

Anupa A Kumbhar

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Fe(III), Co(II), Ni(II), Cu(II) and Zn(II) complexes of fluorophore-anchored asymmetric thiocarbohydrazone: Synthesis, characterization and biological studies. <i>Inorganica Chimica Acta</i> , 2022, 536, 120887.	2.4	4
2	Enhancement of Anticancer Activity of N(4)1-(2-Pyridyl)piperazinyl 5-Nitroisatin Thiosemicarbazone on Chelation with Copper(II). <i>Asian Journal of Chemistry</i> , 2021, 33, 557-564.	0.3	5
3	Rhodamine-Based Fluorescence Turn-On™ Chemosensor: Detection of Fe ³⁺ Ion in Aqueous Medium and MCF7 Live Cells. <i>ChemistrySelect</i> , 2021, 6, 2373-2378.	1.5	5
4	Anticancer Potential of Coumarin and its Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 2996-3029.	2.4	63
5	Fluorescent Copper(II) Complexes of Asymmetric Bis(Thiosemicarbazone)s: Electrochemistry, Cellular Uptake and Antiproliferative Activity. <i>ChemistrySelect</i> , 2021, 6, 6063-6070.	1.5	0
6	Synthesis, structural characterization, protein binding, DNA cleavage and anticancer activity of fluorophore labelled copper(II) complexes based on 1,8-naphthalimide conjugates. <i>New Journal of Chemistry</i> , 2021, 45, 16319-16332.	2.8	9
7	Cu(II) complexes of 2-indole thiocarbohydrazones: synthesis, characterization and DNA cleavage studies. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	1.5	2
8	Anticancer potency of copper(II) complexes of thiosemicarbazones. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111134.	3.5	66
9	Distinct photophysical behaviour and transport of cell-impermeable [Ru(bpy) ₂ dppz] ²⁺ in live cells using cucurbit[7]uril as a delivery system. <i>Dalton Transactions</i> , 2018, 47, 3857-3863.	3.3	6
10	Anthracene-based fluorescence turn-on chemodosimeter for the recognition of persulfate anion. <i>New Journal of Chemistry</i> , 2018, 42, 3917-3923.	2.8	14
11	Thiosemicarbazone Moiety Assist in Interaction of Planar Aromatic Molecules with Amyloid Beta Peptide and Acetylcholinesterase. <i>ChemistrySelect</i> , 2017, 2, 3911-3916.	1.5	7
12	Aryl-1H-imidazole[4,5-f][1,10]phenanthroline Cu(II) complexes: Electrochemical and DNA interaction studies. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 129-137.	3.5	12
13	Antiproliferative activity of ruthenium(II) arene complexes with mono- and bidentate pyridine-based ligands. <i>Dalton Transactions</i> , 2016, 45, 13114-13125.	3.3	34
14	Antiproliferative activity of bicyclic benzimidazole nucleosides: synthesis, DNA-binding and cell cycle analysis. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4136-4145.	2.8	13
15	Fluorescent zinc(II) complexes for gene delivery and simultaneous monitoring of protein expression. <i>Dalton Transactions</i> , 2016, 45, 16984-16996.	3.3	1
16	Synthesis and biological evaluation of copper(II) pyrenethiosemicarbazone. <i>RSC Advances</i> , 2015, 5, 47476-47487.	3.6	19
17	Synthesis, DNA interaction and anticancer activity of 2-anthryl substituted benzimidazole derivatives. <i>New Journal of Chemistry</i> , 2015, 39, 4882-4890.	2.8	31
18	Monitoring Cellular Uptake and Cytotoxicity of Copper(II) Complex Using a Fluorescent Anthracene Thiosemicarbazone Ligand. <i>Bioconjugate Chemistry</i> , 2014, 25, 102-114.	3.6	50

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19	Interaction of a Hydrated Electron with Anthracenethiosemicarbazone: A Pulse Radiolysis Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 5447-5453.	2.5	2
20	Efficient DNA Condensation Induced by Ruthenium(II) Complexes of a Bipyridine-Functionalized Molecular Clip Ligand. <i>Chemistry - A European Journal</i> , 2012, 18, 16383-16392.	3.3	40
21	Ruthenium(ii) polypyridyl complexes as carriers for DNA delivery. <i>Chemical Communications</i> , 2011, 47, 11068.	4.1	34
22	Synthesis, Electronic Structure, DNA and Protein Binding, DNA Cleavage, and Anticancer Activity of Fluorophore-Labeled Copper(II) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 545-558.	4.0	249
23	An Unexpected Metal-Promoted Transformation Yields An Anthrylmethyl Spiroanthracene. <i>Journal of Organic Chemistry</i> , 2008, 73, 3559-3561.	3.2	0
24	DNA-binding studies of mixed ligand cobalt(III) complexes. <i>Transition Metal Chemistry</i> , 2005, 30, 312-316.	1.4	18
25	Synthesis, Characterization and DNA Cleavage Activity of the Coordination Polymer $\{[Cu(phen)(azpy)(NO_3)(H_2O)] \cdot (NO_3)\}_n$. <i>Journal of Chemical Crystallography</i> , 0, , 1.	1.1	0
26	Synthesis, Characterization and Single Crystal X-Ray Structures of Trifluoroacetylacetonate Copper(II) Complexes. <i>Journal of Chemical Crystallography</i> , 0, , .	1.1	0