

List of Publications by Citations

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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 ² 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

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

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