

Yujie Dai

List of Publications by Citations

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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	Molecular docking and QSAR study on steroidal compounds as aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5612-20	6.8	40
25	Physicochemical properties and digestibility of potato starch treated by ball milling with tea polyphenols. <i>International Journal of Biological Macromolecules</i> , 2019 , 129, 207-213	7.9	32
24	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> , 2019 , 67, 1656-1665	5.7	27
23	Fractionation and characterization of e-poly-L-lysine from <i>Streptomyces albulus</i> CGMCC 1986. <i>Food Science and Biotechnology</i> , 2010 , 19, 361-366	3	24
22	Preparation and characterization of fine silver powder with colloidal emulsion aphrons. <i>Journal of Membrane Science</i> , 2006 , 281, 685-691	9.6	22
21	Synthesis and aromatase inhibitory evaluation of 4-N-nitrophenyl substituted amino-4H-1,2,4-triazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 4723-4730	3.4	21
20	The mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Carbohydrate Polymers</i> , 2017 , 178, 34-40	10.3	20
19	A new kind of dispersion colloidal emulsion aphrons. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 266, 97-105	5.1	13
18	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> , 2020 , 317, 124024	11	12
17	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> , 2020 , 233, 115677	10.3	11
16	The catalytic activity for ginkgolic acid biodegradation, homology modeling and molecular dynamic simulation of salicylic acid decarboxylase. <i>Computational Biology and Chemistry</i> , 2018 , 75, 82-90	3.6	9
15	Synthesis of β -trifluoromethyl ethanone oximes via the three-component reaction of aryl-substituted ethylenes, tert-butyl nitrite, and the Langlois reagent. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3766-3770	5.2	9
14	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> , 2008 , 14, 807-12	2	8
13	Mechanism for the depolymerization of cellulose under alkaline conditions. <i>Journal of Molecular Modeling</i> , 2018 , 24, 124	2	7
12	The Vitro Fermentation of Six Functional Oligosaccharides by <i>Clostridium butyricum</i> TK2 and <i>Clostridium butyricum</i> CB8. <i>Food Science and Technology Research</i> , 2014 , 20, 1005-1011	0.8	7
11	In vitro studies on the application of colloidal emulsion aphrons to drug overdose treatment. <i>International Journal of Pharmaceutics</i> , 2006 , 311, 165-71	6.5	4
10	Bacterial Species and Biochemical Characteristic Investigations of <i>Nostoc flagelliforme</i> Concentrates during its Storage. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 648-58	3.3	3

9	Dioscin-6ED-acetate impairs migration of lung cancer cells through attenuations of MMP-2 and MMP-9 via NF- κ B suppression. <i>Medicinal Chemistry Research</i> , 2019 , 28, 1-12	2.2	3
8	Quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. <i>Journal of Molecular Graphics and Modelling</i> , 2018 , 84, 174-181	2.8	3
7	Preparation and Characterization of Acylcaramel. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5614-5620	5.7	1
6	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> , 2020 , 29, 105329	1.2	1
5	Rational design of signal peptides for improved MtC1LPMO production in <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 175, 262-269	7.9	0
4	Structural Basis of Salicylic Acid Decarboxylase Reveals a Unique Substrate Recognition Mode and Access Channel. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 11616-11625	5.7	0
3	Supplementary data for the mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Data in Brief</i> , 2017 , 15, 414-418	1.2	
2	Supplementary data for the quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. <i>Data in Brief</i> , 2018 , 19, 2305-2310	1.2	
1	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> , 2022 , 114, 108182	2.8	