

Yumin Zhang

List of Publications by Year in descending order

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26
papers

680
citations

1040056

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552781

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docs citations

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times ranked

969
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Covalent organic frameworks: efficient, metal-free, heterogeneous organocatalysts for chemical fixation of CO ₂ under mild conditions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 374-382. | 10.3 | 238 |
| 2 | Covalent organic frameworks as metal-free heterogeneous photocatalysts for organic transformations. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22933-22938. | 10.3 | 176 |
| 3 | Synthesis, characterization and evaluation of dewatering properties of chitosan-grafting DMDAAC flocculants. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 761-768. | 7.5 | 74 |
| 4 | Subcritical Water Extraction of Huadian Oil Shale under Isothermal Condition and Pyrolysate Analysis. <i>Energy & Fuels</i> , 2014, 28, 2305-2313. | 5.1 | 25 |
| 5 | Design, Microwave-Assisted Synthesis and in Vitro Antibacterial and Antifungal Activity of 2,5-Disubstituted Benzimidazole. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800510. | 2.1 | 17 |
| 6 | Transparent and soluble polyimide films containing 4,4'-isopropylidenedicyclohexanol (cis-IPAC) units: Preparation, characterization, thermal, mechanical, and dielectric properties. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2115-2128. | 2.3 | 16 |
| 7 | An efficient solvent-free synthesis of isoxazolyl-1,4-dihydropyridines on solid support SiO ₂ under microwave irradiation. <i>Monatshefte für Chemie</i> , 2016, 147, 1605-1614. | 1.8 | 13 |
| 8 | Synthesis and evaluation of novel benzene-ethanol bearing 1,2,4-triazole derivatives as potential antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2017, 26, 44-51. | 2.4 | 11 |
| 9 | Synthesis and characterization of novel N-phenylacetamide bearing 1,2,4-triazole derivatives as potential antimicrobial agents. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 70-73. | 2.6 | 10 |
| 10 | Synthesis of Highly Sensitive Fluorescent Probe Based on Tetrasubstituted Imidazole and Its Application for Selective Detection of Ag ⁺ Ion in Aqueous Media. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 369-374. | 2.6 | 10 |
| 11 | Microwave-assisted Synthesis of New 1,2,3-Triazoles Bearing an Isoxazole Ring by the Azide-alkyne Cycloaddition Click Chemistry. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 197-202. | 2.6 | 9 |
| 12 | Soluble Polyimides Bearing (cis, trans)-Hydrogenated Bisphenol A and (trans, trans)-Hydrogenated Bisphenol A Moieties: Synthesis, Properties and the Conformational Effect. <i>Polymers</i> , 2019, 11, 854. | 4.5 | 9 |
| 13 | Preparation and Dewatering Property of Two Sludge Conditioners Chitosan/AM/AA and Chitosan/AM/AA/DMDAAC. <i>Journal of Polymers and the Environment</i> , 2019, 27, 275-285. | 5.0 | 9 |
| 14 | Surface modification of carbon black to facilitate suspension polymerization of styrene and carbon black. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46387. | 2.6 | 8 |
| 15 | Novel copolyimides containing 1,4:3,6-dianhydro- α -mannitol unit Preparation, characterization, thermal, mechanical, soluble, and optical properties. <i>High Performance Polymers</i> , 2019, 31, 220-229. | 1.8 | 8 |
| 16 | Synthesis and Dewatering Properties of Cellulose Derivative-Grafting DMC Amphoteric Biodegradable Flocculants. <i>Journal of Polymers and the Environment</i> , 2021, 29, 565-575. | 5.0 | 7 |
| 17 | An efficient and convenient procedure for the synthesis of 2-alkyl-2-alkoxy-1,2-di(furan-2-yl)ethanone under ultrasound in the presence of solid-liquid phase transfer catalysis conditions. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 493-496. | 8.2 | 6 |
| 18 | A New Tetrasubstituted Imidazole Based Difunctional Probe for UV-spectrophotometric and Fluorometric Detecting of Fe ³⁺ Ion in Aqueous Solution. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 200-208. | 2.6 | 6 |

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|----|---|-----|-----------|
| 19 | Inhibitory effects of novel 1,4-disubstituted 1,2,3-triazole compounds on quorum-sensing of <i>P. aeruginosa</i> PAO1. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 373-379. | 2.9 | 6 |
| 20 | A novel method for preparing composites of PDMS/PS core-shell emulsion and polystyrene. <i>Journal of Applied Polymer Science</i> , 2007, 105, 2571-2576. | 2.6 | 5 |
| 21 | Design, Ultrasonic-assisted Synthesis and Evaluation In vitro Antimicrobial Activity of Bis-isoxazole Derivatives Bearing Chloro-pyridinyl Group. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 668-673. | 2.6 | 4 |
| 22 | Microwave-assisted efficient synthesis of 3-substituted bis-isoxazole ether bearing 2-chloro-3-pyridyl via 1,3-dipolar cycloaddition. <i>Molecular Diversity</i> , 2020, 24, 423-435. | 3.9 | 3 |
| 23 | Microwave-assisted Catalyzed Synthesis and In vitro Bioactivity Evaluation of Benzimidazoles Bearing Phenolic Hydroxyl. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 639-646. | 2.6 | 3 |
| 24 | Synthesis of 1, 3, 5-trisubstituted-4,5-dihydro-1H-pyrazole catalyzed by vitamin B1 and its fluorescence properties. <i>Research on Chemical Intermediates</i> , 2022, 48, 983-1001. | 2.7 | 3 |
| 25 | Synthesis, characterization and properties of poly(N-allyl-tetrasubstituted imidazole). <i>Polymer Bulletin</i> , 2019, 76, 5683-5699. | 3.3 | 2 |
| 26 | Microwave-assisted synthesis and luminescent properties of triphenylamine substituted mono- and di-branched benzimidazole derivatives. <i>Chemical Papers</i> , 2021, 75, 1485-1496. | 2.2 | 2 |