

Loganathan Rangasamy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,059
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1676
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed Ligand Copper(II) Complexes of <i>N,N</i> -Bis(benzimidazol-2-ylmethyl)amine (BBA) with Diimine Co-Ligands: Efficient Chemical Nuclease and Protease Activities and Cytotoxicity. <i>Inorganic Chemistry</i> , 2012, 51, 5512-5532.	4.0	198
2	New ruthenium(II) arene complexes of anthracenyl-appended diazacycloalkanes: effect of ligand intercalation and hydrophobicity on DNA and protein binding and cleavage and cytotoxicity. <i>Dalton Transactions</i> , 2014, 43, 1203-1219.	3.3	174
3	Interaction of mixed ligand copper(II) complexes with CT DNA and BSA: Effect of primary ligand hydrophobicity on DNA and protein binding and cleavage and anticancer activities. <i>Polyhedron</i> , 2013, 52, 924-938.	2.2	98
4	Copper(II) complexes with 2NO and 3N donor ligands: synthesis, structures and chemical nuclease and anticancer activities. <i>Dalton Transactions</i> , 2013, 42, 8347.	3.3	94
5	Mixed ligand 1/4-phenoxo-bridged dinuclear copper(II) complexes with diimine co-ligands: efficient chemical nuclease and protease activities and cytotoxicity. <i>Dalton Transactions</i> , 2014, 43, 6177.	3.3	89
6	FolamiRs: Ligand-targeted, vehicle-free delivery of microRNAs for the treatment of cancer. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	73
7	DNA and protein binding, double-strand DNA cleavage and cytotoxicity of mixed ligand copper(II) complexes of the antibacterial drug nalidixic acid. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 1-13.	3.5	69
8	Mixed ligand copper(II) dicarboxylate complexes: the role of co-ligand hydrophobicity in DNA binding, double-strand DNA cleavage, protein binding and cytotoxicity. <i>Dalton Transactions</i> , 2015, 44, 10210-10227.	3.3	55
9	Synthesis, characterization and biological evaluation of novel Ru(II) arene complexes containing intercalating ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 156-165.	3.5	39
10	Water soluble Ru(II) arene complexes of the antidiabetic drug metformin: DNA and protein binding, molecular docking, cytotoxicity and apoptosis-inducing activity. <i>RSC Advances</i> , 2017, 7, 37706-37719.	3.6	37
11	Molecular Imaging Probes Based on Matrix Metalloproteinase Inhibitors (MMPIs). <i>Molecules</i> , 2019, 24, 2982.	3.8	34
12	Enhancing MicroRNA Activity through Increased Endosomal Release Mediated by Nigericin. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 505-518.	5.1	23
13	New Mechanism for Release of Endosomal Contents: Osmotic Lysis via Nigericin-Mediated K^+/H^+ Exchange. <i>Bioconjugate Chemistry</i> , 2018, 29, 1047-1059.	3.6	20
14	Can 3D-Printed Bioactive Glasses Be the Future of Bone Tissue Engineering?. <i>Polymers</i> , 2022, 14, 1627.	4.5	20
15	Organometallic Derivatization of the Nematocidal Drug Monepantel Leads to Promising Antiparasitic Drug Candidates. <i>Chemistry - A European Journal</i> , 2016, 22, 16602-16612.	3.3	19
16	New Dual CK2/HDAC1 Inhibitors with Nanomolar Inhibitory Activity against Both Enzymes. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 713-719.	2.8	11
17	Interaction of copper(II) complexes with bis(p-nitrophenyl)phosphate: Structural and spectral studies. <i>Inorganica Chimica Acta</i> , 2011, 372, 237-242.	2.4	4
18	Synthesis and Biological Evaluation of Metallocene-Tethered Peptidyl Inhibitors of CDC25. <i>Organometallics</i> , 2021, 40, 2716-2723.	2.3	1

#	ARTICLE	IF	CITATIONS
19	Novel Coordination Complexes of a Few Essential Trace Metals: Cytotoxic Properties and Lead Identification for Drug Development for Cancer. , 2014, , 133-143.		0