

Wei-Wei Zhang

List of Publications by Year in descending order

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papers

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623734

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642732

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767
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#	ARTICLE	IF	CITATIONS
1	Facile preparation of polysaccharides-based adhesive hydrogel with antibacterial and antioxidant properties for promoting wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112208.	5.0	23
2	Power Minimization-Based Joint Resource Allocation Algorithm for Target Localization in Noncoherent Distributed MIMO Radar System. <i>IEEE Systems Journal</i> , 2022, 16, 2183-2194.	4.6	6
3	Photo-induced adhesive carboxymethyl chitosan-based hydrogels with antibacterial and antioxidant properties for accelerating wound healing. <i>Carbohydrate Polymers</i> , 2022, 278, 119000.	10.2	46
4	EGCG-crosslinked carboxymethyl chitosan-based hydrogels with inherent desired functions for full-thickness skin wound healing. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3927-3935.	5.8	17
5	Convex Optimization-Based Power Allocation Strategies for Target Localization in Distributed Hybrid Non-Coherent Active-Passive Radar Networks. <i>IEEE Transactions on Signal Processing</i> , 2022, 70, 2476-2488.	5.3	7
6	Photo-induced programmable degradation of carboxymethyl chitosan-based hydrogels. <i>Carbohydrate Polymers</i> , 2021, 256, 117609.	10.2	15
7	Thermophysical Properties of Octamethylcyclotetrasiloxane with Various Alkanes (C10-C14) at Temperatures from 288.15 to 328.15ÅK. <i>Journal of Solution Chemistry</i> , 2021, 50, 851-866.	1.2	2
8	Low Probability of Intercept-Based Power Allocation for Target Localization in Distributed Hybrid Active-Passive Radar Network. , 2021, , .		2
9	BAG2 mediates coelomocyte apoptosis in <i>Vibrio splendidus</i> challenged sea cucumber <i>Apostichopus japonicus</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 189, 34-43.	7.5	5
10	Water-Dispersed Perovskite Nanocube@SiO ₂ -C ₁₈ -PC Core-Shell Nanoparticles for Cell Imaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 11791-11800.	5.0	14
11	A transglutaminase 2-like gene from sea cucumber <i>Apostichopus japonicus</i> mediates coelomocytes autophagy. <i>Fish and Shellfish Immunology</i> , 2021, 119, 602-612.	3.6	1
12	Design, synthesis, and antitumor activity research of novel paeonol Schiff base derivatives containing a 1,2,3-triazole moiety. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 165-171.	1.4	6
13	LPI-Based Searching Task Allocation for Multi-UAVs System. , 2020, , .		1
14	Cu(OAc) ₂ ·H ₂ O/NH ₂ OH·HCl/CH ₃ COONa: A Facile and Efficient Catalyst System for Copper-catalyzed Azide-Alkyne Click Reactions in Water. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 505-510.	1.4	3
15	An efficient NaHSO ₃ -promoted protocol for chemoselective synthesis of 2-substituted benzimidazoles in water. <i>Chemical Papers</i> , 2018, 72, 1265-1276.	2.2	28
16	DBU-Promoted Cu(OAc) ₂ ·O-Catalysed Coupling Reactions of Aryl Iodides and Sodium Azide. <i>Journal of Chemical Research</i> , 2018, 42, 247-250.	1.3	0
17	Copper(II) Acetylacetonate: An Efficient Catalyst for Huisgen-Click Reaction for Synthesis of 1,2,3-Triazoles in Water. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1239-1245.	4.9	12
18	Cu(II)-CMC: a mild, efficient and recyclable catalyst for the oxidative alkyne homocoupling reaction. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 549-554.	0.7	2

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19	Design, Synthesis, and Antifungal Evaluation of Novel Benzoxazole Derivatives Containing a 1,2,3-Triazole Moiety. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1197-1202.	1.4	7
20	An Efficient Method for Reduction of Nitroaromatic Compounds to the Corresponding Aromatic Amines with $\text{NH}_2/\text{NH}_2\text{-H}_2\text{O}$ Catalysed by H_2O_2 -Treated Activated Carbon. <i>Journal of Chemical Research</i> , 2017, 41, 509-512.	1.3	2
21	[bmim]PF ₆ /KOH: A Recyclable Catalytic System for an Azide-Arylacetaldehyde [3 + 2] Cycloaddition. <i>Journal of Chemical Research</i> , 2017, 41, 631-635.	1.3	1
22	Stable micelles formed through a stereocomplex of amphiphilic copolymers zwitterionic-(PLLA) ₂ and MPEG-(PDLA) ₂ for controlled drug delivery. <i>RSC Advances</i> , 2016, 6, 63597-63606.	3.6	3
23	Preparation and characterization of stereocomplex aggregates based on PLA-P188-PLA. <i>RSC Advances</i> , 2016, 6, 50543-50552.	3.6	5
24	Electrochemical and quantum chemical studies of azoles as corrosion inhibitors for mild steel in hydrochloric acid. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 827-837.	2.6	19
25	An efficient Cu/DBU-catalyzed one-pot protocol for synthesis of 1,4-disubstituted 1,2,3-triazoles. <i>RSC Advances</i> , 2016, 6, 110102-110107.	3.6	12
26	Stable stereocomplex micelles from Y-shaped amphiphilic copolymers MPEG-(scPLA) ₂ : preparation and characteristics. <i>RSC Advances</i> , 2016, 6, 20761-20771.	3.6	10
27	Metallic copper wire: a simple, clear and reusable catalyst for the CuAAC reaction in supercritical carbon dioxide. <i>RSC Advances</i> , 2015, 5, 73340-73345.	3.6	19
28	Synthesis, characterization and association behavior of linear-dendritic amphiphilic diblock copolymers based on poly(ethylene oxide) and a dendron derived from 2,2-bis(hydroxymethyl)propionic acid. <i>Polymer Chemistry</i> , 2015, 6, 2274-2282.	3.9	16
29	Carboxymethylpullulan promoted Cu ₂ O-catalyzed Huisgen-click reaction. <i>RSC Advances</i> , 2015, 5, 12043-12047.	3.6	12
30	Improved activity of lipase immobilized in microemulsion-based organogels for (R, S)-ketoprofen ester resolution: Long-term stability and reusability. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 7, 1-8.	4.4	19
31	Hybrid MnO ₂ /C nano-composites on a macroporous electrically conductive network for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16695-16707.	10.3	41
32	Cu(OAc) ₂ ·H ₂ O an efficient catalyst for Huisgen-click reaction in supercritical carbon dioxide. <i>Tetrahedron Letters</i> , 2015, 56, 2472-2475.	1.4	38
33	Immobilization of <i>Aspergillus terreus</i> lipase in self-assembled hollow nanospheres for enantioselective hydrolysis of ketoprofen vinyl ester. <i>Journal of Biotechnology</i> , 2015, 194, 12-18.	3.8	25
34	Effect of residual stress on corrosion sensitivity of carbon steel studied by SECM. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 1022-1027.	2.6	7
35	Ethanol sensors based on graphene/tin oxide. , 2014, , .		1
36	A simple, efficient thermally promoted protocol for Huisgen-click reaction catalyzed by CuSO ₄ ·5H ₂ O in water. <i>Tetrahedron Letters</i> , 2014, 55, 2410-2414.	1.4	39

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37	Biocatalytic Synthesis of Optically Active Hydroxyesters via Lipase-Catalyzed Decarboxylative Aldol Reaction and Kinetic Resolution. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 535-543.	2.9	11
38	Boltzmann constant determined by fluorescent spectroscopy for verifying thermometers. <i>Frontiers of Optoelectronics</i> , 2014, 7, 64-68.	3.7	1
39	Effects of Additives on Lipase Immobilization in Microemulsion-Based Organogels. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3128-3140.	2.9	7
40	Construction and quality examination of murine naive T7 phage display antibody library. <i>Food and Agricultural Immunology</i> , 2010, 21, 81-90.	1.4	7
41	Lipase-catalysed decarboxylative aldol reaction and decarboxylative Knoevenagel reaction. <i>Green Chemistry</i> , 2009, 11, 1933.	9.0	80
42	Preparation and characterization of nanosized barium calcium titanate crystallites by low temperature direct synthesis. <i>Journal of Materials Science</i> , 2006, 41, 5743-5745.	3.7	7
43	Tea plant growth and soil nutrients in response to the application of fertilizer in Guizhou province, China. <i>Agronomy Journal</i> , 0, , .	1.8	2