

Li Xu

List of Publications by Year in Descending Order

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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.

59
papers

1,385
citations

16
h-index

36
g-index

61
ext. papers

1,630
ext. citations

3.7
avg, IF

4.45
L-index

#	Paper	IF	Citations
59	Fluorescent CQD-Doped Styrene Acrylic Emulsion Coating Film with Enhanced Optical Properties.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	1
58	Facile synthesis of phosphorus-nitrogen doped carbon quantum dots from cyanobacteria for bioimaging. <i>Canadian Journal of Chemical Engineering</i> , 2021 , 99, 1926	2.3	0
57	Highly fluorescent bisboron complexes in both solution and solid-state: Synthesis, photophysical properties and lipid droplet imaging in living cells. <i>Dyes and Pigments</i> , 2021 , 186, 108999	4.6	3
56	Kaempferol as an AIE-active natural product probe for selective Al detection in <i>Arabidopsis thaliana</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 249, 119303	4.4	8
55	Synthesis, antiproliferative activities, and DNA binding of coumarin-3-formamido derivatives. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000236	4.3	2
54	Adsorption mechanism of rhin-coated FeO as magnetic adsorbent based on low-field NMR. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 1052-1060	5.1	1
53	From coconut petiole residues to fluorescent carbon dots via a green hydrothermal method for Fe ³⁺ detection. <i>Cellulose</i> , 2021 , 28, 1647-1661	5.5	3
52	A coumarin-based reversible fluorescent probe for Cu ²⁺ and S ²⁻ and its applicability in vivo and for organism imaging. <i>New Journal of Chemistry</i> , 2021 , 45, 11983-11991	3.6	1
51	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	3.7	8
50	Extraction and Application of Natural Rutin From to Prepare the Novel Fluorescent Sensor for Detection of Copper Ions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 642138	5.8	2
49	Preparation and Properties of Cyanobacteria-Based Carbon Quantum Dots/Polyvinyl Alcohol/ Nanocellulose Composite. <i>Polymers</i> , 2020 , 12,	4.5	11
48	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	3.1	4
47	Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water. <i>PLoS ONE</i> , 2020 , 15, e0228814	3.7	3
46	Synthesis of novel, DNA binding heterocyclic dehydroabietylamine derivatives as potential antiproliferative and apoptosis-inducing agents. <i>Drug Delivery</i> , 2020 , 27, 216-227	7	5
45	Grignard reagents-catalyzed hydroboration of aldehydes and ketones. <i>Tetrahedron</i> , 2020 , 76, 131145	2.4	10
44	Synthesis and high antiproliferative activity of dehydroabietylamine pyridine derivatives in vitro and in vivo. <i>Biochemical Journal</i> , 2020 , 477, 2383-2399	3.8	1
43	Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water 2020 , 15, e0228814		

42	Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water 2020 , 15, e0228814		
41	Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water 2020 , 15, e0228814		
40	Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water 2020 , 15, e0228814		
39	Visualization of hydrogen polysulfides in living cells and in vivo via a near-infrared fluorescent probe. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 1077-1085	3.7	7
38	Catalyst-free and solvent-free hydroboration of ketones. <i>New Journal of Chemistry</i> , 2019 , 43, 10744-10749	3.5	25
37	Protein content and amino acids profile in 10 cultivars of ginkgo (L.) nut from China. <i>Royal Society Open Science</i> , 2019 , 6, 181571	3.3	14
36	Green hydroboration of carboxylic acids and mechanism investigation. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3604-3608	3.9	18
35	A Study on the Interaction between New Indole Amide Compound and Aluminum(III) Ion. <i>ChemistrySelect</i> , 2019 , 4, 4371-4375	1.8	2
34	Mechanical and thermal properties of rice straw cellulose nanofibrils-enhanced polyvinyl alcohol films using freezing-and-thawing cycle method. <i>Cellulose</i> , 2019 , 26, 3193-3204	5.5	22
33	Preparation and Performance of Radiata-Pine-Derived Polyvinyl Alcohol/Carbon Quantum Dots Fluorescent Films. <i>Materials</i> , 2019 , 13,	3.5	20
32	Sensitive Fluorescent Assay for Determination of Cu ²⁺ in Aqueous Solution Using Isorhamnetin- β -cyclodextrin Inclusion. <i>Chinese Journal of Analytical Chemistry</i> , 2019 , 47, e19059-e19065	1.6	4
31	Fluorometric detection of pH and quercetin based on nitrogen and phosphorus co-doped highly luminescent graphene-analogous flakes. <i>Analyst, The</i> , 2019 , 145, 115-121	5	2
30	Catalyst-free and Solvent-free Cyanosilylation and Knoevenagel Condensation of Aldehydes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1718-1722	8.3	30
29	Investigations on the elasticity of functional gold nanoparticles using single-molecule force spectroscopy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2960-2971	7.3	8
28	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	6.8	40
27	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	3.2	15
26	Isolation, characterization and in vitro 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	7.9	21
25	Synthesis, crystal structure and antitumor activities of water soluble protonated salt of 20(S)-camptothecin. <i>Journal of Molecular Structure</i> , 2018 , 1155, 623-627	3.4	5

24	Ytterbium-Catalyzed Hydroboration of Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2018 , 83, 69-74	4.2	59
23	Synthesis and potential antineoplastic activity of dehydroabietylamine imidazole derivatives. <i>MedChemComm</i> , 2018 , 9, 2091-2099	5	8
22	Unsymmetrical Ediketimate magnesium(I) complexes: syntheses and application in catalytic hydroboration of alkyne, nitrile and carbonyl compounds. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3538-3547	5.2	55
21	Sensitive fluorescent assay for copper(ii) determination in aqueous solution using quercetin-cyclodextrin inclusion.. <i>RSC Advances</i> , 2018 , 8, 37828-37834	3.7	13
20	Facile Preparation of Highly Luminescent Nitrogen-Doped Carbonaceous Nanospheres and Potential Application in Intracellular Imaging of Quercetin. <i>Australian Journal of Chemistry</i> , 2018 , 71, 882	1.2	3
19	Broadband terahertz spectroscopy of amino acids. <i>Instrumentation Science and Technology</i> , 2017 , 45, 423-439	1.4	16
18	A new mfj-type metalorganic framework constructed from a methoxyl derived V-shaped ligand and its H ₂ , CO ₂ and CH ₄ adsorption properties. <i>RSC Advances</i> , 2017 , 7, 21268-21272	3.7	18
17	A comparative study on the experimental and calculated results of mid-infrared and Raman vibrational modes of nucleic acid bases. <i>Journal of Molecular Graphics and Modelling</i> , 2017 , 74, 305-314	2.8	7
16	A new methyl-embedded (3,36)-connected txt-type metalorganic framework exhibiting high H ₂ adsorption property. <i>CrystEngComm</i> , 2017 , 19, 3094-3097	3.3	
15	Boron- and nitrogen-doped photoluminescent polymer carbon nanoparticles as nanosensors for imaging detection of Cu ²⁺ and biothiols in living cells. <i>RSC Advances</i> , 2017 , 7, 47654-47661	3.7	14
14	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	8.5	16
13	High Gas Adsorption Capacity of an agw-Type MetalOrganic Framework Decorated with Methyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4727-4730	2.3	2
12	A label-free and turn-on fluorescence sensor for sensitive and selective detection of iodide using carbon nanodots/silver nanocomposites. <i>Analytical Methods</i> , 2015 , 7, 4038-4043	3.2	6
11	A natural quercetin-based fluorescent sensor for highly sensitive and selective detection of copper ions. <i>Analytical Methods</i> , 2015 , 7, 4546-4551	3.2	29
10	A porous cobalt-based MOF with high CO ₂ selectivity and uptake capacity. <i>RSC Advances</i> , 2015 , 5, 29505-29508	3.7	506
9	Synthesis, structure, and luminescence of a coordination polymer from fumaropimaric acid and a water cluster. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 1238-1250	1.6	1
8	Highly selective carbon dioxide uptake by a microporous kgm-pillared metalorganic framework with acylamide groups. <i>CrystEngComm</i> , 2014 , 16, 5520	3.3	21
7	Terahertz Spectra of L-Ascorbic Acid and Thiamine Hydrochloride Studied by Terahertz Spectroscopy and Density Functional Theory. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2014 , 35, 871-880	2.2	18

- 6 Modulus Packaging Design of the Cylindrical Ceramic Furnishings. *Applied Mechanics and Materials*, **2012**, 215-216, 577-582 0.3
- 5 Optically Transparent Nanocomposite Based on Cellulose Nanofibers from Newspapers and Polyurethane. *Applied Mechanics and Materials*, **2012**, 174-177, 905-911 0.3 3
- 4 Research and Design on Aesthetics of Wood Grain. *Advanced Materials Research*, **2012**, 538-541, 3259-3264
- 3 Intrinsically fluorescent carbon dots with tunable emission derived from hydrothermal treatment of glucose in the presence of monopotassium phosphate. *Chemical Communications*, **2011**, 47, 11615-7 5.8 44⁸
- 2 Preparation and characterization of nanocomposite MgFe₂O₄/SiO₂. *Journal Wuhan University of Technology, Materials Science Edition*, **2009**, 24, 354-358 1 2
- 1 New BODIPY derivatives as OFF-ON fluorescent chemosensor and fluorescent chemodosimeter for Cu²⁺: cooperative selectivity enhancement toward Cu²⁺. *Journal of Organic Chemistry*, **2006**, 71, 2881-4 4.2 34²