

Shilong Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5063817/publications.pdf>

Version: 2024-02-01

20
papers

374
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	Chrysanthemum-like FeS/Ni ₃ S ₂ heterostructure nanoarray as a robust bifunctional electrocatalyst for overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 536-548.	9.4	39
2	Hierarchically grown ZnFe ₂ O ₄ -decorated polyaniline-coupled-graphene nanosheets as a novel electrocatalyst for selective detecting p-nitrophenol. <i>Microchemical Journal</i> , 2021, 160, 105777.	4.5	24
3	Kaempferol as an AIE-active natural product probe for selective Al ³⁺ detection in <i>Arabidopsis thaliana</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119303.	3.9	26
4	Synthesis, antiproliferative activities, and DNA binding of coumarin-3-formamido derivatives. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000236.	4.1	6
5	Adsorption mechanism of rhenium-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
6	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
7	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
8	Extraction and Application of Natural Rutin From <i>Sophora japonica</i> to Prepare the Novel Fluorescent Sensor for Detection of Copper Ions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 642138.	4.1	4
9	The Effect of Ball Milling Time on the Isolation of Lignin in the Cell Wall of Different Biomass. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 807625.	4.1	11
10	Synthesis, crystal structure, antiproliferative activity, DNA binding and density functional theory calculations of 3-(pyridin-2-yl)-8-tert-butylcoumarin and its copper(II) complex. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5875.	3.5	5
11	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
12	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
13	A Study on the Interaction between New Indole Amide Compound and Aluminum(III) Ion. <i>ChemistrySelect</i> , 2019, 4, 4371-4375.	1.5	2
14	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
15	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
16	Isolation, characterization and <i>in vitro</i> anticancer activity of an aqueous galactomannan from the seed of <i>Sesbania cannabina</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 113, 1241-1247.	7.5	28
17	Sensitive fluorescent assay for copper(II) determination in aqueous solution using quercetin-cyclodextrin inclusion. <i>RSC Advances</i> , 2018, 8, 37828-37834.	3.6	20
18	A highly sensitive and selective fluorescent sensor for detection of copper ions based on natural Isorhamnetin from Ginkgo leaves. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 386-391.	7.8	22

#	ARTICLE	IF	CITATIONS
19	A natural quercetin-based fluorescent sensor for highly sensitive and selective detection of copper ions. <i>Analytical Methods</i> , 2015, 7, 4546-4551.	2.7	36
20	Highly selective carbon dioxide uptake by a microporous kpm-pillared metal-organic framework with acylamide groups. <i>CrystEngComm</i> , 2014, 16, 5520.	2.6	21