

Mithun Roy

List of Publications by Year in descending order

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38
papers

1,304
citations

331259

21
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344852

36
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docs citations

43
times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	La(ⁱⁱⁱ)-curcumin-functionalized gold nanocomposite as a red light-activatable mitochondria-targeting PDT agent. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 686-701.	3.0	8
2	Transition metal complexes as potential tools against SARS-CoV-2: an <i>in silico</i> approach. <i>New Journal of Chemistry</i> , 2021, 45, 1924-1933.	1.4	32
3	A red light-activatable Mn(I)(CO) ₃ -functionalized gold nanocomposite as the anticancer prodrug with theranostic potential. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6110.	1.7	10
4	A noncovalent hybrid of [Pd(phen)(OAc) ₂] and st-DNA for the enantioselective hydroamination of β -nitrostyrene with methoxyamine. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5072-5076.	1.5	4
5	Iron(III) Complex-Functionalized Gold Nanocomposite as a Strategic Tool for Targeted Photochemotherapy in Red Light. <i>Inorganic Chemistry</i> , 2021, 60, 6283-6297.	1.9	6
6	Photochemical and photocytotoxic evaluation of new Oxovanadium (IV) complexes in photodynamic application. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	0.7	8
7	Computational Studies of Selected Transition Metal Complexes as Potential Drug Candidates against the SARS-CoV-2 Virus. <i>ChemistrySelect</i> , 2021, 6, 7429-7435.	0.7	12
8	Nucleus targeting anthraquinone-based copper (II) complexes as the potent PDT agents: Synthesis, photo-physical and theoretical evaluation. <i>Inorganica Chimica Acta</i> , 2020, 500, 119208.	1.2	16
9	Photodynamic Applications of New Imidazo[4,5-f][1,10]phenanthroline Oxidovanadium(IV) Complexes: Synthesis, Photochemical, and Cytotoxic Evaluation. <i>ChemistrySelect</i> , 2020, 5, 13824-13830.	0.7	7
10	Potent Photochemotherapeutic Activity of Iron(III) Complexes on Visible Light-induced Ligand to Metal Charge Transfer. <i>Chemistry Letters</i> , 2020, 49, 724-727.	0.7	4
11	Photo-physical, theoretical and photo-cytotoxic evaluation of a new class of lanthanide(ⁱⁱⁱ)-curcumin/diketone complexes for PDT application. <i>Dalton Transactions</i> , 2020, 49, 10786-10798.	1.6	23
12	A New Thiophene-based Aggregation-induced Emission Chemosensor for Selective Detection of Zn ²⁺ Ions and Its Turn Off. <i>Chemistry Letters</i> , 2020, 49, 473-476.	0.7	10
13	A reversible, benzothiazole-based "Turn-on" fluorescence sensor for selective detection of Zn ²⁺ ions <i>in vitro</i> . <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	4
14	Recent advances in the chemistry of iron-based chemotherapeutic agents. <i>Coordination Chemistry Reviews</i> , 2020, 417, 213339.	9.5	61
15	New Selenonaphthaquinone-Based Copper (II) Complexes as the Next-Generation Photochemotherapeutic Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 21, 33-41.	0.9	3
16	Mn(I)-based photoCORMs for trackable, visible light-induced CO release and photocytotoxicity to cancer cells. <i>Polyhedron</i> , 2019, 172, 125-131.	1.0	23
17	ROS dependent antitumour activity of photo-activated iron(III) complexes of amino acids. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	7
18	Modulating <i>In Vitro</i> Photodynamic Activities of Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2011-2018.	1.0	22

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19	Synthesis, Theory and In Vitro Photodynamic Activities of New Copper(II)-Histidinato Complexes. <i>ChemistrySelect</i> , 2018, 3, 2767-2775.	0.7	13
20	Pyridinium Boranephosphonate Modified DNA Oligonucleotides. <i>Journal of Organic Chemistry</i> , 2017, 82, 1420-1427.	1.7	8
21	Potent anticancer activity of photo-activated oxo-bridged diiron(III) complexes. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 816-824.	2.6	24
22	Ferrocene-Conjugated Copper(II) Complexes of L-Methionine and Phenanthroline Bases: Synthesis, Structure, and Photocytotoxic Activity. <i>Organometallics</i> , 2012, 31, 3010-3021.	1.1	65
23	Structure-Activity Relationship of Photocytotoxic Iron(III) Complexes of Modified Dipyridophenazine Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 2975-2987.	1.9	61
24	Ferrocene-Conjugated L-Tryptophan Copper(II) Complexes of Phenanthroline Bases Showing DNA Photocleavage Activity and Cytotoxicity. <i>Inorganic Chemistry</i> , 2011, 50, 8452-8464.	1.9	127
25	Impact of metal binding on the antitumor activity and cellular imaging of a metal chelator cationic imidazopyridine derivative. <i>Dalton Transactions</i> , 2011, 40, 4855-4864.	1.6	35
26	Dicopper(II) complexes showing DNA hydrolase activity and monomeric adduct formation with bis(4-nitrophenyl)phosphate. <i>Inorganica Chimica Acta</i> , 2011, 375, 173-180.	1.2	14
27	DNA Photocleavage and Cytotoxic Properties of Ferrocene Conjugates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1379-1386.	1.0	21
28	Ferrocene-Promoted Photoactivated DNA Cleavage and Anticancer Activity of Terpyridyl Copper(II) Phenanthroline Complexes. <i>Organometallics</i> , 2010, 29, 3632-3641.	1.1	106
29	New ternary copper(II) complexes of L-alanine and heterocyclic bases: DNA binding and oxidative DNA cleavage activity. <i>Inorganica Chimica Acta</i> , 2009, 362, 4692-4698.	1.2	34
30	Photoinduced DNA and Protein Cleavage Activity of Ferrocene-Appended L-Methionine Reduced Schiff Base Copper(II) Complexes of Phenanthroline Bases. <i>Organometallics</i> , 2009, 28, 1992-1994.	1.1	49
31	An Iron Complex of Dipyridophenazine as a Potent Photocytotoxic Agent in Visible Light. <i>Inorganic Chemistry</i> , 2009, 48, 2652-2663.	1.9	123
32	DNA binding and oxidative DNA cleavage activity of (1/4-oxo)diiron(III) complexes in visible light. <i>Dalton Transactions</i> , 2009, , 1024-1033.	1.6	36
33	Photoinduced DNA and Protein Cleavage Activity of Ferrocene-Conjugated Ternary Copper(II) Complexes. <i>Organometallics</i> , 2009, 28, 1495-1505.	1.1	72
34	Photo-induced double-strand DNA and site-specific protein cleavage activity of L-histidine (1/4-oxo)diiron(III) complexes of heterocyclic bases. <i>Dalton Transactions</i> , 2009, , 4671.	1.6	52
35	Ferrocene-conjugated copper(II) dipyridophenazine complex as a multifunctional model nuclease showing DNA cleavage in red light. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1395-1399.	0.8	46
36	Double-strand DNA cleavage from photodecarboxylation of (1/4-oxo)diiron(III) L-histidine complex in visible light. <i>Dalton Transactions</i> , 2008, , 3542.	1.6	20

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37	Ternary Iron(III) Complex Showing Photocleavage of DNA in the Photodynamic Therapy Window. <i>Inorganic Chemistry</i> , 2007, 46, 4368-4370.	1.9	64
38	New Insights into the Visible-Light-Induced DNA Cleavage Activity of Dipyridoquinoxaline Complexes of Bivalent 3d-Metal Ions. <i>Inorganic Chemistry</i> , 2007, 46, 11122-11132.	1.9	66