

# Aditya Garai

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

556  
citations

687220

13  
h-index

642610

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose-Appended Platinum(II)-BODIPY Conjugates for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2018, 57, 1717-1726.	1.9	63
2	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
3	Monofunctional BODIPY-Appended Imidazoplatin for Cellular Imaging and Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 11019-11029.	1.9	55
4	Curcumin $\alpha$ -Drug $\beta$ -Stabilized in Oxidovanadium(IV)-BODIPY Conjugates for Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 12457-12468.	1.9	51
5	Ruthenium(II) Conjugates of Boron-Dipyrromethene and Biotin for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2020, 59, 913-924.	1.9	35
6	Mitochondria-localizing BODIPY $\alpha$ -copper( $\beta$ ) conjugates for cellular imaging and photo-activated cytotoxicity forming singlet oxygen. <i>Dalton Transactions</i> , 2018, 47, 5019-5030.	1.6	28
7	Iron(III) benzhydroxamates of dipicolylamines for photocytotoxicity in red light and cellular imaging. <i>Polyhedron</i> , 2014, 73, 124-132.	1.0	24
8	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
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	Bacterial siderophore mimicking iron complexes as DNA targeting antimicrobials. <i>RSC Advances</i> , 2016, 6, 39245-39260.	1.7	19
11	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
12	Iron(III) salicylates of dipicolylamine bases showing photo-induced anticancer activity and cytosolic localization. <i>Polyhedron</i> , 2015, 102, 668-676.	1.0	15
13	Iron(III) Complexes of Vitamin B <sub>6</sub> Schiff Base with Boron $\alpha$ -Dipyrromethene Pendants for Lysosome $\beta$ -Selective Photocytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1522-1532.	1.0	15
14	Cellular imaging and mitochondria targeted photo-cytotoxicity in visible light by singlet oxygen using a BODIPY-appended oxovanadium( $\beta$ ) DNA crosslinking agent. <i>MedChemComm</i> , 2016, 7, 1398-1404.	3.5	13
15	Synthesis, Theory and In Vitro Photodynamic Activities of New Copper(II) $\alpha$ -Histidinato Complexes. <i>ChemistrySelect</i> , 2018, 3, 2767-2775.	0.7	13
16	Mitochondria $\beta$ -Targeted Anticancer Activity of BODIPY $\alpha$ -Appended Iron(III) Catecholates in Red Light. <i>ChemistrySelect</i> , 2017, 2, 11686-11692.	0.7	12
17	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
18	Supramolecular Cylinders Target Bulge Structures in the 5' UTR of the RNA Genome of SARS $\alpha$ -CoV $\beta$ 2 and Inhibit Viral Replication**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18144-18151.	7.2	12

#	ARTICLE	IF	CITATIONS
19	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
20	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB) Tj ETQq 0 0 rgBT (Overlock 1	1.5	11
21	Crystal structure, DNA crosslinking and photo-induced cytotoxicity of oxovanadium(IV) conjugates of boron-dipyrromethene. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110817.	1.5	10
22	Polypyridyl iron(II) complexes showing remarkable photocytotoxicity in visible light. <i>Journal of Chemical Sciences</i> , 2015, 127, 609-618.	0.7	9
23	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
24	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
25	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
26	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
27	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB) Tj ETQq 1 1 0.7843 1 4 rgBT	1.5	0