

Li Xu

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,866
citations

361045

20
h-index

264894

42
g-index

61
all docs

61
docs citations

61
times ranked

2845
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsically fluorescent carbon dots with tunable emission derived from hydrothermal treatment of glucose in the presence of monopotassium phosphate. <i>Chemical Communications</i> , 2011, 47, 11615.	2.2	529
2	New BODIPY Derivatives as OFF-ON Fluorescent Chemosensor and Fluorescent Chemodosimeter for Cu ²⁺ : A Cooperative Selectivity Enhancement toward Cu ²⁺ . <i>Journal of Organic Chemistry</i> , 2006, 71, 2881-2884.	1.7	359
3	Unsymmetrical β -diketiminato magnesium complexes: syntheses and application in catalytic hydroboration of alkyne, nitrile and carbonyl compounds. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3538-3547.	2.3	83
4	Ytterbium-Catalyzed Hydroboration of Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 69-74.	1.7	74
5	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.	2.6	65
6	Catalyst-free and Solvent-free Cyanosilylation and Knoevenagel Condensation of Aldehydes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1718-1722.	3.2	49
7	Catalyst-free and solvent-free hydroboration of ketones. <i>New Journal of Chemistry</i> , 2019, 43, 10744-10749.	1.4	42
8	A natural quercetin-based fluorescent sensor for highly sensitive and selective detection of copper ions. <i>Analytical Methods</i> , 2015, 7, 4546-4551.	1.3	36
9	Preparation and Performance of Radiata-Pine-Derived Polyvinyl Alcohol/Carbon Quantum Dots Fluorescent Films. <i>Materials</i> , 2020, 13, 67.	1.3	35
10	From coconut petiole residues to fluorescent carbon dots via a green hydrothermal method for Fe ³⁺ detection. <i>Cellulose</i> , 2021, 28, 1647-1661.	2.4	35
11	Green hydroboration of carboxylic acids and mechanism investigation. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3604-3608.	1.5	33
12	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.	2.4	33
13	Broadband terahertz spectroscopy of amino acids. <i>Instrumentation Science and Technology</i> , 2017, 45, 423-439.	0.9	32
14	Preparation and Properties of Cyanobacteria-Based Carbon Quantum Dots/Polyvinyl Alcohol/Nanocellulose Composite. <i>Polymers</i> , 2020, 12, 1143.	2.0	30
15	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.	3.6	28
16	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.	2.0	26
17	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.	4.0	22
18	Highly selective carbon dioxide uptake by a microporous kgm-pillared metal-organic framework with acylamide groups. <i>CrystEngComm</i> , 2014, 16, 5520.	1.3	21

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19	Boron- and nitrogen-doped photoluminescent polymer carbon nanoparticles as nanosensors for imaging detection of Cu ²⁺ and biothiols in living cells. RSC Advances, 2017, 7, 47654-47661.	1.7	21
20	Terahertz Spectra of L-Ascorbic Acid and Thiamine Hydrochloride Studied by Terahertz Spectroscopy and Density Functional Theory. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 871-880.	1.2	20
21	A new mfi-type metal-organic framework constructed from a methoxyl derived V-shaped ligand and its H ₂ , CO ₂ and CH ₄ adsorption properties. RSC Advances, 2017, 7, 21268-21272.	1.7	20
22	Sensitive fluorescent assay for copper(II) determination in aqueous solution using quercetin-cyclodextrin inclusion. RSC Advances, 2018, 8, 37828-37834.	1.7	20
23	Grignard reagents-catalyzed hydroboration of aldehydes and ketones. Tetrahedron, 2020, 76, 131145.	1.0	20
24	Facile synthesis of phosphorus-nitrogen doped carbon quantum dots from cyanobacteria for bioimaging. Canadian Journal of Chemical Engineering, 2021, 99, 1926-1939.	0.9	20
25	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. Analytical Methods, 2018, 10, 2494-2502.	1.3	19
26	Protein content and amino acids profile in 10 cultivars of ginkgo (<i>Ginkgo biloba</i> L.) nut from China. Royal Society Open Science, 2019, 6, 181571.	1.1	19
27	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. Journal of Biological Inorganic Chemistry, 2021, 26, 57-66.	1.1	18
28	Synthesis and potential antineoplastic activity of dehydroabietylamine imidazole derivatives. MedChemComm, 2018, 9, 2091-2099.	3.5	14
29	Synthesis of novel, DNA binding heterocyclic dehydroabietylamine derivatives as potential antiproliferative and apoptosis-inducing agents. Drug Delivery, 2020, 27, 216-227.	2.5	14
30	Investigations on the elasticity of functional gold nanoparticles using single-molecule force spectroscopy. Journal of Materials Chemistry B, 2018, 6, 2960-2971.	2.9	11
31	Visualization of hydrogen polysulfides in living cells and in vivo via a near-infrared fluorescent probe. Journal of Biological Inorganic Chemistry, 2019, 24, 1077-1085.	1.1	11
32	Synthesis, crystal structure and antitumor activities of water soluble protonated salt of 20(S)-camptothecin. Journal of Molecular Structure, 2018, 1155, 623-627.	1.8	10
33	Highly fluorescent bisboron complexes in both solution and solid-state: Synthesis, photophysical properties and lipid droplet imaging in living cells. Dyes and Pigments, 2021, 186, 108999.	2.0	9
34	A comparative study on the experimental and calculated results of mid-infrared and Raman vibrational modes of nucleic acid bases. Journal of Molecular Graphics and Modelling, 2017, 74, 305-314.	1.3	8
35	Fluorometric detection of pH and quercetin based on nitrogen and phosphorus co-doped highly luminescent graphene-analogous flakes. Analyst, The, 2020, 145, 115-121.	1.7	7
36	A label-free and turn-on fluorescence sensor for sensitive and selective detection of iodide using carbon nanodots/silver nanocomposites. Analytical Methods, 2015, 7, 4038-4043.	1.3	6

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37	A porous cobalt-based MOF with high CO ₂ selectivity and uptake capacity. <i>RSC Advances</i> , 2015, 5, 29505-29508.	1.7	6
38	Synthesis, antiproliferative activities, and DNA binding of coumarin-3-formamido derivatives. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000236.	2.1	6
39	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.	1.4	6
40	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.	0.9	5
41	Synthesis, crystal structure, antiproliferative activity, DNA binding and density functional theory calculations of 3-(pyridin-2-yl)-tert-butylcoumarin and its copper(II) complex. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5875.	1.7	5
42	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.	1.1	5
43	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.	2.7	5
44	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.	0.5	4
45	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.	2.0	4
46	Fluorescent CQD-Doped Styrene Acrylic Emulsion Coating Film with Enhanced Optical Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 60.	1.8	4
47	Syntheses and high selective cytotoxicity of dehydroabietylamine C-ring nitration derivatives. <i>FÄ-toterapÄ-Äç</i> , 2022, 161, 105232.	1.1	4
48	Optically Transparent Nanocomposite Based on Cellulose Nanofibers from Newspapers and Polyurethane. <i>Applied Mechanics and Materials</i> , 0, 174-177, 905-911.	0.2	3
49	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.	1.7	3
50	Preparation and characterization of nanocomposite MgFe ₂ O ₄ /SiO ₂ . <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 354-358.	0.4	2
51	High Gas Adsorption Capacity of an <i>agw</i> -Type Metal-Organic Framework Decorated with Methyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4727-4730.	1.0	2
52	A Study on the Interaction between New Indole Amide Compound and Aluminum(III) Ion. <i>ChemistrySelect</i> , 2019, 4, 4371-4375.	0.7	2
53	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.	0.8	1
54	Modulus Packaging Design of the Cylindrical Ceramic Furnishings. <i>Applied Mechanics and Materials</i> , 2012, 215-216, 577-582.	0.2	0

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55	Research and Design on Aesthetics of Wood Grain. <i>Advanced Materials Research</i> , 0, 538-541, 3259-3264.	0.3	0
56	Synthesis, Crystal Structures and Properties of Two New Coordination Polymers Constructed from in situ-generated Pyridyl-dicarboxylic Acid Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, n/a-n/a.	0.6	0
57	A new methyl-embedded (3,36)-connected tvt-type metal-organic framework exhibiting high H ₂ adsorption property. <i>CrystEngComm</i> , 2017, 19, 3094-3097.	1.3	0
58	Title is missing!. , 2020, 15, e0228814.		0
59	Title is missing!. , 2020, 15, e0228814.		0
60	Title is missing!. , 2020, 15, e0228814.		0
61	Title is missing!. , 2020, 15, e0228814.		0