

# Yujie Dai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

277

citations

10

h-index

16

g-index

27

ext. papers

359

ext. citations

4.6

avg, IF

2.94

L-index

#	Paper	IF	Citations
26	DFT investigation on the carbonate radical formation in the system containing carbon dioxide and hydroxyl free radical.. <i>Journal of Molecular Graphics and Modelling</i> , <b>2022</b> , 114, 108182	2.8	
25	Rational design of signal peptides for improved MtC1LPMO production in <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 175, 262-269	7.9	0
24	Structural Basis of Salicylic Acid Decarboxylase Reveals a Unique Substrate Recognition Mode and Access Channel. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11616-11625	5.7	0
23	Supplementary data for the mechanism research for depolymerization of cellulose induced by hydroxyl radical using GC-MS, reaction kinetics simulation and quantum chemistry computation. <i>Data in Brief</i> , <b>2020</b> , 29, 105329	1.2	1
22	Study on cellulose degradation induced by hydroxyl radical with cellobiose as a model using GC-MS, ReaxFF simulation and DFT computation. <i>Carbohydrate Polymers</i> , <b>2020</b> , 233, 115677	10.3	11
21	Construction of the R17L mutant of MtC1LPMO for improved lignocellulosic biomass conversion by rational point mutation and investigation of the mechanism by molecular dynamics simulations. <i>Bioresource Technology</i> , <b>2020</b> , 317, 124024	11	12
20	Discovery of Myricetin as a Potent Inhibitor of Human Flap Endonuclease 1, Which Potentially Can Be Used as Sensitizing Agent against HT-29 Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1656-1665	5.7	27
19	Preparation and Characterization of Acylcaramel. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 5614-5620	5.7	1
18	Physicochemical properties and digestibility of potato starch treated by ball milling with tea polyphenols. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 129, 207-213	7.9	32
17	Synthesis of $\beta$ -trifluoromethyl ethanone oximes via the three-component reaction of aryl-substituted ethylenes, tert-butyl nitrite, and the Langlois reagent. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3766-3770	5.2	9
16	Dioscin-6EO-acetate impairs migration of lung cancer cells through attenuations of MMP-2 and MMP-9 via NF- $\kappa$ B suppression. <i>Medicinal Chemistry Research</i> , <b>2019</b> , 28, 1-12	2.2	3
15	Mechanism for the depolymerization of cellulose under alkaline conditions. <i>Journal of Molecular Modeling</i> , <b>2018</b> , 24, 124	2	7
14	The catalytic activity for ginkgolic acid biodegradation, homology modeling and molecular dynamic simulation of salicylic acid decarboxylase. <i>Computational Biology and Chemistry</i> , <b>2018</b> , 75, 82-90	3.6	9
13	Supplementary data for the quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. <i>Data in Brief</i> , <b>2018</b> , 19, 2305-2310	1.2	
12	Quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. <i>Journal of Molecular Graphics and Modelling</i> , <b>2018</b> , 84, 174-181	2.8	3
11	Supplementary data for the mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Data in Brief</i> , <b>2017</b> , 15, 414-418	1.2	
10	The mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Carbohydrate Polymers</i> , <b>2017</b> , 178, 34-40	10.3	20

9	Synthesis and aromatase inhibitory evaluation of 4-N-nitrophenyl substituted amino-4H-1,2,4-triazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 4723-4730	3.4	21
8	Bacterial Species and Biochemical Characteristic Investigations of Nostoc flagelliforme Concentrates during its Storage. <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 648-58	3.3	3
7	The Vitro Fermentation of Six Functional Oligosaccharides by Clostridium butyricum TK2 and Clostridium butyricum CB8. <i>Food Science and Technology Research</i> , <b>2014</b> , 20, 1005-1011	0.8	7
6	Molecular docking and QSAR study on steroidal compounds as aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 5612-20	6.8	40
5	Fractionation and characterization of e-poly-l-lysine from Streptomyces albulus CGMCC 1986. <i>Food Science and Biotechnology</i> , <b>2010</b> , 19, 361-366	3	24
4	DFT and GA studies on the QSAR of 2-aryl-5-nitro-1H-indole derivatives as NorA efflux pump inhibitors. <i>Journal of Molecular Modeling</i> , <b>2008</b> , 14, 807-12	2	8
3	In vitro studies on the application of colloidal emulsion aphrons to drug overdose treatment. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 311, 165-71	6.5	4
2	Preparation and characterization of fine silver powder with colloidal emulsion aphrons. <i>Journal of Membrane Science</i> , <b>2006</b> , 281, 685-691	9.6	22
1	A new kind of dispersion colloidal emulsion aphrons. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 266, 97-105	5.1	13