

Reza Babadi Aghakhanpour

List of Publications by Citations

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ext. citations

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avg, IF

4.1
L-index

#	Paper	IF	Citations
32	Synthesis and characterization of nanocrystalline zirconia powder by simple sol-gel method with glucose and fructose as organic additives. <i>Powder Technology</i> , 2011 , 205, 193-200	5.2	113
31	Synthesis and characterization of superfine pure tetragonal nanocrystalline sulfated zirconia powder by a non-alkoxide sol-gel route. <i>Advanced Powder Technology</i> , 2012 , 23, 80-87	4.6	59
30	Utilization of a Nonemissive Triphosphine Ligand to Construct a Luminescent Gold(I)-Box That Undergoes Mechanochromic Collapse into a Helical Complex. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7533-7542	16.4	36
29	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
28	Luminescence properties of some monomeric and dimeric cycloplatinated(II) complexes containing biphosphine ligands. <i>Dalton Transactions</i> , 2015 , 44, 15829-42	4.3	34
27	Photophysical properties of a series of cycloplatinated(II) complexes featuring allyldiphenylphosphane. <i>New Journal of Chemistry</i> , 2017 , 41, 3798-3810	3.6	23
26	A kinetic approach to carbon-dide bond activation by rollover cycloplatinated(II) complexes containing monodentate phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2015 , 781, 47-52	2.3	23
25	Reactivity comparison of five- and six-membered cyclometalated platinum(II) complexes in oxidative addition reactions. <i>RSC Advances</i> , 2015 , 5, 85111-85121	3.7	22
24	Newly designed luminescent di- and tetra-nuclear double rollover cycloplatinated(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2016 , 819, 216-227	2.3	22
23	Oxidation of a rollover cycloplatinated(II) dimer by MeI: a kinetic study. <i>RSC Advances</i> , 2015 , 5, 66534-66542	3.4	20
22	Simple tuning of the luminescence properties of the double rollover cycloplatinated(II) structure by halide ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 1337-1346	3.6	15
21	A double rollover cycloplatinated(II) skeleton: a versatile platform for tuning emission by chelating and non-chelating ancillary ligand systems. <i>Dalton Transactions</i> , 2019 , 48, 5713-5724	4.3	14
20	Dinuclear and tetranuclear copper(I) iodide complexes with P and P^N donor ligands: Structural and photoluminescence studies. <i>Polyhedron</i> , 2018 , 154, 217-228	2.7	14
19	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
18	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
17	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
16	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

15	C(sp ²)C(sp ²) Reductive Elimination from a Diarylplatinum(II) Complex Induced by a S-B Bond Oxidative Addition at Room Temperature. <i>Organometallics</i> , 2020 , 39, 417-424	3.8	9
14	Synthesis and characterization of pure tetragonal nanocrystalline sulfated 8YSZ powder by sol-gel route. <i>Powder Technology</i> , 2012 , 224, 12-18	5.2	8
13	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
12	A trimetallic organometallic precursor for efficient water oxidation. <i>Scientific Reports</i> , 2019 , 9, 3734	4.9	6
11	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
10	The history of organoplatinum chemistry in Iran: 40-year research. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 2683-2715	2	5
9	An in-depth investigation on the C-B 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
8	Structure determination and DFT studies of some new phosphite-based cycloplatinated(II) complexes containing biphosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2016 , 803, 73-81	2.3	4
7	Fluorinated Cycloplatinated(II) Complexes Bearing Bisphosphine Ligands as Potent Anticancer Agents. <i>Organometallics</i> , 2021 , 40, 72-82	3.8	4
6	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
5	Nanosized rhodium oxide for water oxidation: An organometallic precursor for the preparation of rhodium oxide. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4118	3.1	3
4	The reactivity of trans-diiodoplatinum(II) complexes containing five and six-membered N-heterocycle ligands toward some diphosphine ligands. <i>Polyhedron</i> , 2017 , 127, 17-24	2.7	2
3	Luminescent mononuclear and dinuclear cycloplatinated (II) complexes comprising azide and phosphine ancillary ligands. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5197	3.1	2
2	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
1	Photophysical Properties and Kinetic Studies of 2-Vinylpyridine-Based Cycloplatinated(II) Complexes Containing Various Phosphine Ligands. <i>Molecules</i> , 2021 , 26,	4.8	2