

# Zhongxin Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

487  
citations

932766

10  
h-index

1058022

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage of <i>Escherichia coli</i> membrane by bactericidal agent polyhexamethylene guanidine hydrochloride: micrographic evidences. <i>Journal of Applied Microbiology</i> , 2010, 108, 898-907.	1.4	120
2	A carvacrol-thymol blend decreased intestinal oxidative stress and influenced selected microbes without changing the messenger RNA levels of tight junction proteins in jejunal mucosa of weaning piglets. <i>Animal</i> , 2017, 11, 193-201.	1.3	106
3	Extensive in vitro activity of guanidine hydrochloride polymer analogs against antibiotics-resistant clinically isolated strains. <i>Materials Science and Engineering C</i> , 2011, 31, 1836-1843.	3.8	57
4	Polyhexamethylene guanidine hydrochloride shows bactericidal advantages over chlorhexidine digluconate against ESKAPE bacteria. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 268-274.	1.4	33
5	Corn cob hydrolysate, an efficient substrate for <i>Mycosporina</i> pigment production through submerged fermentation. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 716-723.	1.4	29
6	Screening of <i>Ganoderma</i> strains with high polysaccharides and ganoderic acid contents and optimization of the fermentation medium by statistical methods. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 1789-1797.	1.7	29
7	Interactions of biocidal guanidine hydrochloride polymer analogs with model membranes: a comparative biophysical study. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 729-737.	0.9	28
8	Effects of dietary oregano essential oil and vitamin E supplementation on meat quality, stress response and intestinal morphology in pigs following transport stress. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 328-335.	0.3	25
9	Applications of new functions for inducing host defense peptides and synergy sterilization of medium chain fatty acids in substituting in-feed antibiotics. <i>Journal of Functional Foods</i> , 2019, 52, 348-359.	1.6	14
10	Dietary supplementation of total flavonoids from <i>Rhizoma Drynariae</i> improves bone health in older caged laying hens. <i>Poultry Science</i> , 2020, 99, 5047-5054.	1.5	13
11	Untargeted metabolomics revealed therapeutic mechanisms of icariin on low bone mineral density in older caged laying hens. <i>Food and Function</i> , 2020, 11, 3201-3212.	2.1	12
12	Interactions of Biocidal Polyhexamethylene Guanidine Hydrochloride and Its Analogs with POPC Model Membranes. <i>Polymers</i> , 2017, 9, 517.	2.0	10
13	Icariin protects against cage layer osteoporosis by intervening in steroid biosynthesis and glycerophospholipid metabolism. <i>Animal Diseases</i> , 2021, 1, .	0.6	7
14	Microscopic Examination of Polymeric Monoguanidine, Hydrochloride-Induced Cell Membrane Damage in Multidrug-Resistant <i>Pseudomonas aeruginosa</i> . <i>Polymers</i> , 2017, 9, 398.	2.0	4