Liang Zhu

List of Publications by Year in Descending Order

28 papers	546 citations	14 h-index	23 g-index
29 ext. papers	683 ext. citations	4 avg, IF	4.2 L-index

#	Paper	IF	Citations
28	Preparation of Cu3(BTC)2/PVC mixed matrix membrane for pomegranate seed storage. *Journal of Food Process Engineering*, **2021**, 44, e13754	2.4	1
27	Acaricidal activity of the essential oil from Senecio cannabifolius and its constituents eucalyptol and camphor on engorged females and larvae of Rhipicephalus microplus (Acari: Ixodidae). *Experimental and Applied Acarology*, **2021**, 83, 411-426	2.1	2
26	Chemical composition and larvicidal activity against Aedes mosquitoes of essential oils from Arisaema fargesii. *Pest Management Science*, **2020**, 76, 534-542	4.6	13
25	A novel approach for simultaneous analysis of perchlorate (ClO) and bromate (BrO) in fruits and vegetables using modified QuEChERS combined with ultrahigh performance liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2019**, 270, 196-203	8.5	71
24	Development and comparison of single-step solid phase extraction and QuEChERS clean-up for the analysis of 7 mycotoxins in fruits and vegetables during storage by UHPLC-MS/MS. *Food Chemistry*, **2019**, 274, 471-479	8.5	75
23	Chemical composition and biological activity against Tribolium castaneum (Coleoptera: Tenebrionidae) of Artemisia brachyloba essential oil. *Industrial Crops and Products*, **2019**, 128, 29-37	5.9	29
22	Chemical composition and antimicrobial activities of essential oil from growing wild in Hunan Province, China. *Natural Product Research*, **2019**, 33, 2685-2688	2.3	1
21	A novel superchilling storage - ice glazing (SS-IG) approach using biopolymer-based composite hydrogel to delay microbiological spoilage and organic oxidation of preserved tilapia. *Journal of the Science of Food and Agriculture*, **2018**, 98, 5045-5051	4.3	5
20	Chemical composition and acaricidal activity of Arisaema anurans essential oil and its major constituents against Rhipicephalus microplus (Acari: Ixodidae). *Veterinary Parasitology*, **2018**, 261, 59-66	2.8	13
19	Larvicidal activity of Zanthoxylum acanthopodium essential oil against the malaria mosquitoes, Anopheles anthropophagus and Anopheles sinensis. *Malaria Journal*, **2018**, 17, 194	3.6	11
18	Graphene oxide supported titanium dioxide & ferroferric oxide hybrid, a magnetically separable photocatalyst with enhanced photocatalytic activity for tetracycline hydrochloride degradation. *RSC Advances*, **2017**, 7, 21287-21297	3.7	50
17	Enhanced antioxidant activity, antibacterial activity and hypoglycemic effect of luteolin by complexation with manganese(II) and its inhibition kinetics on xanthine oxidase. *RSC Advances*, **2017**, 7, 53385-53395	3.7	33
16	Synthesis and lead absorption properties of sintered activated carbon supported zero-valent iron nanoparticle. *Journal of Alloys and Compounds*, **2016**, 687, 326-333	5.7	17
15	Chinese medicines with sedative-hypnotic effects and their active components. *Sleep Medicine Reviews*, **2016**, 29, 108-18	10.2	27
14	Chemical composition and anti-inflammatory activities of essential oil from Trachydium roylei. *Journal of Food and Drug Analysis*, **2016**, 24, 602-609	7	16
13	Evaluation of the effects of frozen storage on the microstructure of tilapia (Perciformes: Cichlidae) through fractal dimension method. *LWT - Food Science and Technology*, **2015**, 64, 1283-1288	5.4	17
12	Synthesis and characterization of Ag nanoparticles decorated mesoporous sintered activated carbon with antibacterial and adsorptive properties. *Journal of Alloys and Compounds*, **2015**, 647, 1007-1012	5.7	26

11	Anti-inflammatory effect of selagin-7-O-(6W-O-acetyl-)-D-glycoside isolated from Cancrinia discoidea on lipopolysaccharide-induced mouse macrophage RAW 264.7 cells. *EXCLI Journal*, **2014**, 13, 1088-96	2.4	
10	Anti-inflammatory activity and chemical composition of the essential oils from Senecio flammeus. *EXCLI Journal*, **2014**, 13, 782-91	2.4	5
9	Chemical composition and larvicidal activity of essential oil of Artemisia gilvescens against Anopheles anthropophagus. *Parasitology Research*, **2013**, 112, 1137-42	2.4	26
8	Anthelmintic activity of Arisaema franchetianum and Arisaema lobatum essential oils against Haemonchus contortus. *Journal of Ethnopharmacology*, **2013**, 148, 311-6	5	26
7	Correlation between pesticide resistance and enzyme activity in the diamondback moth, Plutella xylostella. *Journal of Insect Science*, **2013**, 13, 135		34
6	28-day repeated dose oral toxicity of human copper-zinc superoxide dismutase from recombinant Pichia pastori in rats. *Drug and Chemical Toxicology*, **2012**, 35, 155-61	2.3	
5	Antioxidant and antimicrobial activities of essential oil and extracts of Saurauia lantsangensis hu root. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2012**, 67, 282-90	1.7	
4	Chemical composition and larvicidal effects of essential oil of Blumea martiniana against Anopheles anthropophagus. *Asian Pacific Journal of Tropical Medicine*, **2011**, 4, 371-4	2.1	12
3	Chemical composition and larvicidal activity of Blumea densiflora essential oils against Anopheles anthropophagus: a malarial vector mosquito. *Parasitology Research*, **2011**, 109, 1417-22	2.4	23
2	Evaluation of the in vivo anti-inflammatory activity of a flavone glycoside from Cancrinia discoidea (Ledeb.) Poljak. *EXCLI Journal*, **2011**, 10, 110-116	2.4	7
1	Chemical composition and antimicrobial activities of essential oil of Blumea megacephala. *EXCLI Journal*, **2011**, 10, 62-68	2.4	6