

Liming Zhang

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.

46
papers

512
citations

15
h-index

21
g-index

47
ext. papers

637
ext. citations

3.7
avg, IF

3.89
L-index

#	Paper	IF	Citations
46	Physical, mechanical and antimicrobial properties of starch films incorporated with E-poly-L-lysine. <i>Food Chemistry</i> , 2015 , 166, 107-114	8.5	60
45	Structural and release properties of amylose inclusion complexes with ibuprofen. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 31, 101-107	4.5	35
44	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
43	A novel local search for unicost set covering problem using hyperedge configuration checking and weight diversity. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	31
42	Effect of methyl jasmonate on the ginsenoside content of Panax ginseng adventitious root cultures and on the genes involved in triterpene biosynthesis. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1973-1980 ³¹	2.8	31
41	Physicochemical properties, antioxidant and antibacterial activities of dialdehyde microcrystalline cellulose. <i>Cellulose</i> , 2017 , 24, 2287-2298	5.5	29
40	Study on physico-chemical properties of dialdehyde yam starch with different aldehyde group contents. <i>Thermochimica Acta</i> , 2011 , 512, 196-201	2.9	29
39	Study of Schiff base formation between dialdehyde cellulose and proteins, and its application for the deproteinization of crude polysaccharide extracts. <i>Industrial Crops and Products</i> , 2018 , 112, 532-540	5.9	27
38	Antitumor pathway of Rhizoma Paridis Saponins based on the metabolic regulatory network alterations in H22 hepatocarcinoma mice. <i>Steroids</i> , 2014 , 84, 17-21	2.8	24
37	Preparation and antibacterial activity of a cellulose-based Schiff base derived from dialdehyde cellulose and L-lysine. <i>Industrial Crops and Products</i> , 2020 , 145, 112126	5.9	21
36	Overdose Intake of Curcumin Initiates the Unbalanced State of Bodies. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2765-71	5.7	20
35	Antioxidant activity and in vitro digestibility of dialdehyde starches as influenced by their physical and structural properties. <i>Food Chemistry</i> , 2014 , 149, 296-301	8.5	18
34	Optimization and quality assessment of adventitious roots culture in Panax quinquefolium L.. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 713-719	2.6	17
33	A novel local search algorithm with configuration checking and scoring mechanism for the set k-covering problem. <i>International Transactions in Operational Research</i> , 2017 , 24, 1463-1485	2.9	16
32	Physicochemical characteristics of complexes between amylose and garlic bioactive components generated by milling activating method. <i>Food Research International</i> , 2018 , 105, 499-506	7	15
31	Global metabolic profiling for the study of Rhizoma Paridis saponins-induced hepatotoxicity in rats. <i>Environmental Toxicology</i> , 2017 , 32, 99-108	4.2	14
30	Production of flavonoids and polysaccharide by adding elicitor in different cellular cultivation processes of Glycyrrhiza uralensis Fisch. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 679-686	2.6	10

29	A restart local search algorithm for solving maximum set k-covering problem. <i>Neural Computing and Applications</i> , 2018 , 29, 755-765	4.8	9
28	Physical properties and loading capacity of gelatinized granular starches. <i>Industrial Crops and Products</i> , 2014 , 53, 323-329	5.9	9
27	Mechanism for the depolymerization of cellulose under alkaline conditions. <i>Journal of Molecular Modeling</i> , 2018 , 24, 124	2	7
26	Toxicological risks of Rhizoma paridis saponins in rats involved NF-B and Nrf2 signaling. <i>RSC Advances</i> , 2016 , 6, 31889-31897	3.7	7
25	Anti-fatigue activity of hemp leaves water extract and the related biochemical changes in mice. <i>Food and Chemical Toxicology</i> , 2021 , 150, 112054	4.7	7
24	Preparation of Dialdehyde Cellulose and Its Antibacterial Activity. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 545-553	0.2	5
23	Computing all minimal hitting sets by subset recombination. <i>Applied Intelligence</i> , 2018 , 48, 257-270	4.9	5
22	Reasoning on partially-ordered observations in online diagnosis of DESs. <i>AI Communications</i> , 2012 , 25, 285-294	0.8	4
21	Modeling of the bacterial inactivation kinetics of dialdehyde cellulose in aqueous suspension. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 920-926	7.9	4
20	Influence of step-wise aeration treatment on biomass and bioactive compounds of Panax ginseng adventitious root in balloon-type bubble bioreactor. <i>Research on Chemical Intermediates</i> , 2015 , 41, 623-629	2.8	3
19	Comparison of ginsenoside composition in native roots and cultured callus cells of Panax quinquefolium L.. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1363-1366	2.6	3
18	An Efficient Heuristic Algorithm for Solving Connected Vertex Cover Problem. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-10	1.1	3
17	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
16	Quality Evaluation of Lepidium meyenii (Maca) Based on HPLC and LC-MS Analysis of its Glucosinolates from Roots. <i>Food Analytical Methods</i> , 2017 , 10, 2143-2151	3.4	2
15	A novel approach for improving quality of health state with difference degree in circuit diagnosis. <i>Applied Intelligence</i> , 2018 , 48, 4371-4381	4.9	2
14	Efficient zonal diagnosis with maximum satisfiability. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	2
13	Improving the accuracy of defect diagnosis by test score based on fault free. <i>Electronics Letters</i> , 2020 , 56, 845-848	1.1	2
12	Core-guided method for constraint-based multi-objective combinatorial optimization. <i>Applied Intelligence</i> , 2021 , 51, 3865-3879	4.9	2

11	Preparation of 2,3-dialdehyde microcrystalline cellulose particles crosslinked with ϵ -poly-L-lysine and their antibacterial activity. <i>Cellulose</i> , 2021 , 28, 2833-2847	5.5	2
10	Variable quality checking for backbone computation. <i>Electronics Letters</i> , 2016 , 52, 1769-1771	1.1	1
9	Model of Traffic Path Choice Based on Game Theory and Induction Mechanism 2010 ,		1
8	Assessing Determinants of Service Quality on Customer Satisfaction: Study Cases of Superindo Minimarket. <i>Advanced Science Letters</i> , 2018 , 24, 2840-2843	0.1	0
7	Model-based diagnosis with improved implicit hitting set dualization. <i>Applied Intelligence</i> ,1	4.9	0
6	Evolutionary many-objective satisfiability solver for configuring software product lines. <i>Applied Intelligence</i> ,1	4.9	
5	. <i>IEEE Transactions on Reliability</i> , 2021 , 70, 1596-1610	4.6	
4	An Efficient Approach for Computing Conflict Sets Combining Failure Probability with SAT. <i>Lecture Notes in Computer Science</i> , 2018 , 48-58	0.9	
3	Fault recognition based test score for improving the accuracy of defect diagnosis. <i>Electronics Letters</i> , 2021 , 57, 597-599	1.1	
2	A Parallel Extension Rule-Based Algorithm for #SAT Problem Using Model-Counting Tree. <i>IEEE Access</i> , 2018 , 6, 41042-41049	3.5	
1	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	