

Aditya Garai

List of Publications by Year in descending order

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papers

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citations

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32
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#	ARTICLE	IF	CITATIONS
1	Chitosan functionalized thiophene-2-thiosemicarbazones, and their copper(II) complexes: synthesis, characterization, and anticancer activity. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2022, 59, 211-227.	1.2	12
2	BODIPY-linked cis-dichlorido zinc(ii) conjugates: the strategic design of organelle-specific next-generation theranostic photosensitizers. <i>Dalton Transactions</i> , 2021, 50, 103-115.	1.6	9
3	Imidazole-2-carboxaldehyde Chitosan Thiosemicarbazones and their Copper(II) Complexes: Synthesis, Characterization and Antitumorigenic Activity against Madin-Darby Canine Kidney Cell Line. <i>Asian Journal of Chemistry</i> , 2021, 33, 969-976.	0.1	9
4	Synthesis and Characterization of High Molecular Weight Chitosan, and Antioxidant Activity of Its Chitosan Oligosaccharide Encapsulation. <i>Journal of Nepal Chemical Society</i> , 2021, 42, 29-38.	0.7	12
5	Supramolecular Cylinders Target Bulge Structures in the 5' UTR of the RNA Genome of SARS-CoV-2 and Inhibit Viral Replication**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18144-18151.	7.2	12
6	Supramolecular Cylinders Target Bulge Structures in the 5' UTR of the RNA Genome of SARS-CoV-2 and Inhibit Viral Replication**. <i>Angewandte Chemie</i> , 2021, 133, 18292-18299.	1.6	3
7	Crystal structure, DNA crosslinking and photo-induced cytotoxicity of oxovanadium(IV) conjugates of boron-dipyrrromethene. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110817.	1.5	10
8	Ruthenium(II) Conjugates of Boron-Dipyrrromethene and Biotin for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2020, 59, 913-924.	1.9	35
9	Recent advances in uranyl binding in proteins thanks to biomimetic peptides. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110936.	1.5	22
10	Rotaxanating Metallo-supramolecular Nano-cylinder Helicates to Switch DNA Junction Binding. <i>Journal of the American Chemical Society</i> , 2020, 142, 20651-20660.	6.6	24
11	Mitochondria-localizing BODIPY-copper(II) conjugates for cellular imaging and photo-activated cytotoxicity forming singlet oxygen. <i>Dalton Transactions</i> , 2018, 47, 5019-5030.	1.6	28
12	Glucose-Appended Platinum(II)-BODIPY Conjugates for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2018, 57, 1717-1726.	1.9	63
13	Iron(III) Complexes of Vitamin B ₆ Schiff Base with Boron-Dipyrrromethene Pendants for Lysosome-Selective Photocytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1522-1532.	1.0	15
14	Synthesis, Theory and In Vitro Photodynamic Activities of New Copper(II)-Histidinato Complexes. <i>ChemistrySelect</i> , 2018, 3, 2767-2775.	0.7	13
15	Mitochondria localizing high-spin iron complexes of curcumin for photo-induced drug release. <i>Inorganica Chimica Acta</i> , 2018, 483, 571-578.	1.2	6
16	Photochemotherapy of Infrared Active BODIPY-Appended Iron(III) Catecholates for in Vivo Tumor Growth Inhibition. <i>ACS Omega</i> , 2018, 3, 9333-9338.	1.6	16
17	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB) Tj ETQq _{1.5} 0.784314 rgBT	1.5	0
18	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB) Tj ETQq _{1.5} 0 rgBT /Overlock 11	1.5	0

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19	Curcumin $\hat{\text{e}}$ Drug $\hat{\text{e}}$ Stabilized in Oxidovanadium(IV)-BODIPY Conjugates for Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 12457-12468.	1.9	51
20	Monofunctional BODIPY-Appended Imidazoplatin for Cellular Imaging and Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 11019-11029.	1.9	55
21	Mitochondria $\hat{\text{e}}$ Targeted Anticancer Activity of BODIPY $\hat{\text{e}}$ Appended Iron(III) Catecholates in Red Light. <i>ChemistrySelect</i> , 2017, 2, 11686-11692.	0.7	12
22	Cellular imaging and mitochondria targeted photo-cytotoxicity in visible light by singlet oxygen using a BODIPY-appended oxovanadium(IV) DNA crosslinking agent. <i>MedChemComm</i> , 2016, 7, 1398-1404.	3.5	13
23	Bacterial siderophore mimicking iron complexes as DNA targeting antimicrobials. <i>RSC Advances</i> , 2016, 6, 39245-39260.	1.7	19
24	Photorelease and Cellular Delivery of Mitocurcumin from Its Cytotoxic Cobalt(III) Complex in Visible Light. <i>Inorganic Chemistry</i> , 2016, 55, 6027-6035.	1.9	55
25	Polypyridyl iron(II) complexes showing remarkable photocytotoxicity in visible light. <i>Journal of Chemical Sciences</i> , 2015, 127, 609-618.	0.7	9
26	Iron(III) salicylates of dipicolylamine bases showing photo-induced anticancer activity and cytosolic localization. <i>Polyhedron</i> , 2015, 102, 668-676.	1.0	15
27	Iron(III) benzhydroxamates of dipicolylamines for photocytotoxicity in red light and cellular imaging. <i>Polyhedron</i> , 2014, 73, 124-132.	1.0	24