes Comprising 2-(Diphenylphosphino)pyridine and Various Thiolate Ligands: Synthesis, Spectroscopic Characterization, and Biological Activity. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2247-2254	2.3	26
26	Synthesis, Biological Evaluation, and Molecular Docking Studies on the DNA Binding Interactions of Platinum(II) Rollover Complexes Containing Phosphorus Donor Ligands. <i>ChemMedChem</i> , 2017 , 12, 456-463	3.7	29
25	Cyclometalated Platinum(II) Complexes Bearing Bidentate O,O'-Di(alkyl)dithiophosphate Ligands: Photoluminescence and Cytotoxic Properties. <i>Organometallics</i> , 2017 , 36, 1707-1717	3.8	34
24	Combined Kinetic-Mechanistic and Theoretical Elucidation of the Oxidative Addition of Iodomethane to Cycloplatinated(II) Complexes: Controlling the Rate of trans/cis Isomerization. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2682-2690	2.3	10
23	Photophysical properties of a series of cycloplatinated(II) complexes featuring allyldiphenylphosphane. <i>New Journal of Chemistry</i> , 2017 , 41, 3798-3810	3.6	23

22	The influence of thiolate ligands on the luminescence properties of cycloplatinated(II) complexes. <i>Dalton Transactions</i> , 2017 , 46, 15919-15927	4.3	23
21	A new approach to the effects of isocyanide (CN-R) ligands on the luminescence properties of cycloplatinated(II) complexes. <i>New Journal of Chemistry</i> , 2017 , 41, 15347-15356	3.6	14
20	Cycloplatinated(II) complex bearing 2-vinylpyridine and monodentate phosphine ligands: Optical properties and kinetic study. <i>Journal of Organometallic Chemistry</i> , 2016 , 803, 82-91	2.3	20
19	Organoplatinum(II) Complexes Featuring the 2-Vinylpyridine Ligand. <i>ChemistrySelect</i> , 2016 , 1, 1780-1783	3.8	6
18	Carbon-sulfur bond reductive coupling from a platinum(II) thiolate complex. <i>RSC Advances</i> , 2016 , 6, 95073-95084	3.4	4
17	A cooperative pathway for water activation using a bimetallic Pt-Cu system. <i>Dalton Transactions</i> , 2016 , 45, 17644-17651	4.3	13
16	Binuclear Complexes and Extended Chains Featuring Pt(II)-Tl(I) Bonds: Influence of the Pyridine-2-Thiolate and Cyclometalated Ligands on the Self-Assembly and Luminescent Behavior. <i>Inorganic Chemistry</i> , 2016 , 55, 7866-78	5.1	30
15	Reactivity of a half-lantern Pt ₂ (II,II) complex with triphenylphosphine: selectivity in a protonation reaction. <i>RSC Advances</i> , 2016 , 6, 76463-76472	3.7	18
14	C-H reductive elimination during the reaction of cycloplatinated(II) complexes with pyridine-2-thione: kinetic follow up. <i>RSC Advances</i> , 2015 , 5, 22692-22702	3.7	17
13	Photophysical and DFT studies on cycloplatinated complexes: modification in luminescence properties by expanding of π -conjugated systems. <i>RSC Advances</i> , 2015 , 5, 57581-57591	3.7	32
12	2-(diphenylphosphino)pyridine platinum (I) and palladium (I) complex as an efficient binuclear catalyst for Suzuki-Miyaura coupling reaction in water under mild reaction conditions. <i>Journal of Organometallic Chemistry</i> , 2015 , 796, 3-10	2.3	10
11	Cyclometalated heteronuclear Pt/Ag and Pt/Tl complexes: a structural and photophysical study. <i>Dalton Transactions</i> , 2014 , 43, 1105-16	4.3	23
10	N, N'-bis(2-pyridinecarboxamide)-1,2-benzene palladium complex as a new efficient catalyst for Suzuki-Miyaura coupling reaction under phosphane free conditions. <i>Inorganica Chimica Acta</i> , 2014 , 421, 433-438	2.7	31
9	Photophysical responses in Pt ₂ Pb clusters driven by solvent interactions and structural changes in the Pb(II) environment. <i>Inorganic Chemistry</i> , 2014 , 53, 8770-85	5.1	41
8	Solvent-induced lone pair activity tuning and vapoluminescence in a Pt ₂ Pb cluster. <i>Chemical Communications</i> , 2013 , 49, 5067-9	5.8	27
7	Oxidative addition of MeI to some cyclometalated organoplatinum(II) complexes: Kinetics and mechanism. <i>Journal of Organometallic Chemistry</i> , 2012 , 698, 53-61	2.3	41
6	Influence of anionic components of ionic liquid solvents on oxidative addition reactions of organoplatinum(II) complexes with MeI. <i>New Journal of Chemistry</i> , 2012 , 36, 1739	3.6	11
5	Assembly of Cyclometalated Platinum(II) Complexes via 1,1'-Bis(diphenylphosphino)ferrocene Ligand: Kinetics and Mechanisms. <i>Organometallics</i> , 2011 , 30, 1466-1477	3.8	26

4	Substitution reactions involving cyclometalated platinum(II) complexes: Kinetic investigations. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3564-3571	2.3	17
3	Oxidative addition reaction of diarylplatinum(II) complexes with MeI in ionic liquid media: a kinetic study. <i>Dalton Transactions</i> , 2010 , 39, 7800-5	4.3	28
2	A Tetramethylplatinum(IV) Complex with 1,1'-Bis(diphenylphosphanyl)ferrocene Ligands: Reaction with Trifluoroacetic Acid. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3814-3820	2.3	19
1	Efficient Beckmann rearrangement and dehydration of oximes via phosphonate intermediates. <i>Tetrahedron Letters</i> , 2007 , 48, 2639-2643	2	46