

Li Xu

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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 | 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, 11615-7 | 5.8 | 44 ⁸ |
| 58 | New BODIPY derivatives as OFF-ON fluorescent chemosensor and fluorescent chemodosimeter for Cu ²⁺ : cooperative selectivity enhancement toward Cu ²⁺ . <i>Journal of Organic Chemistry</i> , 2006 , 71, 2881-4 | 4.2 | 34 ² |
| 57 | Ytterbium-Catalyzed Hydroboration of Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2018 , 83, 69-74 | 4.2 | 59 |
| 56 | Unsymmetrical Ediketiminato 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 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | Catalyst-free and solvent-free hydroboration of ketones. <i>New Journal of Chemistry</i> , 2019 , 43, 10744-10749 | 4.9 | 25 |
| 51 | 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 |
| 50 | 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 |
| 49 | Highly selective carbon dioxide uptake by a microporous kgm-pillared metalorganic framework with acylamide groups. <i>CrystEngComm</i> , 2014 , 16, 5520 | 3.3 | 21 |
| 48 | Preparation and Performance of Radiata-Pine-Derived Polyvinyl Alcohol/Carbon Quantum Dots Fluorescent Films. <i>Materials</i> , 2019 , 13, | 3.5 | 20 |
| 47 | A new m _{fj} -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 |
| 46 | Green hydroboration of carboxylic acids and mechanism investigation. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3604-3608 | 3.9 | 18 |
| 45 | 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 |
| 44 | Broadband terahertz spectroscopy of amino acids. <i>Instrumentation Science and Technology</i> , 2017 , 45, 423-439 | 1.4 | 16 |
| 43 | 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 |

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| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | Preparation and Properties of Cyanobacteria-Based Carbon Quantum Dots/Polyvinyl Alcohol/Nanocellulose Composite. <i>Polymers</i> , 2020 , 12, | 4.5 | 11 |
| 37 | Grignard reagents-catalyzed hydroboration of aldehydes and ketones. <i>Tetrahedron</i> , 2020 , 76, 131145 | 2.4 | 10 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | Synthesis and potential antineoplastic activity of dehydroabietylamine imidazole derivatives. <i>MedChemComm</i> , 2018 , 9, 2091-2099 | 5 | 8 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | A porous cobalt-based MOF with high CO ₂ selectivity and uptake capacity. <i>RSC Advances</i> , 2015 , 5, 29505-29508 | 3.7 | 6 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |

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| 24 | 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 |
| 23 | Optically Transparent Nanocomposite Based on Cellulose Nanofibers from Newspapers and Polyurethane. <i>Applied Mechanics and Materials</i> , 2012 , 174-177, 905-911 | 0.3 | 3 |
| 22 | 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 |
| 21 | 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 |
| 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 | A Study on the Interaction between New Indole Amide Compound and Aluminum(III) Ion. <i>ChemistrySelect</i> , 2019 , 4, 4371-4375 | 1.8 | 2 |
| 18 | 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 | 1 | 2 |
| 17 | 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 |
| 16 | High Gas Adsorption Capacity of an agw-Type Metal-Organic Framework Decorated with Methyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4727-4730 | 2.3 | 2 |
| 15 | Synthesis, antiproliferative activities, and DNA binding of coumarin-3-formamido derivatives. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000236 | 4.3 | 2 |
| 14 | 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 |
| 13 | 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 |
| 12 | Fluorescent CQD-Doped Styrene Acrylic Emulsion Coating Film with Enhanced Optical Properties.. <i>International Journal of Molecular Sciences</i> , 2021 , 23, | 6.3 | 1 |
| 11 | 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 |
| 10 | Adsorption mechanism of rhein-coated FeO as magnetic adsorbent based on low-field NMR. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 1052-1060 | 5.1 | 1 |
| 9 | 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 |
| 8 | 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 |
| 7 | A new methyl-embedded (3,3,6)-connected tzt-type metal-organic framework exhibiting high H ₂ adsorption property. <i>CrystEngComm</i> , 2017 , 19, 3094-3097 | 3.3 | |

- 6 Modulus Packaging Design of the Cylindrical Ceramic Furnishings. *Applied Mechanics and Materials*, **2012**, 215-216, 577-582 0.3
- 5 Research and Design on Aesthetics of Wood Grain. *Advanced Materials Research*, **2012**, 538-541, 3259-3264
- 4 Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water **2020**, 15, e0228814
- 3 Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water **2020**, 15, e0228814
- 2 Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water **2020**, 15, e0228814
- 1 Preparation of cyanobacteria-enhanced poly(vinyl)alcohol-based films with resistance to blue-violet light / red light and water **2020**, 15, e0228814