

Wen Lu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

202
citations

1307594

7
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	High anticancer potency on tumor cells of dehydroabietylamine Schiff-base derivatives and a copper(II) complex. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 451-459.	5.5	65
2	A novel fluorescence "turn off-on" nano-sensor for detecting Cu ²⁺ and Cysteine in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 362, 14-20.	3.9	23
3	Quercetin-coated Fe ₃ O ₄ nanoparticle sensors based on low-field NMR for determination and removal of Pb ²⁺ and Cu ²⁺ in biological samples. <i>Analytical Methods</i> , 2018, 10, 2494-2502.	2.7	19
4	A novel quinoline-based turn-on fluorescent probe for the highly selective detection of Al (III) and its bioimaging in living cells, plants tissues and zebrafish. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 57-66.	2.6	18
5	Synthesis and potential antineoplastic activity of dehydroabietylamine imidazole derivatives. <i>MedChemComm</i> , 2018, 9, 2091-2099.	3.4	14
6	Synthesis of novel, DNA binding heterocyclic dehydroabietylamine derivatives as potential antiproliferative and apoptosis-inducing agents. <i>Drug Delivery</i> , 2020, 27, 216-227.	5.7	14
7	An acylhydrazone coumarin as chemosensor for the detection of Ni ²⁺ with excellent sensitivity and low LOD: Synthesis, DFT calculations and application in real water and living cells. <i>Inorganica Chimica Acta</i> , 2021, 516, 120144.	2.4	12
8	Synthesis, antiproliferative activities, and DNA binding of coumarin-3-formamido derivatives. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000236.	4.1	6
9	A coumarin-based reversible fluorescent probe for Cu ²⁺ and S ²⁻ and its applicability <i>in vivo</i> and for organism imaging. <i>New Journal of Chemistry</i> , 2021, 45, 11983-11991.	2.8	6
10	A Precise Method for Processing Data to Determine the Dissociation Constants of Polyhydroxy Carboxylic Acids via Potentiometric Titration. <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 1426-1438.	2.9	5
11	Synthesis, crystal structure and DFT calculations of a new coumarin-amide binuclear Cu (II) complex. <i>Journal of Molecular Structure</i> , 2019, 1192, 115-121.	3.6	5
12	Synthesis, crystal structure, antiproliferative activity, DNA binding and density functional theory calculations of 3-((pyridin-2-yl)amino)butylcoumarin and its copper(II) complex. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5875.	3.5	5
13	Adsorption mechanism of rhein-coated Fe ₃ O ₄ as magnetic adsorbent based on low-field NMR. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1052-1060.	5.3	5
14	Synthesis and high antiproliferative activity of dehydroabietylamine pyridine derivatives <i>in vitro</i> and <i>in vivo</i> . <i>Biochemical Journal</i> , 2020, 477, 2383-2399.	3.7	3
15	A Study on the Interaction between New Indole Amide Compound and Aluminum(III) Ion. <i>ChemistrySelect</i> , 2019, 4, 4371-4375.	1.5	2