

Balaji Babu

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

43
papers

297
citations

11
h-index

15
g-index

44
ext. papers

399
ext. citations

3
avg, IF

3.61
L-index

#	Paper	IF	Citations
43	Sn(IV) porphyrin-biotin decorated nitrogen doped graphene quantum dots nanohybrids for photodynamic therapy. <i>Polyhedron</i> , 2022 , 213, 115624	2.7	3
42	A Sn(IV) porphyrin with mitochondria targeting properties for enhanced photodynamic activity against MCF-7 cells. <i>New Journal of Chemistry</i> , 2022 , 46, 5288-5295	3.6	1
41	Novel cationic-chalcone phthalocyanines for photodynamic therapy eradication of <i>S. aureus</i> and <i>E. coli</i> bacterial biofilms and MCF-7 breast cancer.. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022 , 102863	3.5	1
40	Photodynamic activity and photoantimicrobial chemotherapy studies of ferrocene-substituted 2-thiobarbituric acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 40, 127922	2.9	0
39	Photodynamic activity of 2,6-dibrominated dimethylaminophenylbuta-1,3-dienylBODIPY dyes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 47-55	1.8	0
38	Photocytotoxicity of heavy-atom-free thiobarbituric acid functionalized pyrene derivatives against MCF-7 cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021 , 33, 102102	3.5	
37	Thien-2-yl substituted chlorins as photosensitizers for photodynamic therapy and photodynamic antimicrobial chemotherapy. <i>Dyes and Pigments</i> , 2021 , 185, 108886	4.6	4
36	A heavy-atom-free extended N-confused porphyrin as a photosensitizer for photodynamic therapy. <i>New Journal of Chemistry</i> , 2021 , 45, 5654-5658	3.6	1
35	Photodynamic activity of Sn(IV) tetra-thien-2-ylchlorin against MCF-7 breast cancer cells. <i>Dalton Transactions</i> , 2021 , 50, 2177-2182	4.3	1
34	Photodynamic activity of Sn(IV) meso-tetraacenaophthylporphyrin and its methyl- β -cyclodextrin inclusion complexes on MCF-7 breast cancer cells 2021 , 376-384		
33	Photophysical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates 2021 , 207-218		
32	Naked Eye and Colorimetric Detection of Cyanide with a 1,3-Diethyl-2-thiobarbituric Acid Substituted Ferrocene Chemosensor. <i>ChemistrySelect</i> , 2021 , 6, 1448-1452	1.8	
31	The photophysical properties and photodynamic therapy activity of Schiff base substituted phthalocyanines doped into silica nanoparticles and conjugated to folic acid. <i>Polyhedron</i> , 2021 , 203, 115227	2.7	1
30	The photodynamic activities of the gold nanoparticle conjugates of phosphorus(V) and gallium(III) A3 meso-triarylcorroles. <i>Dyes and Pigments</i> , 2021 , 194, 109631	4.6	2
29	Positively charged styryl pyridine substituted Zn(II) phthalocyanines for photodynamic therapy and photoantimicrobial chemotherapy: effect of the number of charges. <i>Dalton Transactions</i> , 2021 , 50, 9129-9136	4.3	4
28	A comparative study of the photophysical and photodynamic activity properties of meso-4-methylthiophenyl functionalized Sn(IV) tetraarylporphyrins and triarylcorroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 1138-1145	1.8	4
27	Non-aggregated lipophilic water-soluble tin porphyrins as photosensitizers for photodynamic therapy and photodynamic antimicrobial chemotherapy. <i>New Journal of Chemistry</i> , 2020 , 44, 11006-11012	3.6	12

26	An octabrominated Sn(IV) tetraisopropylporphyrin as a photosensitizer dye for singlet oxygen biomedical applications. <i>Dalton Transactions</i> , 2020 , 49, 9568-9573	4.3	4
25	Photodynamic antimicrobial chemotherapy of asymmetric porphyrin-silver conjugates towards photoinactivation of <i>Staphylococcus aureus</i> . <i>Journal of Coordination Chemistry</i> , 2020 , 73, 593-608	1.6	5
24	Susceptibility of <i>Staphylococcus aureus</i> to porphyrin-silver nanoparticle mediated photodynamic antimicrobial chemotherapy. <i>Journal of Luminescence</i> , 2020 , 222, 117158	3.8	8
23	The photophysical properties and photodynamic therapy activity of In and Zn phthalocyanines when incorporated into individual or mixed Pluronic [®] micelles. <i>Polyhedron</i> , 2020 , 188, 114683	2.7	3
22	Photodynamic activity of 2,6-diiodo-3,5-dithienylvinyleneBODIPYs and their folate-functionalized chitosan-coated Pluronic [®] F-127 micelles on MCF-7 breast cancer cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 973-984	1.8	0
21	Sn(IV)-confused porphyrins as photosensitizer dyes for photodynamic therapy in the near IR region. <i>Dalton Transactions</i> , 2020 , 49, 15180-15183	4.3	7
20	Preparation of NIR absorbing axial substituted tin(IV) porphyrins and their photocytotoxic properties. <i>MedChemComm</i> , 2019 , 10, 41-48	5	14
19	Synthesis, characterization and photodynamic activity of Sn(IV) triarylcorroles with red-shifted Q bands. <i>New Journal of Chemistry</i> , 2019 , 43, 18805-18812	3.6	11
18	Photodynamic activity of Sn(IV) meso-tetraacenaphthylporphyrin and its methyl- β -cyclodextrin inclusion complexes on MCF-7 breast cancer cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 1486-1494	1.8	1
17	Photophysical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 34-45	1.8	14
16	The investigation of in vitro dark cytotoxicity and photodynamic therapy effect of a 2,6-dibromo-3,5-distyryl BODIPY dye encapsulated in Pluronic [®] F-127 micelles. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 3444-3457	1.6	4
15	AzaHx, a novel fluorescent, DNA minor groove and G/C recognition element: Synthesis and DNA binding properties of a p-anisyl-4-aza-benzimidazole-pyrrole-imidazole (azaHx-PI) polyamide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 3681-5	2.9	12
14	Mitochondria-Targeting Photocytotoxic Ferrocenyl Conjugates of N-Alkylpyridinium Salts. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1398-1407	2.3	7
13	Photocytotoxic oxovanadium(IV) complexes of ferrocenyl-terpyridine and acetylacetonate derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 332-41	6.8	19
12	Photoactivated cytotoxicity of ferrocenyl-terpyridine oxovanadium(IV) complexes of curcuminoids. <i>European Journal of Medicinal Chemistry</i> , 2014 , 85, 458-67	6.8	43
11	Ferrocenyl-L-amino acid copper(II) complexes showing remarkable photo-induced anticancer activity in visible light. <i>Dalton Transactions</i> , 2014 , 43, 11988-99	4.3	22
10	Photoactivated DNA cleavage and anticancer activity of oxovanadium(IV) complexes of curcumin. <i>Inorganica Chimica Acta</i> , 2013 , 400, 142-150	2.7	25
9	Ferrocene-Conjugated Oxidovanadium(IV) Complexes as Potent Near-IR Light Photocytotoxic Agents. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 126-135	2.3	24

8	Synthesis and DNA-binding properties of 1,2,3-triazole-linked H-pin pyrrole- and imidazole-containing polyamides formed by the Huisgen reaction. <i>Heterocyclic Communications</i> , 2012 , 18,	1.7	2
7	Design, synthesis and DNA binding properties of orthogonally positioned diamino containing polyamide F-IPI. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 404, 848-52	3.4	10
6	Synthesis and antiprotozoal activity of 1,2,3,4-tetrahydro-2-thioxopyrimidine analogs of combretastatin A-4. <i>Medicinal Chemistry Research</i> , 2011 , 20, 364-369	2.2	3
5	Acetyl analogs of combretastatin A-4: synthesis and biological studies. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 2359-67	3.4	14
4	Design and synthesis of novel enhanced water soluble hydroxyethyl analogs of combretastatin A-4. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2087-91	2.9	8
3	Synthesis and biophysical studies of hairpin polyamides targeting the Brn-3b and GATA-3 transcriptional sites. <i>Heterocyclic Communications</i> , 2010 , 16,	1.7	1
2	DNA sequence-selective monoheterocyclic analog of Hoechst 33258: cytotoxicity and antiparasitic properties. <i>Heterocyclic Communications</i> , 2010 , 16,	1.7	1
1	Synthesis and cytotoxicity of 1-phenylethanolamine carboxamide derivatives: effects on the cell cycle. <i>Medicinal Chemistry Research</i> , 2010 , 19, 1141-1152	2.2	1