

Ritankar Majumdar

List of Publications by Year in descending order

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35
papers

1,481
citations

304368

22
h-index

360668

35
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36
all docs

36
docs citations

36
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes Mediate LTB4 Release during Neutrophil Chemotaxis. <i>PLoS Biology</i> , 2016, 14, e1002336.	2.6	136
2	An Iron Complex of Dipyridophenazine as a Potent Photocytotoxic Agent in Visible Light. <i>Inorganic Chemistry</i> , 2009, 48, 2652-2663.	1.9	123
3	Ferrocene-Promoted Photoactivated DNA Cleavage and Anticancer Activity of Terpyridyl Copper(II) Phenanthroline Complexes. <i>Organometallics</i> , 2010, 29, 3632-3641.	1.1	106
4	New paradigms in the establishment and maintenance of gradients during directed cell migration. <i>Current Opinion in Cell Biology</i> , 2014, 30, 33-40.	2.6	82
5	Photocytotoxic Oxovanadium(IV) Complexes Showing Light-Induced DNA and Protein Cleavage Activity. <i>Inorganic Chemistry</i> , 2010, 49, 849-859.	1.9	71
6	Photocytotoxic Lanthanum(III) and Gadolinium(III) Complexes of Phenanthroline Bases Showing Light-Induced DNA Cleavage Activity. <i>Inorganic Chemistry</i> , 2010, 49, 4036-4045.	1.9	67
7	Oxovanadium(iv)-based near-IR PDT agents: design to biological evaluation. <i>Chemical Communications</i> , 2009, , 1703.	2.2	62
8	Photocytotoxicity and DNA cleavage activity of l-arg and l-lys Schiff base oxovanadium(iv) complexes having phenanthroline bases. <i>Dalton Transactions</i> , 2010, 39, 7104.	1.6	61
9	Structure-Activity Relationship of Photocytotoxic Iron(III) Complexes of Modified Dipyridophenazine Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 2975-2987.	1.9	61
10	The role of the LTB 4 -BLT1 axis in chemotactic gradient sensing and directed leukocyte migration. <i>Seminars in Immunology</i> , 2017, 33, 16-29.	2.7	58
11	Photocytotoxic 3d-Metal Scorpionates with a 1,8-Naphthalimide Chromophore Showing Photoinduced DNA and Protein Cleavage Activity. <i>Inorganic Chemistry</i> , 2009, 48, 9501-9509.	1.9	55
12	Extracellular vesicles direct migration by synthesizing and releasing chemotactic signals. <i>Journal of Cell Biology</i> , 2018, 217, 2891-2910.	2.3	54
13	Oxovanadium(iv) complexes of phenanthroline bases: the dipyridophenazine complex as a near-IR photocytotoxic agent. <i>Dalton Transactions</i> , 2010, 39, 2147.	1.6	50
14	DNA photocleavage and anticancer activity of terpyridine copper(II) complexes having phenanthroline bases. <i>Polyhedron</i> , 2010, 29, 2787-2794.	1.0	49
15	Cobalt(ii) complexes of terpyridine bases as photochemotherapeutic agents showing cellular uptake and photocytotoxicity in visible light. <i>Dalton Transactions</i> , 2011, 40, 1233-1242.	1.6	48
16	Anaerobic DNA cleavage activity in red light and photocytotoxicity of (pyridine-2-thiol)cobalt(iii) complexes of phenanthroline bases. <i>Dalton Transactions</i> , 2010, 39, 1807.	1.6	42
17	Photocytotoxicity and near-IR light DNA cleavage activity of oxovanadium(IV) Schiff base complexes having phenanthroline bases. <i>Inorganica Chimica Acta</i> , 2010, 363, 2743-2751.	1.2	41
18	Photo-activated cytotoxicity of a pyrenyl-terpyridine copper(II) complex in HeLa cells. <i>Polyhedron</i> , 2010, 29, 3251-3256.	1.0	35

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19	Remarkable photocytotoxicity in hypoxic HeLa cells by a dipyrrophenazine copper(II) Schiff base thiolate. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1086-1094.	1.5	34
20	Terpyridine Oxovanadium(IV) Complexes of Phenanthroline Bases for Cellular Imaging and Photocytotoxicity in HeLa Cells. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1425-1435.	1.0	31
21	Biotin-conjugated tumour-targeting photocytotoxic iron(III) complexes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120190.	1.6	29
22	Ferrocene-Conjugated Oxidovanadium(IV) Complexes as Potent Near-IR Light Photocytotoxic Agents. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 126-135.	1.0	24
23	A role for keratins in supporting mitochondrial organization and function in skin keratinocytes. <i>Molecular Biology of the Cell</i> , 2020, 31, 1103-1111.	0.9	22
24	Exosomes mediate LTB4 release during neutrophil chemotaxis. <i>PLoS Biology</i> , 2021, 19, e3001271.	2.6	21
25	Modeling neutrophil migration in dynamic chemoattractant gradients: assessing the role of exosomes during signal relay. <i>Molecular Biology of the Cell</i> , 2017, 28, 3457-3470.	0.9	18
26	Enhanced photodynamic effect of cobalt(III) dipyrrophenazine complex on thyrotropin receptor expressing HEK293 cells. <i>Metallomics</i> , 2010, 2, 754.	1.0	16
27	Cell Migration: Sinking in a Gradient. <i>Current Biology</i> , 2014, 24, R23-R25.	1.8	16
28	Non-canonical processes that shape the cell migration landscape. <i>Current Opinion in Cell Biology</i> , 2019, 57, 123-134.	2.6	12
29	Genetic manipulation of PLB-985 cells and quantification of chemotaxis using the underagarose assay. <i>Methods in Cell Biology</i> , 2019, 149, 31-56.	0.5	11
30	Insights into differential modulation of receptor function by hinge region using novel agonistic lutropin receptor and inverse agonistic thyrotropin receptor antibodies. <i>FEBS Letters</i> , 2012, 586, 810-817.	1.3	10
31	Anaerobic DNA cleavage in red light by dicopper(II) complexes on disulphide bond activation. <i>Journal of Chemical Sciences</i> , 2010, 122, 321-333.	0.7	9
32	The Hinge Region of Human Thyroid-Stimulating Hormone (TSH) Receptor Operates as a Tunable Switch between Hormone Binding and Receptor Activation. <i>PLoS ONE</i> , 2012, 7, e40291.	1.1	9
33	Docking and free energy simulations to predict conformational domains involved in hCG-LH receptor interactions using recombinant antibodies. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 3108-3122.	1.5	7
34	The Antibodies against the Computationally Designed Mimic of the Glycoprotein Hormone Receptor Transmembrane Domain Provide Insights into Receptor Activation and Suppress the Constitutively Activated Receptor Mutants*. <i>Journal of Biological Chemistry</i> , 2012, 287, 34514-34532.	1.6	6
35	Repeated Dose Toxicity Study and Developmental and Reproductive Toxicology Studies of a Respiratory Syncytial Virus Candidate Vaccine in Rabbits and Rats. <i>International Journal of Toxicology</i> , 2021, 40, 125-142.	0.6	5