

Samya Banerjee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

1,841
citations

24
h-index

40
g-index

84
ext. papers

2,307
ext. citations

5.5
avg, IF

5.33
L-index

#	Paper	IF	Citations
70	Highly Efficient Ir(III)-Coumarin Photo-Redox Catalyst for Synergetic Multi-Mode Cancer Photo-Therapy. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	2
69	In-vitro and In-vivo Photocatalytic Cancer Therapy with Biocompatible Iridium(III) Photocatalysts. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9474-9479	16.4	23
68	In-vitro and In-vivo Photocatalytic Cancer Therapy with Biocompatible Iridium(III) Photocatalysts. <i>Angewandte Chemie</i> , 2021 , 133, 9560-9565	3.6	8
67	Polypyridyl Ruthenium(II) Complexes with Red-Shifted Absorption: New Promises in Photodynamic Therapy. <i>ChemBioChem</i> , 2021 , 22, 2407-2409	3.8	2
66	Preparation and Reactivity Studies of Four and Five coordinated Amidinate Aluminum Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1735-1743	1.3	4
65	Metal-Based Catalytic Drug Development for Next-Generation Cancer Therapy. <i>ChemMedChem</i> , 2021 , 16, 2480-2486	3.7	3
64	Transfer hydrogenation catalysis in cells. <i>RSC Chemical Biology</i> , 2021 , 2, 12-29	3	13
63	Vibrational Motions Make Significant Contributions to Sequential Methyl C-H Activations in an Organometallic Complex. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 658-662	6.4	0
62	Sonodynamic Therapy with Metal Complexes: A New Promise in Cancer Therapy. <i>ChemMedChem</i> , 2021 ,	3.7	1
61	Ligand-centred redox activation of inert organoiridium anticancer catalysts. <i>Chemical Science</i> , 2020 , 11, 5466-5480	9.4	14
60	LMCT transition-based red-light photochemotherapy using a tumour-selective ferrocenyl iron(iii) coumarin conjugate. <i>Chemical Communications</i> , 2020 , 56, 7981-7984	5.8	8
59	Recent advances in endoplasmic reticulum targeting metal complexes. <i>Coordination Chemistry Reviews</i> , 2020 , 408, 213178	23.2	26
58	Label-Free Nanoimaging of Neuromelanin in the Brain by Soft X-ray Spectromicroscopy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11984-11991	16.4	5
57	Label-Free Nanoimaging of Neuromelanin in the Brain by Soft X-ray Spectromicroscopy. <i>Angewandte Chemie</i> , 2020 , 132, 12082-12089	3.6	
56	Strategies for conjugating iridium(III) anticancer complexes to targeting peptides via copper-free click chemistry. <i>Inorganica Chimica Acta</i> , 2020 , 503, 119396	2.7	7
55	Ligand-Controlled Reactivity and Cytotoxicity of Cyclometalated Rhodium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1052-1060	2.3	15
54	Amidinate based indium(III) monohalides and Ediketimate stabilized In(II)-In(II) bond: synthesis, crystal structure, and computational study. <i>Dalton Transactions</i> , 2020 , 49, 14231-14236	4.3	4

53	Cyclic (Alkyl)(Amino)Carbene-Stabilized Aluminum and Gallium Radicals Based on Amidinate Scaffolds. <i>Inorganic Chemistry</i> , 2020 , 59, 11253-11258	5.1	9
52	A Neutral Three-Membered 2-Aromatic Disilaborirane and the Unique Conversion into a Four-Membered BSi ₂ N-Ring. <i>Angewandte Chemie</i> , 2020 , 132, 23215-23219	3.6	1
51	A Neutral Three-Membered 2-Aromatic Disilaborirane and the Unique Conversion into a Four-Membered BSi N-Ring. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23015-23019	16.4	6
50	Crystal structure, DNA crosslinking and photo-induced cytotoxicity of oxovanadium(IV) conjugates of boron-dipyrromethene. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110817	4.2	7
49	Dual-action platinum(II) Schiff base complexes: Photocytotoxicity and cellular imaging. <i>Polyhedron</i> , 2019 , 172, 157-166	2.7	9
48	Generation of maghemite nanocrystals from iron-sulfur centres. <i>Dalton Transactions</i> , 2019 , 48, 9564-9569	4.3	1
47	In-Situ Oxygen-Evolving Photoactive Nanococktail: The Future of Hypoxic Tumour Photodynamic Therapy. <i>ChemBioChem</i> , 2019 , 20, 2322-2323	3.8	3
46	Targeted photoredox catalysis in cancer cells. <i>Nature Chemistry</i> , 2019 , 11, 1041-1048	17.6	134
45	ROS dependent antitumour activity of photo-activated iron(III) complexes of amino acids. <i>Journal of Chemical Sciences</i> , 2019 , 131, 1	1.8	5
44	Nucleus-Targeted Organoiridium-Albumin Conjugate for Photodynamic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2350-2354	16.4	91
43	New activation mechanism for half-sandwich organometallic anticancer complexes. <i>Chemical Science</i> , 2018 , 9, 3177-3185	9.4	18
42	Ferrocene conjugated copper(II) complexes of terpyridine and traditional Chinese medicine (TCM) anticancer ligands showing selective toxicity towards cancer cells. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4287	3.1	16
41	Synthesis, Theory and In Vitro Photodynamic Activities of New Copper(II)-Histidinato Complexes. <i>ChemistrySelect</i> , 2018 , 3, 2767-2775	1.8	9
40	Recent Advances in the Design of Targeted Iridium(III) Photosensitizers for Photodynamic Therapy. <i>ChemBioChem</i> , 2018 , 19, 1574-1589	3.8	85
39	Cholesterol: A Key in the Pathogenesis of Alzheimer's Disease. <i>ChemMedChem</i> , 2018 , 13, 1742-1743	3.7	7
38	Rotational Effects within Nucleosome Core Particles on Abasic Site Reactivity. <i>Biochemistry</i> , 2018 , 57, 3945-3952	3.2	13
37	Nucleus-Targeted Organoiridium-Albumin Conjugate for Photodynamic Cancer Therapy. <i>Angewandte Chemie</i> , 2018 , 131, 2372	3.6	1
36	Endoplasmic Reticulum: Target for Next-Generation Cancer Therapy. <i>ChemBioChem</i> , 2018 , 19, 2341-2343	3.8	11

35	Synergistic Effects of an Irreversible DNA Polymerase Inhibitor and DNA Damaging Agents on HeLa Cells. <i>ACS Chemical Biology</i> , 2017 , 12, 1576-1583	4.9	9
34	Terpyridyl oxovanadium(IV) complexes for DNA crosslinking and mito-targeted photocytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 45-54	4.2	9
33	Probing Enhanced Double-Strand Break Formation at Abasic Sites within Clustered Lesions in Nucleosome Core Particles. <i>Biochemistry</i> , 2017 , 56, 14-21	3.2	7
32	Novel mitochondria targeted copper(ii) complexes of ferrocenyl terpyridine and anticancer active 8-hydroxyquinolines showing remarkable cytotoxicity, DNA and protein binding affinity. <i>Dalton Transactions</i> , 2017 , 46, 396-409	4.3	71
31	Curcumin "Drug" Stabilized in Oxidovanadium(IV)-BODIPY Conjugates for Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017 , 56, 12457-12468	5.1	41
30	Potent anticancer activity of photo-activated oxo-bridged diiron(III) complexes. <i>European Journal of Medicinal Chemistry</i> , 2017 , 125, 816-824	6.8	17
29	Visible light-induced cytotoxicity of a dinuclear iron(III) complex of curcumin with low-micromolar IC50 value in cancer cells. <i>Inorganica Chimica Acta</i> , 2016 , 439, 8-17	2.7	31
28	BODIPY appended copper(II) complexes for cellular imaging and singlet oxygen mediated anticancer activity in visible light. <i>RSC Advances</i> , 2016 , 6, 104474-104482	3.7	28
27	Photorelease and Cellular Delivery of Mitocurcumin from Its Cytotoxic Cobalt(III) Complex in Visible Light. <i>Inorganic Chemistry</i> , 2016 , 55, 6027-35	5.1	38
26	Photocytotoxic ternary copper(II) complexes of histamine Schiff base and pyridyl ligands. <i>Journal of Chemical Sciences</i> , 2016 , 128, 165-175	1.8	13
25	Mitochondrial selectivity and remarkable photocytotoxicity of a ferrocenyl neodymium(III) complex of terpyridine and curcumin in cancer cells. <i>Dalton Transactions</i> , 2016 , 45, 6424-38	4.3	32
24	Endoplasmic reticulum targeting tumour selective photocytotoxic oxovanadium(IV) complexes having vitamin-B6 and acridinyl moieties. <i>Dalton Transactions</i> , 2016 , 45, 783-96	4.3	24
23	Targeted photocytotoxicity by copper(II) complexes having vitamin B6 and photoactive acridine moieties. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 497-509	6.8	18
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	5	11
21	Metal complexes of curcumin for cellular imaging, targeting, and photoinduced anticancer activity. <i>Accounts of Chemical Research</i> , 2015 , 48, 2075-83	24.3	174
20	A rhodamine-based Turn-onTAI ⁺ ion-selective reporter and the resultant complex as a secondary sensor for F ²⁺ ion are applicable to living cell staining. <i>Dalton Transactions</i> , 2015 , 44, 8708-17	4.3	63
19	Significant photocytotoxic effect of an iron(III) complex of a Schiff base ligand derived from vitamin B6 and thiosemicarbazide in visible light. <i>RSC Advances</i> , 2015 , 5, 29276-29284	3.7	32
18	Remarkable Selectivity and Photo-Cytotoxicity of an Oxidovanadium(IV) Complex of Curcumin in Visible Light. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 447-457	2.3	23

17	A bio-attuned ratiometric hydrogen sulfate ion selective receptor in aqueous solvent: structural proof of the H-bonded adduct. <i>RSC Advances</i> , 2015 , 5, 4468-4474	3-7	7
16	Effect of metal oxidation state on FRET: a Cu(I) silent but selectively Cu(II) responsive fluorescent reporter and its bioimaging applications. <i>Dalton Transactions</i> , 2015 , 44, 1761-8	4-3	42
15	Al ³⁺ -Ion-Triggered Conformational Isomerization of a Rhodamine B Derivative Evidenced by a Fluorescence Signal [A Crystallographic Proof]. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1383-1389	2-3	6
14	Photoinduced DNA Crosslink Formation by Dichloridooxidovanadium(IV) Complexes of Polypyridyl Bases. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3986-3990	2-3	9
13	Photocytotoxic luminescent lanthanide complexes of DTPABisamide using quinoline as photosensitizer. <i>RSC Advances</i> , 2015 , 5, 107503-107513	3-7	20
12	Remarkable enhancement in photocytotoxicity and hydrolytic stability of curcumin on binding to an oxovanadium(IV) moiety. <i>Dalton Transactions</i> , 2015 , 44, 4108-22	4-3	52
11	BODIPY appended copper(II) complexes of curcumin showing mitochondria targeted remarkable photocytotoxicity in visible light. <i>MedChemComm</i> , 2015 , 6, 846-851	5	48
10	Remarkable visible light-triggered cytotoxicity of mitochondria targeting mixed-ligand cobalt(III) complexes of curcumin and phenanthroline bases binding to human serum albumin. <i>RSC Advances</i> , 2015 , 5, 16641-16653	3-7	25
9	Mitochondria targeting Photocytotoxic Oxidovanadium(IV) Complexes of Curcumin and (Acridinyl)dipyridophenazine in Visible Light. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1195-1204	1-3	32
8	A quinazoline derivative as quick-response red-shifted reporter for nanomolar Al ³⁺ and applicable to living cell staining. <i>RSC Advances</i> , 2014 , 4, 64014-64020	3-7	12
7	Endoplasmic reticulum targeted chemotherapeutics: the remarkable photo-cytotoxicity of an oxovanadium(IV) vitamin-B6 complex in visible light. <i>Chemical Communications</i> , 2014 , 50, 5590-2	5-8	59
6	Selective and sensitive turn-on chemosensor for arsenite ion at the ppb level in aqueous media applicable in cell staining. <i>Analytical Chemistry</i> , 2014 , 86, 11357-61	7-8	40
5	A naphthelene-pyrazol conjugate: Al(III) ion-selective blue shifting chemosensor applicable as biomarker in aqueous solution. <i>Analyst, The</i> , 2014 , 139, 4828-35	5	40
4	Substituent effect on fluorescence signaling of the cell permeable HSO ₄ ⁻ receptors through single point to ratiometric response in green solvent. <i>RSC Advances</i> , 2014 , 4, 27665-27673	3-7	17
3	Enhancing the photocytotoxic potential of curcumin on terpyridyl lanthanide(III) complex formation. <i>Dalton Transactions</i> , 2013 , 42, 182-95	4-3	68
2	Remarkable photocytotoxicity of curcumin in HeLa cells in visible light and arresting its degradation on oxovanadium(IV) complex formation. <i>Chemical Communications</i> , 2012 , 48, 7702-4	5-8	111
1	Photocytotoxic Oxidovanadium(IV) Complexes of Polypyridyl Ligands Showing DNA-Cleavage Activity in Near-IR Light. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3899-3908	2-3	38