Mohsen Golbon Haghighi

List of Publications by Year
in descending order

29 papers	647 citations	623188 14 h-index	580395 25 g-index
29 all docs	29 docs citations	29 times ranked	753 citing authors

#	Article	IF	Citations
1	Photogeneration of hydrogen from water using CdSe nanocrystals demonstrating the importance of surface exchange. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16716-16723.	3.3	127
2	Cyclometalated organoplatinum(ii) complexes: first example of a monodentate benzo[h]quinolyl ligand and a complex with bridging bis(diphenylphosphino)ethane. Dalton Transactions, 2010, 39, 11396.	1.6	53
3	Assembly of Symmetrical or Unsymmetrical Cyclometalated Organoplatinum Complexes through a Bridging Diphosphine Ligand. Organometallics, 2010, 29, 4893-4899.	1.1	51
4	Anticancer activity and DNA-binding properties of novel cationic Pt(II) complexes. International Journal of Biological Macromolecules, 2014, 66, 86-96.	3.6	48
5	Cyclometalated Platinum(II) Complexes Bearing Bidentate O,Oâ€²-Di(alkyl)dithiophosphate Ligands: Photoluminescence and Cytotoxic Properties. Organometallics, 2017, 36, 1707-1717.	1.1	45
6	Selectivity in metalâ€“carbon bond protonolysis in p-tolyl- (or methyl)-cycloplatinated(ii) complexes: kinetics and mechanism of the uncatalyzed isomerization of the resulting Pt(ii) products. Dalton Transactions, 2013, 42, 13369.	1.6	41
7	Photophysical properties of a series of cycloplatinated(<scp>ii</scp>) complexes featuring allyldiphenylphosphane. New Journal of Chemistry, 2017, 41, 3798-3810.	1.4	26
8	Influence of the Diphosphine Coordination Mode on the Structural and Optical Properties of Cyclometalated Platinum(II) Complexes: An Experimental and Theoretical Study on Intramolecular PtÂ·Â·Â·Pt and Ï€Â·Â·Â·Ï€ Interactions. Inorganic Chemistry, 2018, 57, 5060-5073.	1.9	23
9	Reactivity of a half-lantern Pt₂(<scp>ii</scp>,<scp>ii</scp>) complex with triphenylphosphine: selectivity in a protonation reaction. RSC Advances, 2016, 6, 76463-76472.	1.7	20
10	A new approach to the effects of isocyanide (CN-R) ligands on the luminescence properties of cycloplatinated(<scp>ii</scp>) complexes. New Journal of Chemistry, 2017, 41, 15347-15356.	1.4	18
11	Carbonâ€“sulfur bond reductive coupling from a platinum(<scp>ii</scp>) thiolate complex. RSC Advances, 2016, 6, 95073-95084.	1.7	17
12	Highly Emissive Cycloplatinated(II) Complexes Obtained by the Chloride Abstraction from the Complex [Pt(ppy)(PPh₃)(Cl)]: Employing Various Silver Salts. Organometallics, 2018, 37, 2890-2900.	1.1	16
13	Photophysical study on unsymmetrical binuclear cycloplatinated(<scp>ii</scp>) complexes. New Journal of Chemistry, 2017, 41, 13293-13302.	1.4	15
14	A Borane Platinum Complex Undergoing Reversible Hydride Migration in Solution. Inorganic Chemistry, 2018, 57, 1398-1407.	1.9	15
15	Cycloplatinated(<scp>ii</scp>) complexes bearing an O,S-heterocyclic ligand: search for anticancer drugs. New Journal of Chemistry, 2018, 42, 7177-7187.	1.4	15
16	Comparison of coordination mode of some biphosphine ligands in cyclometalated organoplatinum(II) complexes. Journal of Organometallic Chemistry, 2014, 755, 93-100.	0.8	14
17	Transition metal-free N-fluoroalkylation of amines using cyanurate activated fluoroalcohols. Chemical Communications, 2017, 53, 12650-12653.	2.2	14
18	Influence of ancillary ligands on the photophysical properties of cyclometalated organoplatinum(<scp>ii</scp>) complexes. New Journal of Chemistry, 2018, 42, 8661-8671.	1.4	14

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19	Combined Kineticoâ€Mechanistic and Theoretical Elucidation of the Oxidative Addition of Iodomethane to Cycloplatinated(II) Complexes: Controlling the Rate of trans/cis Isomerization. European Journal of Inorganic Chemistry, 2017, 2017, 2682-2690.	1.0	12
20	Immobilized copper iodide on a porous organic polymer bearing P,N-ligation sites: A highly efficient heterogeneous catalyst for C O bond formation reaction. Molecular Catalysis, 2017, 438, 214-223.	1.0	11
21	Study on the interaction of three structurally related cationic Pt(II) complexes with human serum albumin: importance of binding affinity and denaturing properties. Journal of the Iranian Chemical Society, 2016, 13, 617-630.	1.2	10
22	Phosphine-functionalized graphene oxide, a high-performance electrocatalyst for oxygen reduction reaction. Applied Surface Science, 2018, 427, 722-729.	3.1	9
23	Ironâ€Porphyrin/Cysteine/PEG as Pseudoâ€Chloroperoxidase Nanozyme. ChemistrySelect, 2019, 4, 10357-10364.	0.7	7
24	Strategy for Selective Csp2â€“F and Csp2â€“Csp2 Formations from Organoplatinum Complexes. Inorganic Chemistry, 2021, 60, 1016-1020.	1.9	7
25	Dual-Emissive Bis(diphenylphosphino)amine Platinum Complexes: Structural, Reactivity, Photophysical, and Theoretical Investigations. Organometallics, 2020, 39, 3099-3111.	1.1	5
26	Boosting Photoelectrochemical Water Oxidation Performance of Nanoporous BiVO₄ via Dual Cocatalysts Cobaloxime and Ni-OEC Modification. Journal of Physical Chemistry C, 2022, 126, 11042-11050.	1.5	5
27	Carbonâ€iodide bond activation by cyclometalated Pt (II) complexes bearing tricyclohexylphosphine ligand: A comparative kinetic study and theoretical elucidation. Applied Organometallic Chemistry, 2019, 33, e4674.	1.7	4
28	Photophysical Properties and Kinetic Studies of 2-Vinylpyridine-Based Cycloplatinated(II) Complexes Containing Various Phosphine Ligands. Molecules, 2021, 26, 2034.	1.7	3
29	Easy Csp2â€“Csp2 Reductive Elimination from Organoplatinum Complexes by Electrophilic Fluorinating Reagents. Journal of Organometallic Chemistry, 2022, , 122339.	0.8	2