

# Xiqing Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5516145/publications.pdf>

Version: 2024-02-01

13  
papers

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#	ARTICLE	IF	CITATIONS
1	CheA Receptor Interaction Sites in Bacterial Chemotaxis. <i>Journal of Molecular Biology</i> , 2012, 422, 282-290.	4.2	42
2	An Engineered Self-Sufficient Biocatalyst Enables Scalable Production of Linear $\alpha$ -Olefins from Carboxylic Acids. <i>ACS Catalysis</i> , 2018, 8, 5794-5798.	11.2	42
3	Computational and Experimental Analyses Reveal the Essential Roles of Interdomain Linkers in the Biological Function of Chemotaxis Histidine Kinase CheA. <i>Journal of the American Chemical Society</i> , 2012, 134, 16107-16110.	13.7	36
4	Appreciation of symmetry in natural product synthesis. <i>Natural Product Reports</i> , 2017, 34, 1345-1358.	10.3	21
5	Enzymatic Regio- and Enantioselective C-H Oxyfunctionalization of Fatty Acids. <i>ACS Catalysis</i> , 2021, 11, 10625-10630.	11.2	19
6	Directed Evolution of a Hydroxylase into a Decarboxylase for Synthesis of 1-Alkenes from Fatty Acids. <i>ACS Catalysis</i> , 2020, 10, 14375-14379.	11.2	16
7	Regulatory Role of an Interdomain Linker in the Bacterial Chemotaxis Histidine Kinase CheA. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	12
8	Biocatalytic Enantioselective $\alpha$ -Hydroxylation of Unactivated C-H Bonds in Aliphatic Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
9	Directed Evolution of a Tryptophan 2,3-Dioxygenase for the Diastereoselective Monooxygenation of Tryptophans. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3043-3047.	13.8	9
10	Recent Advances in the Total Synthesis of Tetramic Acid-Containing Natural Products. <i>Journal of Chemistry</i> , 2016, 2016, 1-13.	1.9	7
11	Exploring Anticancer Activities and Structure-Activity Relationships of Binuclear Oxidovanadium(IV) Complexes. <i>ACS Applied Bio Materials</i> , 2021, 4, 8571-8583.	4.6	7
12	Directed Evolution of a Tryptophan 2,3-Dioxygenase for the Diastereoselective Monooxygenation of Tryptophans. <i>Angewandte Chemie</i> , 2020, 132, 3067-3071.	2.0	6
13	Biocatalytic Enantioselective $\alpha$ -Hydroxylation of Unactivated C-H Bonds in Aliphatic Carboxylic Acids. <i>Angewandte Chemie</i> , 0, , .	2.0	0