

Parna Gupta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Luminescent terpyridine appended geminal bisazide and bistriazoles: multinuclear Pt(ⁱⁱ) complexes and AIPE-based DNA detection with the naked eye. Dalton Transactions, 2021, 50, 10225-10236.	3.3	5
2	Trinuclear Organometallic Pt ^{II} /Ir ^{III} /Pt Complexes: Insights into Photophysical Properties, Amino Acid Binding and Protein Sensing. Chemistry - an Asian Journal, 2021, 16, 2495-2503.	3.3	4
3	Phosphorescent Trinuclear Pt ^{II} /Ir ^{III} /Pt Complexes: Insights into the Photophysical and Electrochemical Properties and Interaction with Guanine Nucleobase. Chemistry - A European Journal, 2020, 26, 14987-14995.	3.3	8
4	A cyclometalated trinuclear Ir(ⁱⁱⁱ)/Pt(ⁱⁱ) complex as a luminescent probe for histidine-rich proteins. Dalton Transactions, 2020, 49, 1864-1872.	3.3	13
5	Ultrafast Photoinduced Electron Transfer from Cyclometalated Rhodium and Iridium Complexes to Cyan Emitting Copper Nanoclusters: Footsteps toward Light Harvesting. ChemistrySelect, 2019, 4, 8568-8573.	1.5	5
6	Red-emitting cyclometalated platinum(II) complexes with imidazolyl phenanthrolines: Synthesis and photophysical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 361, 86-92.	3.9	3
7	Electronic Description of the Photophysics of Homo- and Heterodinuclear Cyclometalated Iridium and Rhodium Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 873-880.	2.0	6
8	Efficiency of photoinduced electron transfer in mono- and di-nuclear iridium complexes: a comparative study. New Journal of Chemistry, 2017, 41, 6540-6545.	2.8	5
9	Intriguing interaction of a cyclometalated dinuclear Ir(III) complex bridged by imidazolyl phenanthroline with anionic and cationic lipid vesicles. Journal of Luminescence, 2017, 192, 1196-1202.	3.1	4
10	Ultrafast Photoinduced Electron Transfer between Carbon Nanoparticles and Cyclometalated Rhodium and Iridium Complexes. Journal of Physical Chemistry C, 2015, 119, 25122-25128.	3.1	20
11	Cyclometalated iridium(ⁱⁱⁱ) complexes of (aryl)ethenyl functionalized 2,2'-bipyridine: synthesis, photophysical properties and trans-cis isomerization behavior. RSC Advances, 2015, 5, 99529-99539.	3.6	7
12	Cyclometalated mono and dinuclear rhodium(III) and iridium(III) complexes with imidazolyl phenanthrolines: Synthesis and, photophysical and electrochemical characterization. Polyhedron, 2015, 95, 14-23.	2.2	17
13	Development of a cyclometalated iridium complex with specific intramolecular hydrogen-bonding that acts as a fluorescent marker for the endoplasmic reticulum and causes photoinduced cell death. Dalton Transactions, 2014, 43, 17463-17474.	3.3	28
14	Cyclometalated rhodium and iridium complexes with imidazole containing Schiff bases: Synthesis, structure and cellular imaging. Polyhedron, 2014, 73, 12-21.	2.2	21
15	Studies on ruthenium complexes of pyrene-appended Schiff base ligands. Polyhedron, 2014, 80, 290-297.	2.2	15
16	Carbohydrate derived thiosemicarbazone and semicarbazone palladium complexes: homogeneous catalyst for C-C cross coupling reactions. Tetrahedron Letters, 2013, 54, 4914-4917.	1.4	31
17	Dynamics of pyrenesemicarbazide and pyrenethiosemicarbazide in reverse micelle of AOT in n-heptane: Probing critical penetration of water molecules toward the palisade. Chemical Physics Letters, 2013, 587, 30-34.	2.6	5
18	Interaction of semicarbazide and thiosemicarbazide pyrene derivatives with anionic and cationic micelles: changed character of pyrene due to alteration in charge density induced by the side chains. RSC Advances, 2013, 3, 12384.	3.6	5

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19	A closer look at the formation of bicyclometalated and cyclometalated ruthenium carbonyl complexes. <i>Inorganica Chimica Acta</i> , 2013, 397, 10-20.	2.4	13
20	Ruthenium and osmium complexes of novel carbohydrate derived salen ligands: Synthesis, characterization and in situ ligand reduction. <i>Inorganica Chimica Acta</i> , 2013, 398, 83-88.	2.4	11
21	Extra stabilisation of a pyrene based molecular couple by β -cyclodextrin in the excited electronic state. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11500.	2.8	14
22	Synthesis of a sugar-functionalized iridium complex and its application as a fluorescent lectin sensor. <i>Tetrahedron Letters</i> , 2012, 53, 3915-3918.	1.4	27
23	Encapsulating ruthenium and osmium with tris(2-aminoethyl)amine based tripodal ligands. <i>Polyhedron</i> , 2012, 31, 167-175.	2.2	19
24	Interaction of a ruthenium terpyridylamine complex with charged elongated micellar scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 641-647.	5.0	3
25	Organoiridium complexes: efficient catalysts for the formation of sugar acetals and ketals. <i>Carbohydrate Research</i> , 2011, 346, 2007-2010.	2.3	14
26	Bis[$\frac{1}{4}$ -(E)-methyl 4-[(2-carbamothioylhydrazinylidene)methyl]benzoate- η^2 S:S}bis[iodido(triphenylphosphane- η^3 P)copper(I)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1535-m1535.	0.2	0
27	Methyl 4-(1H-benzimidazol-2-yl)benzoate trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2754-o2754.	0.2	0
28	Ruthenium Mediated C-H Activation of 2-(Arylazo)phenols: Characterization of an Intermediate and the Final Organoruthenium Complex. <i>Inorganic Chemistry</i> , 2006, 45, 460-467.	4.0	38
29	Variable Coordination Mode of Chloranilic Acid. Synthesis, Structure, and Electrochemical Properties of Some Osmium Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 2081-2088.	4.0	31
30	Unprecedented Migration of a Methyl Group in 2-(2,6-Dimethylphenylazo)-4-methylphenol Mediated by Ruthenium. <i>Inorganic Chemistry</i> , 2004, 43, 4814-4816.	4.0	47
31	Chemically Induced Cyclometalation of 2-(Arylazo)phenols. Synthesis, Characterization, and Redox Properties of a Family of Organoosmium Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 5405-5411.	4.0	34
32	Unprecedented Chemical Transformation of Benzaldehyde Semicarbazone Mediated by Osmium. <i>Inorganic Chemistry</i> , 2003, 42, 2069-2074.	4.0	16
33	Structural Systematics for C ₆ H ₄ XY Ligands with X, Y = O, NH, and S Donor Atoms. o-Iminoquinone and o-Iminothioquinone Complexes of Ruthenium and Osmium. <i>Inorganic Chemistry</i> , 2002, 41, 5810-5816.	4.0	153