

Hamid R Shahsavari

List of Publications by Year in descending order

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59
papers

1,079
citations

361388

20
h-index

501174

28
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62
all docs

62
docs citations

62
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Beckmann rearrangement and dehydration of oximes via phosphonate intermediates. <i>Tetrahedron Letters</i> , 2007, 48, 2639-2643.	1.4	48
2	Cyclometalated Platinum(II) Complexes Bearing Bidentate λ^2 -Di(alkyl)dithiophosphate Ligands: Photoluminescence and Cytotoxic Properties. <i>Organometallics</i> , 2017, 36, 1707-1717.	2.3	45
3	Oxidative addition of MeI to some cyclometalated organoplatinum(II) complexes: Kinetics and mechanism. <i>Journal of Organometallic Chemistry</i> , 2012, 698, 53-61.	1.8	43
4	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, 8770-8785.	4.0	41
5	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.	3.6	34
6	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, 456-465.	3.2	34
7	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.	2.4	33
8	Cyclometalated Platinum(II) Complexes Comprising λ^2 -(Diphenylphosphino)pyridine and Various Thiolate Ligands: Synthesis, Spectroscopic Characterization, and Biological Activity. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2247-2254.	2.0	33
9	Binuclear Complexes and Extended Chains Featuring Pt ^{II} -Pt ^I Bonds: Influence of the Pyridine-2-Thiolate and Cyclometalated Ligands on the Self-Assembly and Luminescent Behavior. <i>Inorganic Chemistry</i> , 2016, 55, 7866-7878.	4.0	31
10	Oxidative addition reaction of diarylplatinum(II) complexes with MeI in ionic liquid media: a kinetic study. <i>Dalton Transactions</i> , 2010, 39, 7800.	3.3	29
11	Solvent-induced lone pair activity tuning and vapoluminescence in a Pt ₂ Pb cluster. <i>Chemical Communications</i> , 2013, 49, 5067.	4.1	28
12	Assembly of Cyclometalated Platinum(II) Complexes via 1,1'-bis(diphenylphosphino)ferrocene Ligand: Kinetics and Mechanisms. <i>Organometallics</i> , 2011, 30, 1466-1477.	2.3	27
13	Pt(II)-Decorated Covalent Organic Framework for Photocatalytic Difluoroalkylation and Oxidative Cyclization Reactions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6349-6358.	8.0	27
14	Photophysical properties of a series of cycloplatinated(λ^2) complexes featuring allyldiphenylphosphane. <i>New Journal of Chemistry</i> , 2017, 41, 3798-3810.	2.8	26
15	The influence of thiolate ligands on the luminescence properties of cycloplatinated(λ^2) complexes. <i>Dalton Transactions</i> , 2017, 46, 15919-15927.	3.3	25
16	Cyclometalated heteronuclear Pt/Ag and Pt/Tl complexes: a structural and photophysical study. <i>Dalton Transactions</i> , 2014, 43, 1105-1116.	3.3	24
17	Metal-Organic Frameworks and Covalent Organic Frameworks as Platforms for Photodynamic Therapy. <i>Comments on Inorganic Chemistry</i> , 2018, 38, 238-293.	5.2	24
18	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.	2.0	22

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19	Cycloplatinated(Pt^{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.	2.8	22
20	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.	2.8	22
21	Heterobimetallic $\text{Pt}^{\text{II}}\text{Au}^{\text{I}}$ 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.	2.0	22
22	Reactivity of a half-lantern Pt_2 ($\text{Pt}^{\text{II}}, \text{Pt}^{\text{II}}$) complex with triphenylphosphine: selectivity in a protonation reaction. <i>RSC Advances</i> , 2016, 6, 76463-76472.	3.6	20
23	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.	1.8	20
24	PtSn Nanoalloy Thin Films as Anode Catalysts in Methanol Fuel Cells. <i>Inorganic Chemistry</i> , 2020, 59, 10688-10698.	4.0	20
25	Substitution reactions involving cyclometalated platinum(II) complexes: Kinetic investigations. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3564-3571.	1.8	19
26	A new approach to the effects of isocyanide (CN-R) ligands on the luminescence properties of cycloplatinated(Pt^{II}) complexes. <i>New Journal of Chemistry</i> , 2017, 41, 15347-15356.	2.8	18
27	C-H reductive elimination during the reaction of cycloplatinated(Pt^{II}) complexes with pyridine-2-thione: kinetic follow up. <i>RSC Advances</i> , 2015, 5, 22692-22702.	3.6	17
28	Carbon-sulfur bond reductive coupling from a platinum(Pt^{II}) thiolate complex. <i>RSC Advances</i> , 2016, 6, 95073-95084.	3.6	17
29	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.	2.8	17
30	A C ^N Cycloplatinated(II) Fluoride Complex: Photophysical Studies and Csp ³ -F Bond Formation. <i>Inorganic Chemistry</i> , 2020, 59, 16319-16327.	4.0	17
31	Fluorinated Cycloplatinated(II) Complexes Bearing Bisphosphine Ligands as Potent Anticancer Agents. <i>Organometallics</i> , 2021, 40, 72-82.	2.3	17
32	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.	2.3	16
33	A Borane Platinum Complex Undergoing Reversible Hydride Migration in Solution. <i>Inorganic Chemistry</i> , 2018, 57, 1398-1407.	4.0	15
34	Cycloplatinated(Pt^{II}) complexes bearing an O,S-heterocyclic ligand: search for anticancer drugs. <i>New Journal of Chemistry</i> , 2018, 42, 7177-7187.	2.8	15
35	A cooperative pathway for water activation using a bimetallic $\text{Pt}^{\text{O}}\text{Cu}^{\text{I}}$ system. <i>Dalton Transactions</i> , 2016, 45, 17644-17651.	3.3	14
36	Half-Sandwich Cyclometalated Rh^{III} Complexes Bearing Thiolate Ligands: Biomolecular Interactions and <i>In Vitro</i> and <i>In Vivo</i> Evaluations. <i>Inorganic Chemistry</i> , 2022, 61, 2039-2056.	4.0	14

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37	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.	2.8	13
38	Strong red emissions induced by Ptâ€“Pt interactions in binuclear cycloplatinated(II) complexes containing bridging diphosphines. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5020.	3.5	13
39	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.	1.8	12
40	Combined Kineticâ€“Mechanistic and Theoretical Elucidation of the Oxidative Addition of Iodomethane to Cycloplatinated(II) Complexes: Controlling the Rate of <i>trans/cis</i> Isomerization. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2682-2690.	2.0	12
41	(Benzyl isocyanide)gold(I) pyrimidineâ€“thiolate complex: Synthesis and biological activity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4200.	3.5	12
42	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.	2.8	11
43	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.	3.3	11
44	Recombinant Peptide Fusion Proteinâ€“Templated Palladium Nanoparticles for Suzukiâ€“Miyaura and Stille Coupling Reactions. <i>ChemCatChem</i> , 2020, 12, 2942-2946.	3.7	10
45	C(sp ²)â€“C(sp ²) Reductive Elimination from a Diarylplatinum(II) Complex Induced by a Sâ€“S Bond Oxidative Addition at Room Temperature. <i>Organometallics</i> , 2020, 39, 417-424.	2.3	10
46	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.	2.8	9
47	<i>trans</i> -Platinum(II) Thionate Complexes: Synthesis, Structural Characterization, and <i>in vitro</i> Biological Assessment as Potent Anticancer Agents. <i>ChemPlusChem</i> , 2019, 84, 1525-1535.	2.8	9
48	Five- and Six-Coordinated Silver(I) Complexes Formed by a Metallomacrocyclic Ligand with a Au_2N_2 -Donor Group: Observation of Pendulum and Linear Motions and Dual Phosphorescence. <i>Inorganic Chemistry</i> , 2020, 59, 5702-5712.	4.0	9
49	Ptâ€“M (M = Au and Tl) Dative Bonds Using Bis(cyclometalated)platinum(II) Complexes. <i>Organometallics</i> , 2019, 38, 1709-1720.	2.3	8
50	Organoplatinum(II) Complexes Featuring the 2'-Vinylpyridine Ligand. <i>ChemistrySelect</i> , 2016, 1, 1780-1783.	1.5	6
51	Synthesis and Characterization of Rh ^{III} â€“M ^{II} (M = Pt, Pd) Heterobimetallic Complexes Based on a Bisphosphine Ligand: Tandem Reactions Using Ethanol. <i>Organometallics</i> , 2020, 39, 3879-3891.	2.3	6
52	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.	2.0	6
53	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.	2.8	6
54	An in-depth investigation on the Câ€“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.	2.8	4

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55	Carbon–iodine 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.	3.5	4
56	Stable <i>trans</i> 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.	3.5	3
57	Photophysical Properties and Kinetic Studies of 2-Vinylpyridine-Based Cycloplatinated(II) Complexes Containing Various Phosphine Ligands. <i>Molecules</i> , 2021, 26, 2034.	3.8	3
58	Oxidative Addition of a Hypervalent Iodine Compound to Cycloplatinated(II) Complexes for the C–O Bond Construction: Effect of Cyclometalated Ligands. <i>Inorganic Chemistry</i> , 2021, , .	4.0	3
59	Fine-Tuning of Luminescence Properties of Cyclometalated Platinum(II) Complexes <i>via</i> Aminopyridine Derivatives. <i>Organometallics</i> , 2022, 41, 1325-1333.	2.3	3