

Yumin Zhang

List of Publications by Year in descending order

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26
papers

680
citations

1040056

9
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

969
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Synthesis, characterization and properties of poly(N-allyl-tetrasubstituted imidazole). <i>Polymer Bulletin</i> , 2019, 76, 5683-5699.	3.3	2
13	Novel copolyimides containing 1,4:3,6-dianhydro-D-mannitol unit Preparation, characterization, thermal, mechanical, soluble, and optical properties. <i>High Performance Polymers</i> , 2019, 31, 220-229.	1.8	8
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	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
16	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
17	Transparent and soluble polyimide films containing 4,4'-isopropylidenedicyclohexanol (i-Cis-IPBPA) units: Preparation, characterization, thermal, mechanical, and dielectric properties. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2115-2128.	2.3	16
18	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

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19	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
20	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
21	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
22	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
23	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
24	Subcritical Water Extraction of Huadian Oil Shale under Isothermal Condition and Pyrolysate Analysis. <i>Energy & Fuels</i> , 2014, 28, 2305-2313.	5.1	25
25	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
26	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