

Qiang Gu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	Ultrasonic-assisted synthesis of 1,4-disubstituted 1,2,3-triazoles via various terminal acetylenes and azide and their quorum sensing inhibition. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 343-353.	8.2	37
3	Molecular dynamics simulation of water diffusion inside an amorphous polyacrylate latex film. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 884-891.	2.1	27
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	Preparation and characterization of polytetrafluoroethylene-polyacrylate core-shell nanoparticles. <i>Polymers for Advanced Technologies</i> , 2007, 18, 544-548.	3.2	18
6	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
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	Study on emulsion and suspension in situ polymerization. <i>Journal of Applied Polymer Science</i> , 2005, 95, 404-412.	2.6	12
9	High-performance soluble copolyarylate based on phenolphthalein: synthesis, characterization and properties. <i>Polymer International</i> , 2019, 68, 1729-1738.	3.1	12
10	High-solubility aromatic polyesters with fluorene and phthalein groups: Synthesis and property. <i>High Performance Polymers</i> , 2020, 32, 933-944.	1.8	11
11	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
12	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
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	Microwave-assisted solvent-free catalyzed synthesis and luminescence properties of 1,2,4,5-tetrasubstituted imidazoles bearing a 4-aminophenyl substituent. <i>Chemical Papers</i> , 2017, 71, 627-637.	2.2	7
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	Synthesis and applications in Henry reactions of novel chiral thiazoline tridentate ligands. <i>Applied Organometallic Chemistry</i> , 2015, 29, 661-667.	3.5	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	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
20	Efficient solvent-free synthesis of bis(indolyl)methanes on SiO ₂ solid support under microwave irradiation. <i>Chemical Papers</i> , 2015, 69, .	2.2	5
21	Synthesis and characterization of ABS resin using in situ transferring from emulsion to suspension polymerization. <i>Polymer International</i> , 2007, 56, 195-199.	3.1	4
22	Efficient synthesis of bis-isoxazole ethers via 1,3-dipolar cycloaddition catalysed by Zn/Zn ²⁺ and their antifungal activities. <i>Chemical Papers</i> , 2015, 69, .	2.2	4
23	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
24	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
25	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
26	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
27	One-pot solvent-free synthesis of 1,3,5-trisubstituted 1H-pyrazoles catalyzed by H ₃ [PW ₁₂ O ₄₀]/SiO ₂ under microwave irradiation. <i>Monatshefte für Chemie</i> , 2022, 153, 257-266.	1.8	3
28	Synthesis, characterization and properties of poly(N-allyl-tetrasubstituted imidazole). <i>Polymer Bulletin</i> , 2019, 76, 5683-5699.	3.3	2
29	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