Liming Zhang

List of Publications by Year in Descending Order

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	. *IEEE Transactions on Reliability*, **2021**, 70, 1596-1610	4.6	
45	Anti-fatigue activity of hemp leaves water extract and the related biochemical changes in mice. *Food and Chemical Toxicology*, **2021**, 150, 112054	4.7	7
44	Fault recognition based test score for improving the accuracy of defect diagnosis. *Electronics Letters*, **2021**, 57, 597-599	1.1	
43	Core-guided method for constraint-based multi-objective combinatorial optimization. *Applied Intelligence*, **2021**, 51, 3865-3879	4.9	2
42	Preparation of 2,3-dialdehyde microcrystalline cellulose particles crosslinked with ε-poly-L-lysine and their antibacterial activity. *Cellulose*, **2021**, 28, 2833-2847	5.5	2
41	Preparation and antibacterial activity of a cellulose-based Schiff base derived from dialdehyde cellulose and L-lysine. *Industrial Crops and Products*, **2020**, 145, 112126	5.9	21
40	Improving the accuracy of defect diagnosis by test score based on fault free. *Electronics Letters*, **2020**, 56, 845-848	1.1	2
39	Physicochemical properties and digestibility of potato starch treated by ball milling with tea polyphenols. *International Journal of Biological Macromolecules*, **2019**, 129, 207-213	7.9	32
38	Study of Schiff base formation between dialdehyde cellulose and proteins, and its application for the deproteinization of crude polysaccharide extracts. *Industrial Crops and Products*, **2018**, 112, 532-540	5.9	27
37	Mechanism for the depolymerization of cellulose under alkaline conditions. *Journal of Molecular Modeling*, **2018**, 24, 124	2	7
36	A restart local search algorithm for solving maximum set k-covering problem. *Neural Computing and Applications*, **2018**, 29, 755-765	4.8	9
35	A novel approach for improving quality of health state with difference degree in circuit diagnosis. *Applied Intelligence*, **2018**, 48, 4371-4381	4.9	2
34	Efficient zonal diagnosis with maximum satisfiability. *Science China Information Sciences*, **2018**, 61, 1	3.4	2
33	An Efficient Approach for Computing Conflict Sets Combining Failure Probability with SAT. *Lecture Notes in Computer Science*, **2018**, 48-58	0.9	
32	Assessing Determinants of Service Quality on Customer Satisfaction: Study Cases of Superindo Minimarket. *Advanced Science Letters*, **2018**, 24, 2840-2843	0.1	0
31	Preparation of Dialdehyde Cellulose and Its Antibacterial Activity. *Lecture Notes in Electrical Engineering*, **2018**, 545-553	0.2	5
30	Physicochemical characteristics of complexes between amylose and garlic bioactive components generated by milling activating method. *Food Research International*, **2018**, 105, 499-506	7	15

#	Reference	IF	Cites
29	Computing all minimal hitting sets by subset recombination. *Applied Intelligence*, **2018**, 48, 257-270	4.9	5
28	A Parallel Extension Rule-Based Algorithm for #SAT Problem Using Model-Counting Tree. *IEEE Access*, **2018**, 6, 41042-41049	3.5	
27	An Efficient Heuristic Algorithm for Solving Connected Vertex Cover Problem. *Mathematical Problems in Engineering*, **2018**, 2018, 1-10	1.1	3
26	Supplementary data for the quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. *Data in Brief*, **2018**, 19, 2305-2310	1.2	
25	Modeling of the bacterial inactivation kinetics of dialdehyde cellulose in aqueous suspension. *International Journal of Biological Macromolecules*, **2018**, 116, 920-926	7.9	4
24	Quantum chemical calculation of free radical substitution reaction mechanism of camptothecin. *Journal of Molecular Graphics and Modelling*, **2018**, 84, 174-181	2.8	3
23	Global metabolic profiling for the study of Rhizoma Paridis saponins-induced hepatotoxicity in rats. *Environmental Toxicology*, **2017**, 32, 99-108	4.2	14
22	A novel local search algorithm with configuration checking and scoring mechanism for the set k-covering problem. *International Transactions in Operational Research*, **2017**, 24, 1463-1485	2.9	16
21	A novel local search for unicost set covering problem using hyperedge configuration checking and weight diversity. *Science China Information Sciences*, **2017**, 60, 1	3.4	31
20	Physicochemical properties, antioxidant and antibacterial activities of dialdehyde microcrystalline cellulose. *Cellulose*, **2017**, 24, 2287-2298	5.5	29
19	Quality Evaluation of Lepidium meyenii (Maca) Based on HPLC and LC-MS Analysis of its Glucosinolates from Roots. *Food Analytical Methods*, **2017**, 10, 2143-2151	3.4	2
18	Variable quality checking for backbone computation. *Electronics Letters*, **2016**, 52, 1769-1771	1.1	1
17	Toxicological risks of Rhizoma paridis saponins in rats involved NF-κB and Nrf2 signaling. *RSC Advances*, **2016**, 6, 31889-31897	3.7	7
16	Overdose Intake of Curcumin Initiates the Unbalanced State of Bodies. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2765-71	5.7	20
15	Structural and release properties of amylose inclusion complexes with ibuprofen. *Journal of Drug Delivery Science and Technology*, **2016**, 31, 101-107	4.5	35
14	Influence of step-wise aeration treatment on biomass and bioactive compounds of Panax ginseng adventitious root in balloon-type bubble bioreactor. *Research on Chemical Intermediates*, **2015**, 41, 623-629	2.8	3
13	Physical, mechanical and antimicrobial properties of starch films incorporated with ϵ-poly-L-lysine. *Food Chemistry*, **2015**, 166, 107-114	8.5	60
12	Physical properties and loading capacity of gelatinized granular starches. *Industrial Crops and Products*, **2014**, 53, 323-329	5.9	9

11	Optimization and quality assessment of adventitious roots culture in Panax quinquefolium L.. *Acta Physiologiae Plantarum*, **2014**, 36, 713-719	2.6	17
10	Antioxidant activity and in vitro digestibility of dialdehyde starches as influenced by their physical and structural properties. *Food Chemistry*, **2014**, 149, 296-301	8.5	18
9	Antitumor pathway of Rhizoma Paridis Saponins based on the metabolic regulatory network alterations in H22 hepatocarcinoma mice. *Steroids*, **2014**, 84, 17-21	2.8	24
8	Effect of methyl jasmonate on the ginsenoside content of Panax ginseng adventitious root cultures and on the genes involved in triterpene biosynthesis. *Research on Chemical Intermediates*, **2013**, 39, 1973-1980	2.8	31
7	Production of flavonoids and polysaccharide by adding elicitor in different cellular cultivation processes of Glycyrrhiza uralensis Fisch. *Acta Physiologiae Plantarum*, **2013**, 35, 679-686	2.6	10
6	Comparison of ginsenoside composition in native roots and cultured callus cells of Panax quinquefolium L.. *Acta Physiologiae Plantarum*, **2013**, 35, 1363-1366	2.6	3
5	Reasoning on partially-ordered observations in online diagnosis of DESs. *AI Communications*, **2012**, 25, 285-294	0.8	4
4	Study on physico-chemical properties of dialdehyde yam starch with different aldehyde group contents. *Thermochimica Acta*, **2011**, 512, 196-201	2.9	29
3	Model of Traffic Path Choice Based on Game Theory and Induction Mechanism **2010**,		1
2	Evolutionary many-objective satisfiability solver for configuring software product lines. *Applied Intelligence*,1	4.9	
1	Model-based diagnosis with improved implicit hitting set dualization. *Applied Intelligence*,1	4.9	0