Yujie Dai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5498966/publications.pdf

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27	445	758635 12	713013 21
papers	citations	h-index	g-index

27	27	27	625
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physicochemical properties and digestibility of potato starch treated by ball milling with tea polyphenols. International Journal of Biological Macromolecules, 2019, 129, 207-213.	3.6	67
2	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. Journal of Agricultural and Food Chemistry, 2019, 67, 1656-1665.	2.4	54
3	Molecular docking and QSAR study on steroidal compounds as aromatase inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 5612-5620.	2.6	42
4	Fractionation and characterization of É›-poly-l-lysine from Streptomyces albulus CGMCC 1986. Food Science and Biotechnology, 2010, 19, 361-366.	1.2	37
5	The mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. Carbohydrate Polymers, 2017, 178, 34-40.	5.1	37
6	Synthesis and aromatase inhibitory evaluation of 4-N-nitrophenyl substituted amino-4H-1,2,4-triazole derivatives. Bioorganic and Medicinal Chemistry, 2016, 24, 4723-4730.	1.4	27
7	Preparation and characterization of fine silver powder with colloidal emulsion aphrons. Journal of Membrane Science, 2006, 281, 685-691.	4.1	24
8	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. Bioresource Technology, 2020, 317, 124024.	4.8	23
9	Study on cellulose degradation induced by hydroxyl radical with cellobiose as a model using GCâ€“MS, ReaxFF simulation and DFT computation. Carbohydrate Polymers, 2020, 233, 115677.	5.1	21
10	A new kind of dispersionâ€”colloidal emulsion aphrons. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 266, 97-105.	2.3	18
11	The Vitro Fermentation of Six Functional Oligosaccharides by Clostridium butyricum TK2 and Clostridium butyricum CB8. Food Science and Technology Research, 2014, 20, 1005-1011.	0.3	13
12	Synthesis of Î±-trifluoromethyl ethanone oximes via the three-component reaction of aryl-substituted ethylenes, tert-butyl nitrite, and the Langlois reagent. Organic Chemistry Frontiers, 2019, 6, 3766-3770.	2.3	13
13	The catalytic activity for ginkgolic acid biodegradation, homology modeling and molecular dynamic simulation of salicylic acid decarboxylase. Computational Biology and Chemistry, 2018, 75, 82-90.	1.1	12
14	Mechanism for the depolymerization of cellulose under alkaline conditions. Journal of Molecular Modeling, 2018, 24, 124.	0.8	11
15	DFT and GA Studies on the QSAR of 2-aryl-5-nitro-1H-indole derivatives as NorA Efflux Pump Inhibitors. Journal of Molecular Modeling, 2008, 14, 807-812.	0.8	9
16	Structural Basis of Salicylic Acid Decarboxylase Reveals a Unique Substrate Recognition Mode and Access Channel. Journal of Agricultural and Food Chemistry, 2021, 69, 11616-11625.	2.4	7
17	Quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. Journal of Molecular Graphics and Modelling, 2018, 84, 174-181.	1.3	5
18	Dioscin-6â€™-O-acetate impairs migration of lung cancer cells through attenuations of MMP-2 and MMP-9 via NF-ÎºB suppression. Medicinal Chemistry Research, 2019, 28, 1-12.	1.1	5

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19	Rational design of signal peptides for improved MtC1LPMO production in Bacillus amyloliquefaciens. International Journal of Biological Macromolecules, 2021, 175, 262-269.	3.6	5
20	In vitro studies on the application of colloidal emulsion aphrons to drug overdose treatment. International Journal of Pharmaceutics, 2006, 311, 165-171.	2.6	4
21	Bacterial Species and Biochemical Characteristic Investigations of Nostoc flagelliforme Concentrates during its Storage. Journal of Microbiology and Biotechnology, 2016, 26, 648-658.	0.9	4
22	Preparation and Characterization of Acylcaramel. Journal of Agricultural and Food Chemistry, 2019, 67, 5614-5620.	2.4	3
23	DFT investigation on the carbonate radical formation in the system containing carbon dioxide and hydroxyl free radical. Journal of Molecular Graphics and Modelling, 2022, 114, 108182.	1.3	3
24	Supplementary data for the mechanism research for depolymerization of cellulose induced by hydroxyl radical using GCâ€“MS, reaction kinetics simulation and quantum chemistry computation. Data in Brief, 2020, 29, 105329.	0.5	1
25	Supplementary data for the mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. Data in Brief, 2017, 15, 414-418.	0.5	0
26	Supplementary data for the quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. Data in Brief, 2018, 19, 2305-2310.	0.5	0
27	A density functional theory study on the mechanism of simultaneous trifluoromethylation and oximation of aryl-substituted ethylenes. Journal of Chemical Research, 2022, 46, 174751982211040.	0.6	0