Wei-Wei Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	581 citations	623734 14 h-index	642732 23 g-index
44 all docs	44 docs citations	44 times ranked	767 citing authors

#	Article	IF	Citations
1	Lipase-catalysed decarboxylative aldol reaction and decarboxylative Knoevenagel reaction. Green Chemistry, 2009, 11, 1933.	9.0	80
2	Photo-induced adhesive carboxymethyl chitosan-based hydrogels with antibacterial and antioxidant properties for accelerating wound healing. Carbohydrate Polymers, 2022, 278, 119000.	10.2	46
3	Hybrid MnO₂/C nano-composites on a macroporous electrically conductive network for supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 16695-16707.	10.3	41
4	A simple, efficient thermally promoted protocol for Huisgen-click reaction catalyzed by CuSO4Â·5H2O in water. Tetrahedron Letters, 2014, 55, 2410-2414.	1.4	39
5	Cu(OAc)2Â·H2Oâ€”an efficient catalyst for Huisgen-click reaction in supercritical carbon dioxide. Tetrahedron Letters, 2015, 56, 2472-2475.	1.4	38
6	An efficient NaHSO3-promoted protocol for chemoselective synthesis of 2-substituted benzimidazoles in water. Chemical Papers, 2018, 72, 1265-1276.	2.2	28
7	Immobilization of Aspergillus terreus lipase in self-assembled hollow nanospheres for enantioselective hydrolysis of ketoprofen vinyl ester. Journal of Biotechnology, 2015, 194, 12-18.	3.8	25
8	Facile preparation of polysaccharides-based adhesive hydrogel with antibacterial and antioxidant properties for promoting wound healing. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112208.	5.0	23
9	Metallic copper wire: a simple, clear and reusable catalyst for the CuAAC reaction in supercritical carbon dioxide. RSC Advances, 2015, 5, 73340-73345.	3.6	19
10	Improved activity of lipase immobilized in microemulsion-based organogels for (R, S)-ketoprofen ester resolution: Long-term stability and reusability. Biotechnology Reports (Amsterdam, Netherlands), 2015, 7, 1-8.	4.4	19
11	Electrochemical and quantum chemical studies of azoles as corrosion inhibitors for mild steel in hydrochloric acid. Chemical Research in Chinese Universities, 2016, 32, 827-837.	2.6	19
12	EGCG-crosslinked carboxymethyl chitosan-based hydrogels with inherent desired functions for full-thickness skin wound healing. Journal of Materials Chemistry B, 2022, 10, 3927-3935.	5.8	17
13	Synthesis, characterization and association behavior of linear-dendritic amphiphilic diblock copolymers based on poly(ethylene oxide) and a dendron derived from 2,2â€²-bis(hydroxymethyl)propionic acid. Polymer Chemistry, 2015, 6, 2274-2282.	3.9	16
14	Photo-induced programmable degradation of carboxymethyl chitosan-based hydrogels. Carbohydrate Polymers, 2021, 256, 117609.	10.2	15
15	Water-Dispersed Perovskite Nanocube@SiO₂-C₁₈-PC Coreâ€“Shell Nanoparticles for Cell Imaging. ACS Applied Nano Materials, 2021, 4, 11791-11800.	5.0	14
16	Carboxymethylpullulan promoted Cu₂O-catalyzed Huisgen-click reaction. RSC Advances, 2015, 5, 12043-12047.	3.6	12
17	An efficient CuI/DBU-catalyzed one-pot protocol for synthesis of 1,4-disubstituted 1,2,3-triazoles. RSC Advances, 2016, 6, 110102-110107.	3.6	12
18	Copper(<scp>II</scp>) Acetylacetonate: An Efficient Catalyst for Huisgenâ€Click Reaction for Synthesis of 1,2,3â€Triazoles in Water. Chinese Journal of Chemistry, 2017, 35, 1239-1245.	4.9	12

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19	Biocatalytic Synthesis of Optically Active Hydroxyesters via Lipase-Catalyzed Decarboxylative Aldol Reaction and Kinetic Resolution. Applied Biochemistry and Biotechnology, 2014, 173, 535-543.	2.9	11
20	Stable stereocomplex micelles from Y-shaped amphiphilic copolymers MPEGâ€“(scPLA)₂: preparation and characteristics. RSC Advances, 2016, 6, 20761-20771.	3.6	10
21	Preparation and characterization of nanosized barium calcium titanate crystallites by low temperature direct synthesis. Journal of Materials Science, 2006, 41, 5743-5745.	3.7	7
22	Construction and quality examination of murine naive T7 phage display antibody library. Food and Agricultural Immunology, 2010, 21, 81-90.	1.4	7
23	Effect of residual stress on corrosion sensitivity of carbon steel studied by SECM. Chemical Research in Chinese Universities, 2014, 30, 1022-1027.	2.6	7
24	Effects of Additives on Lipase Immobilization in Microemulsion-Based Organogels. Applied Biochemistry and Biotechnology, 2014, 172, 3128-3140.	2.9	7
25	Design, Synthesis, and Antifungal Evaluation of Novel Benzoxazole Derivatives Containing a 1,2,3â€Triazole Moiety. Journal of the Chinese Chemical Society, 2017, 64, 1197-1202.	1.4	7
26	Convex Optimization-Based Power Allocation Strategies for Target Localization in Distributed Hybrid Non-Coherent Active-Passive Radar Networks. IEEE Transactions on Signal Processing, 2022, 70, 2476-2488.	5.3	7
27	Design, synthesis, and antilung adenocarcinoma activity research of novel paeonol Schiff base derivatives containing a 1,2,3â€triazole moiety. Journal of the Chinese Chemical Society, 2020, 67, 165-171.	1.4	6
28	Power Minimization-Based Joint Resource Allocation Algorithm for Target Localization in Noncoherent Distributed MIMO Radar System. IEEE Systems Journal, 2022, 16, 2183-2194.	4.6	6
29	Preparation and characterization of stereocomplex aggregates based on PLAâ€“P188â€“PLA. RSC Advances, 2016, 6, 50543-50552.	3.6	5
30	BAG2 mediates coelomocyte apoptosis in Vibrio splendidus challenged sea cucumber Apostichopus japonicus. International Journal of Biological Macromolecules, 2021, 189, 34-43.	7.5	5
31	Stable micelles formed through a stereocomplex of amphiphilic copolymers zwitterionic-(PLLA)₂ and MPEG-(PDLA)₂ for controlled drug delivery. RSC Advances, 2016, 6, 63597-63606.	3.6	3
32	Cu(OAc)₂·H₂O/NH₂OH·HCl/CH₃COONa: A Facile and Efficient Catalyst System for Copperâ€catalyzed Azideâ€“Alkyne Click Reactions in Water. Journal of the Chinese Chemical Society, 2018, 65, 505-510.	1.4	3
33	Cu(II)-CMC: a mild, efficient and recyclable catalyst for the oxidative alkyne homocoupling reaction. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 549-554.	0.7	2
34	An Efficient Method for Reduction of Nitroaromatic Compounds to the Corresponding Aromatic Amines with NH₂NH₂·H₂O Catalysed by H₂O₂-Treated Activated Carbon. Journal of Chemical Research, 2017, 41, 509-512.	1.3	2
35	Thermophysical Properties of Octamethylcyclotetrasiloxane with Various Alkanes (C10-C14) at Temperatures from 288.15 to 328.15ÂK. Journal of Solution Chemistry, 2021, 50, 851-866.	1.2	2
36	Low Probability of Intercept-Based Power Allocation for Target Localization in Distributed Hybrid Active-Passive Radar Network. , 2021, , .		2

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37	Tea plant growth and soil nutrients in response to the application of fertilizer in Guizhou province, China. Agronomy Journal, 0, , .	1.8	2
38	Ethanol sensors based on graphene/tin oxide. , 2014, , .		1
39	Boltzmann constant determined by fluorescent spectroscopy for verifying thermometers. Frontiers of Optoelectronics, 2014, 7, 64-68.	3.7	1
40	[bmim]PF₆/KOH: A Recyclable Catalytic System for an Azideâ€“Arylacetaldehyde [3 + 2] Cycloaddition. Journal of Chemical Research, 2017, 41, 631-635.	1.3	1
41	LPI-Based Searching Task Allocation for Multi-UAVs System. , 2020, , .		1
42	A transglutaminase 2-like gene from sea cucumber Apostichopus japonicus mediates coelomocytes autophagy. Fish and Shellfish Immunology, 2021, 119, 602-612.	3.6	1
43	DBU-Promoted Cu(OAc)â€¢H₂O-Catalysed Coupling Reactions of Aryl Iodides and Sodium Azide. Journal of Chemical Research, 2018, 42, 247-250.	1.3	0