

Zhao Zhang

List of Publications by Year in descending order

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22
papers

502
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623734

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#	ARTICLE	IF	CITATIONS
1	Ophiopogonin D Attenuates Doxorubicin-Induced Autophagic Cell Death by Relieving Mitochondrial Damage In Vitro and In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 166-174.	2.5	72
2	Ruthenium(II) complexes as apoptosis inducers by stabilizing c-myc G-quadruplex DNA. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 316-324.	5.5	47
3	Phosphorus(V) corrole: DNA binding, photonuclease activity and cytotoxicity toward tumor cells. <i>Bioorganic Chemistry</i> , 2016, 67, 57-63.	4.1	38
4	Photocytotoxicity and G-quadruplex DNA interaction of water-soluble gallium(III) tris(4-methylpyridyl)corrole complex. <i>Applied Organometallic Chemistry</i> , 2016, 30, 132-139.	3.5	35
5	Synthesis, characterization and in vitro and in vivo photodynamic activities of a gallium(III) tris(ethoxycarbonyl)corrole. <i>Dalton Transactions</i> , 2017, 46, 9481-9490.	3.3	35
6	Arene ruthenium(II) complex, a potent inhibitor against proliferation, migration and invasion of breast cancer cells, reduces stress fibers, focal adhesions and invadopodia. <i>Metallomics</i> , 2014, 6, 2204-2212.	2.4	31
7	Microwave-assisted synthesis of arene ruthenium(II) complexes [(⁶ -RC ₆ H ₅)Ru(m-MOPIP)Cl]Cl (R = -H and -CH ₃) as groove binder to c-myc G4 DNA. <i>Dalton Transactions</i> , 2014, 43, 9216-9225.	3.3	29
8	Microwave-assisted synthesis of phenanthroimidazole derivatives as stabilizer of c-myc G-quadruplex DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6503-6508.	3.0	28
9	Targeted photodynamic therapy of cancer using a novel gallium (III) tris (ethoxycarbonyl) corrole conjugated mAb directed against cancer/testis antigens 83. <i>Cancer Medicine</i> , 2018, 7, 3057-3065.	2.8	25
10	The photodynamic activity and toxicity evaluation of 5,10,15-tris(ethoxycarbonyl)corrole phosphorus(V) in vivo and in vitro. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 779-786.	5.5	25
11	<i>Lactobacillus paracasei</i> R3 protects against dextran sulfate sodium (DSS)-induced colitis in mice via regulating Th17/Treg cell balance. <i>Journal of Translational Medicine</i> , 2021, 19, 356.	4.4	23
12	Synthesis and characterization of chiral ruthenium(II) complexes λ^5 -[Ru(bpy) ₂ (H ₂ iip)](ClO ₄) ₂ as stabilizers of c-myc G-quadruplex DNA. <i>Journal of Coordination Chemistry</i> , 2015, 68, 1465-1475.	2.2	18
13	An analog of Ac-SDKP improves heart functions after myocardial infarction by suppressing alternative activation (M2) of macrophages. <i>International Journal of Cardiology</i> , 2014, 175, 376-378.	1.7	17
14	DNA-binding, photocleavage and anti-cancer activity of tin(IV) corrole. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 739-750.	0.8	17
15	Synthesis, characterization, and photodynamic therapy activity of 5,10,15,20-Tetrakis(carboxyl)porphyrin. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2598-2608.	3.0	12
16	Digestion Resistance of Soybean 7S Protein and Its Implications for Reinforcing the Gastric Mucus Barrier. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8776-8787.	5.2	12
17	Microwave-Assisted Synthesis of Arene Ruthenium(II) Complex as Apoptosis Inducer of A549 Cells. <i>Australian Journal of Chemistry</i> , 2013, 66, 1422.	0.9	10
18	Synthesis, characterization of ruthenium(II) complex of 1,3,8-trihydroxy-6-methyl-anthraquinone (emodin) and its binding behavior with c-myc G-quadruplex. <i>Inorganica Chimica Acta</i> , 2014, 418, 23-29.	2.4	9

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19	The photocytotoxicity effect of cationic sulfonated corrole towards lung cancer cells: in vitro and in vivo study. <i>Lasers in Medical Science</i> , 2019, 34, 1353-1363.	2.1	6
20	A novel ruthenium(II)â€“polypyridyl complex inhibits cell proliferation and induces cell apoptosis by impairing DNA damage repair. <i>Journal of Chemotherapy</i> , 2014, 26, 235-242.	1.5	5
21	Microwave-Assisted Synthesis of Ruthenium(II) Complexes with Trimethylsilylacetylene as Inhibitors against the Migration of Breast Cancer Cells. <i>Australian Journal of Chemistry</i> , 2015, 68, 137.	0.9	5
22	Exploring the mechanism of the potent allosteric inhibitor compound2 on SHP2 WT and SHP2F285S by molecular dynamics study. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 103, 107807.	2.4	3