

# Zhihan Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

381  
citations

687363

13  
h-index

794594

19  
g-index

23  
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23  
docs citations

23  
times ranked

316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoregular Two-Dimensional Polymers Constructed by Topochemical Polymerization. <i>Macromolecules</i> , 2015, 48, 2894-2900.	4.8	46
2	Linear polyester synthesized from furfural-based monomer by photoreaction in sunlight. <i>Green Chemistry</i> , 2015, 17, 4720-4724.	9.0	40
3	Polyadderane Constructed from a Gemini Monomer through Photoreaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12155-12159.	13.8	27
4	Furfural-Derived Diacid Prepared by Photoreaction for Sustainable Materials Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8136-8141.	6.7	25
5	A two-dimensional hydrogen bonded organic framework self-assembled from a three-fold symmetric carbamate. <i>Chemical Communications</i> , 2014, 50, 5209-5211.	4.1	24
6	Synthesis of polymeric ladders by topochemical polymerization. <i>Chemical Communications</i> , 2014, 50, 1218-1220.	4.1	24
7	Renewable Cyclobutane-1,3-dicarboxylic Acid (CBDA) Building Block Synthesized from Furfural via Photocyclization. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8909-8917.	6.7	22
8	Scalable preparation and property investigation of a cis-cyclobutane-1,2-dicarboxylic acid from $\beta$ -trans-cinnamic acid. <i>Chemical Communications</i> , 2019, 55, 214-217.	4.1	21
9	Lighting the Way to Greener Chemistry: Incandescent Floodlights as a Facile UV Light Source for Classic and Cutting-Edge Photoreactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5053-5059.	6.7	20
10	Cyclobutane-1,3-Diacid (CBDA): A Semi-Rigid Building Block Prepared by [2+2] Photocyclization for Polymeric Materials. <i>Scientific Reports</i> , 2017, 7, 13704.	3.3	18
11	Antitussive and Anti-inflammatory Dual-active Agents Developed from Natural Product Lead Compound 1-Methylhydantoin. <i>Molecules</i> , 2019, 24, 2355.	3.8	18
12	Protein-Based Fingerprint Analysis for the Identification of <i>Ranae Oviductus</i> Using RP-HPLC. <i>Molecules</i> , 2019, 24, 1687.	3.8	18
13	Isolation and identification of two steroid compounds from <i>Oviductus Ranae</i> . <i>Natural Product Research</i> , 2010, 24, 1518-1522.	1.8	14
14	Quality Evaluation of <i>Oviductus Ranae</i> Based on PUFAs Using HPLC Fingerprint Techniques Combined with Chemometric Methods. <i>Foods</i> , 2019, 8, 322.	4.3	12
15	Synthesis and characterization of BPA-free polyesters by incorporating a semi-rigid cyclobutanediol monomer. <i>Polymer Chemistry</i> , 2020, 11, 6081-6090.	3.9	11
16	Synthesis of 5-bromo-6-methyl imidazopyrazine, 5-bromo and 5-chloro-6-methyl imidazopyridine using electron density surface maps to guide synthetic strategy. <i>Tetrahedron</i> , 2011, 67, 9063-9066.	1.9	10
17	Polyadderane Constructed from a Gemini Monomer through Photoreaction. <i>Angewandte Chemie</i> , 2017, 129, 12323-12327.	2.0	9
18	Environmental influences on quality features of <i>Oviductus Ranae</i> in the Changbai Mountains. <i>RSC Advances</i> , 2019, 9, 36050-36057.	3.6	7

#	ARTICLE	IF	CITATIONS
19	Antioxidant Activity Evaluation of Oviductus Ranae Protein Hydrolyzed by Different Proteases. <i>Molecules</i> , 2021, 26, 1625.	3.8	6
20	An unsaturated hydrogen bonded network generated from three-fold symmetric carbamates. <i>CrystEngComm</i> , 2014, 16, 7176-7179.	2.6	5
21	Crystal engineering construction of caffeic acid derivatives with potential applications in pharmaceuticals and degradable polymeric materials. <i>CrystEngComm</i> , 2020, 22, 7847-7857.	2.6	2
22	Scalable Synthesis of 4-Substituted 5-Bromo-6-methylpyrimidines. <i>Synthesis</i> , 2011, 2011, 1529-1531.	2.3	1
23	Unsaturated fatty-acid based HPLC fingerprints in combination with quantitative analysis of multi-components by single-marker for the classification of <i>Rana chensinensis</i> ovum. <i>New Journal of Chemistry</i> , 2022, 46, 10441-10450.	2.8	1