Reza Babadi Aghakhanpour

List of Publications by Year in Descending Order

32 papers	542 citations	14 h-index	22 g-index
33 ext. papers	625 ext. citations	3.8 avg, IF	4.1 L-index

#	Paper	IF	Citations
32	The Utilization of Para-Substituted Triphenylphosphine Derivatives to Synthesize Highly Emissive Cyclometalated Platinum(II) Complexes. *European Journal of Inorganic Chemistry*, **2021**, 2021, 4821	2.3	2
31	Photophysical Properties and Kinetic Studies of 2-Vinylpyridine-Based Cycloplatinated(II) Complexes Containing Various Phosphine Ligands. *Molecules*, **2021**, 26,	4.8	2
30	Fluorinated Cycloplatinated(II) Complexes Bearing Bisphosphine Ligands as Potent Anticancer Agents. *Organometallics*, **2021**, 40, 72-82	3.8	4
29	C(sp2)□C(sp2) Reductive Elimination from a Diarylplatinum(II) Complex Induced by a S□ Bond Oxidative Addition at Room Temperature. *Organometallics*, **2020**, 39, 417-424	3.8	9
28	A C^N Cycloplatinated(II) Fluoride Complex: Photophysical Studies and C-F Bond Formation. *Inorganic Chemistry*, **2020**, 59, 16319-16327	5.1	7
27	The history of organoplatinum chemistry in Iran: 40-year research. *Journal of the Iranian Chemical Society*, **2020**, 17, 2683-2715	2	5
26	A double rollover cycloplatinated(ii) skeleton: a versatile platform for tuning emission by chelating and non-chelating ancillary ligand systems. *Dalton Transactions*, **2019**, 48, 5713-5724	4.3	14
25	A trimetallic organometallic precursor for efficient water oxidation. *Scientific Reports*, **2019**, 9, 3734	4.9	6
24	Heterobimetallic PtII-AuI Complexes Comprising Unsymmetrical 1,1-Bis(diphenylphosphanyl)methane Bridges: Synthesis, Photophysical, and Cytotoxic Studies. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1360-1373	2.3	10
23	Luminescent mononuclear and dinuclear cycloplatinated (II) complexes comprising azide and phosphine ancillary ligands. *Applied Organometallic Chemistry*, **2019**, 33, e5197	3.1	2
22	Reactivity of a new aryl cycloplatinated(II) complex containing rollover 2,2?-bipyridine N-oxide toward a series of diphosphine ligands. *New Journal of Chemistry*, **2018**, 42, 9159-9167	3.6	5
21	An in-depth investigation on the C□bond activation by rollover cycloplatinated(II) complexes bearing monodentate phosphane ligands: kinetic and kinetic isotope effect. *New Journal of Chemistry*, **2018**, 42, 2564-2573	3.6	4
20	Stable trans isomer as the kinetic and theromodynamic product for the oxidative addition of MeI to cycloplatinated(II) complexes comprising isocyanide ligands. *Applied Organometallic Chemistry*, **2018**, 32, e4216	3.1	3
19	Utilization of a Nonemissive Triphosphine Ligand to Construct a Luminescent Gold(I)-Box That Undergoes Mechanochromic Collapse into a Helical Complex. *Journal of the American Chemical Society*, **2018**, 140, 7533-7542	16.4	36
18	Dinuclear and tetranuclear copper(I) iodide complexes with P and P^N donor ligands: Structural and photoluminescence studies. *Polyhedron*, **2018**, 154, 217-228	2.7	14
17	Nanosized rhodium oxide for water oxidation: An organometallic precursor for the preparation of rhodium oxide. *Applied Organometallic Chemistry*, **2018**, 32, e4118	3.1	3
16	Simple tuning of the luminescence properties of the double rollover cycloplatinated(II) structure by halide ligands. *New Journal of Chemistry*, **2018**, 42, 1337-1346	3.6	15

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15	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	3.8	13
14	The reactivity of trans-diiodoplatinum(II) complexes containing five and six-membered N-heterocycle ligands toward some diphosphine ligands. *Polyhedron*, **2017**, 127, 17-24	2.7	2
13	Cyclometalated Platinum(II) Complexes Bearing Bidentate O,O?-Di(alkyl)dithiophosphate Ligands: Photoluminescence and Cytotoxic Properties. *Organometallics*, **2017**, 36, 1707-1717	3.8	34
12	Combined Kinetico-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	2.3	10
11	Photophysical properties of a series of cycloplatinated(II) complexes featuring allyldiphenylphosphane. *New Journal of Chemistry*, **2017**, 41, 3798-3810	3.6	23
10	A new approach to the effects of isocyanide (CN-R) ligands on the luminescence properties of cycloplatinated(II) complexes. *New Journal of Chemistry*, **2017**, 41, 15347-15356	3.6	14
9	Newly designed luminescent di- and tetra-nuclear double rollover cycloplatinated(II) complexes. *Journal of Organometallic Chemistry*, **2016**, 819, 216-227	2.3	22
8	Structure determination and DFT studies of some new phosphite-based cycloplatinated(II) complexes containing biphosphine ligands. *Journal of Organometallic Chemistry*, **2016**, 803, 73-81	2.3	4
7	Luminescence properties of some monomeric and dimeric cycloplatinated(ii) complexes containing biphosphine ligands. *Dalton Transactions*, **2015**, 44, 15829-42	4.3	34
6	Oxidation of a rollover cycloplatinated(II) dimer by MeI: a kinetic study. *RSC Advances*, **2015**, 5, 66534-66542	3.7	20
5	Reactivity comparison of five-and six-membered cyclometalated platinum(II) complexes in oxidative addition reactions. *RSC Advances*, **2015**, 5, 85111-85121	3.7	22
4	A kinetic approach to carbon–iodide bond activation by rollover cycloplatinated(II) complexes containing monodentate phosphine ligands. *Journal of Organometallic Chemistry*, **2015**, 781, 47-52	2.3	23
3	Synthesis and characterization of pure tetragonal nanocrystalline sulfated 8YSZ powder by sol–gel route. *Powder Technology*, **2012**, 224, 12-18	5.2	8
2	Synthesis and characterization of superfine pure tetragonal nanocrystalline sulfated zirconia powder by a non-alkoxide sol–gel route. *Advanced Powder Technology*, **2012**, 23, 80-87	4.6	59
1	Synthesis and characterization of nanocrystalline zirconia powder by simple sol–gel method with glucose and fructose as organic additives. *Powder Technology*, **2011**, 205, 193-200	5.2	113