

# Xuan-Wei Zhou

## List of Publications by Year in descending order

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58  
papers

2,027  
citations

304743

22  
h-index

243625

44  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cordyceps fungi: natural products, pharmacological functions and developmental products. Journal of Pharmacy and Pharmacology, 2009, 61, 279-291.	2.4	284
2	A review: recent advances and future prospects of taxol-producing endophytic fungi. Applied Microbiology and Biotechnology, 2010, 86, 1707-1717.	3.6	188
3	<i>Ganodermataceae</i> : Natural Products and Their Related Pharmacological Functions. The American Journal of Chinese Medicine, 2007, 35, 559-574.	3.8	126
4	Cordyceps fungi: natural products, pharmacological functions and developmental products. Journal of Pharmacy and Pharmacology, 2009, 61, 279-291.	2.4	113
5	Effect of dietary probiotic, <i>Bacillus coagulans</i> , on growth performance, chemical composition, and meat quality of Guangxi Yellow chicken. Poultry Science, 2010, 89, 588-593.	3.4	112
6	Expression and characteristics of manganese peroxidase from <i>Ganoderma lucidum</i> in <i>Pichia pastoris</i> and its application in the degradation of four dyes and phenol. BMC Biotechnology, 2017, 17, 19.	3.3	96
7	miR-625 suppresses tumour migration and invasion by targeting IGF2BP1 in hepatocellular carcinoma. Oncogene, 2015, 34, 965-977.	5.9	87
8	Applied modern biotechnology for cultivation of <i>Ganoderma</i> and development of their products. Applied Microbiology and Biotechnology, 2012, 93, 941-963.	3.6	84
9	Advances in research of the artificial cultivation of <i>Ophiocordyceps sinensis</i> in China. Critical Reviews in Biotechnology, 2014, 34, 233-243.	9.0	77
10	Recent status and prospects of the fungal immunomodulatory protein family. Critical Reviews in Biotechnology, 2011, 31, 365-375.	9.0	63
11	Lumbar hernia: Clinical analysis of 11 cases. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2004, 8, 260-3.	2.0	60
12	Ligninolytic enzymes from <i>Ganoderma</i> spp: Current status and potential applications. Critical Reviews in Microbiology, 2013, 39, 416-426.	6.1	48
13	Screening of taxol-producing endophytic fungi from <i>Taxus chinensis</i> var. <i>mairei</i> . Applied Biochemistry and Microbiology, 2007, 43, 439-443.	0.9	46
14	Fungal immunomodulatory proteins: characteristic, potential antitumor activities and their molecular mechanisms. Drug Discovery Today, 2019, 24, 307-314.	6.4	46
15	High-throughput sequencing-based analysis of endogenetic fungal communities inhabiting the Chinese <i>Cordyceps</i> reveals unexpectedly high fungal diversity. Scientific Reports, 2016, 6, 33437.	3.3	45
16	Recombinant FIP-gat, a Fungal Immunomodulatory Protein from <i>Ganoderma atrum</i> , Induces Growth Inhibition and Cell Death in Breast Cancer Cells. Journal of Agricultural and Food Chemistry, 2016, 64, 2690-2698.	5.2	44
17	Investigation and analysis of microbiological communities in natural <i>Ophiocordyceps sinensis</i> . Canadian Journal of Microbiology, 2015, 61, 104-111.	1.7	37
18	Cytokines Expression Induced by <i>Ganoderma sinensis</i> Fungal Immunomodulatory Proteins (FIP-gsi) in Mouse Spleen Cells. Applied Biochemistry and Biotechnology, 2010, 162, 1403-1413.	2.9	34

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19	Genomic Cloning and Characterization of a FIP-gsi Gene Encoding a Fungal Immunomodulatory Protein from <i>Ganoderma sinense</i> Zhao et al. (Aphyllophoromycetidae). <i>International Journal of Medicinal Mushrooms</i> , 2009, 11, 77-86.	1.5	32
20	Immunomodulatory activity of <i>Ganoderma lucidum</i> immunomodulatory protein via PI3K/Akt and MAPK signaling pathways in RAW264.7 cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 23337-23348.	4.1	27
21	Î±-glucosidase inhibitory constituents from <i>Toona sinensis</i> . <i>Chemistry of Natural Compounds</i> , 2009, 45, 244-246.	0.8	25
22	Ethanol adaptation induces direct protection and cross-protection against freezing stress in <i>Salmonella enterica</i> serovar Enteritidis. <i>Journal of Applied Microbiology</i> , 2016, 120, 697-704.	3.1	23
23	Production and functional characterization of a novel fungal immunomodulatory protein FIP-SN15 shuffled from two genes of <i>Ganoderma</i> species. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5967-5975.	3.6	22
24	Immunostimulatory effects of the intracellular polysaccharides isolated from liquid culture of <i>Ophiocordyceps sinensis</i> (Ascomycetes) on RAW264.7 cells via the MAPK and PI3K/Akt signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114130.	4.1	21
25	Pyrosequencing analysis revealed complex endogenetic microorganism community from natural DongChong XiaCao and its microhabitat. <i>BMC Microbiology</i> , 2016, 16, 196.	3.3	20
26	Comparison of Rapid DNA Extraction Methods Applied to PCR Identification of Medicinal Mushroom <i>Ganoderma</i> spp.. <i>Preparative Biochemistry and Biotechnology</i> , 2007, 37, 369-380.	1.9	18
27	Dependence of Competitive Grain Growth on Secondary Dendrite Orientation During Directional Solidification of a Ni-based Superalloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 5113-5121.	2.2	18
28	SPE-UPLC-MS/MS for the determination of phthalate monoesters in rats urine and its application to study the effects of food emulsifier on the bioavailability of priority controlling PAEs. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1012-1013, 97-105.	2.3	18
29	In vitro rapid evolution of fungal immunomodulatory proteins by DNA family shuffling. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2455-2465.	3.6	17
30	Effects of enrofloxacin on antioxidant system, microsomal enzymatic activity, and proteomics in porcine liver. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 562-571.	1.3	15
31	Laparoscopic appendiceal interposition pyeloplasty for long ureteric strictures in children. <i>Journal of Pediatric Urology</i> , 2018, 14, 551.e1-551.e5.	1.1	15
32	<i>Ganoderma</i> proteins and their potential applications in cosmetics. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9239-9250.	3.6	15
33	Composition and predictive functional analysis of bacterial communities inhabiting Chinese <i>Cordyceps</i> insight into conserved core microbiome. <i>BMC Microbiology</i> , 2019, 19, 105.	3.3	15
34	In vitro Synthesis of a Recombinant Fungal Immunomodulatory Protein from Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (W.Curt.:Fr.) P.Karst. (Aphyllophoromycetidae) and Analysis of Its Immunomodulatory Activity. <i>International Journal of Medicinal Mushrooms</i> , 2010, 12, 347-358.	1.5	14
35	Application of quantitative contrast-enhanced ultrasound for evaluation and guiding biopsy of peripheral pulmonary lesions: a preliminary study. <i>Clinical Radiology</i> , 2020, 75, 79.e19-79.e24.	1.1	13
36	Characterization of a novel fungal immunomodulatory protein, FIP-SJ75 shuffled from <i>Ganoderma lucidum</i> , <i>Flammulina velutipes</i> and <i>Volvariella volvacea</i> . <i>Food and Agricultural Immunology</i> , 2019, 30, 1253-1270.	1.4	11

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37	Expression and characteristic of the Cu/Zn superoxide dismutase gene from the insect parasitizing fungus <i>Cordyceps militaris</i> . <i>Molecular Biology Reports</i> , 2012, 39, 10303-10311.	2.3	10
38	Cloning and analysis of a functional promoter of fungal immunomodulatory protein from <i>Flammulina velutipes</i> . <i>Molecular Biology Reports</i> , 2014, 41, 4381-4387.	2.3	8
39	<i>N</i> -Glycosylated <i>Ganoderma lucidum</i> immunomodulatory protein improved anti-inflammatory activity via inhibition of the p38 MAPK pathway. <i>Food and Function</i> , 2021, 12, 3393-3404.	4.6	8
40	Stem cell programs are retained in human leukemic lymphoblasts. <i>Oncogene</i> , 2015, 34, 2083-2093.	5.9	7
41	First Report of <i>Meloidogyne graminicola</i> Infecting Banana in China. <i>Plant Disease</i> , 2015, 99, 420-420.	1.4	7
42	Optimization of the fermentation parameters for the production of <i>Ganoderma lucidum</i> immunomodulatory protein by <i>Pichia pastoris</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 357-364.	1.9	6
43	First Report of <i>Meloidogyne enterolobii</i> on Carrot in China. <i>Plant Disease</i> , 2014, 98, 1019-1019.	1.4	6
44	Screening of taxol-producing endophytic fungi from <i>Taxus chinensis</i> var. <i>mairei</i> . <i>Prikladnaia Biokhimiia i Mikrobiologiia</i> , 2007, 43, 490-4.	0.4	5
45	Molecular cloning and characterization of cold-responsive gene <i>Cbrci35</i> from <i>Capsella bursa-pastoris</i> . <i>Biologia (Poland)</i> , 2007, 62, 690-696.	1.5	4
46	Association of FLAIR vascular hyperintensity and acute MCA stroke outcome changes with the severity of leukoaraiosis. <i>Neurological Sciences</i> , 2020, 41, 3209-3218.	1.9	4
47	The development of biotechnology education in China. <i>Biochemistry and Molecular Biology Education</i> , 2006, 34, 141-147.	1.2	3
48	Effects of assist parameter on the performance of proportional assist ventilation in a lung model of chronic obstructive pulmonary disease. <i>Respiratory Medicine and Research</i> , 2020, 78, 100766.	0.6	3
49	Cloning and Characterization of Promoters of the Fungal Immunomodulatory Protein Genes from <i>Ganoderma</i> spp. (Agaricomycetes) and Their Response to Methyl Jasmonate and Salicylic Acid. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 177-189.	1.5	3
50	Statistical Optimization of Polysaccharides Production by the Lingzhi or Reishi Medicinal Mushroom <i>Ganoderma lucidum</i> (Agaricomycetes) in Solid-State Fermentation Using Highland Barley Grains. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 1033-1041.	1.5	3
51	Participation in research program. <i>Biochemistry and Molecular Biology Education</i> , 2007, 35, 322-327.	1.2	2
52	High temperature full-field strain measurement based on digital image correlation during arc welding. , 2016, , .		2
53	Identification and Bioactive Potential of Endogenetic Fungi Isolated from Medicinal Caterpillar Fungus <i>Ophiocordyceps sinensis</i> from Tibetan Plateau. <i>International Journal of Agriculture and Biology</i> , 2017, 19, 307-313.	0.4	2
54	A sub-10ps resolution current discriminator for timing applications. , 2012, , .		1

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55	Cloning of Mating-Type Gene MAT1-1 from the Caterpillar Medicinal Mushroom, <i>Cordyceps militaris</i> (Ascomycetes) Using TAIL-PCR Technology. <i>International Journal of Medicinal Mushrooms</i> , 2014, 16, 449-461.	1.5	1
56	Enhancing Film Effective Permeability with Surface Pattern for Sensor Applications. , 2019, , .		0
57	Catalytic hydroconversion of oxydibenzene to cyclohexane over bifunctional Ni/H <sup>+</sup> . <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 167-174.	2.3	0
58	Screening of engineered <i>Pichia pastoris</i> mutant with enhanced production of a functional rFIP <sub>α</sub> glu protein and investigating its potential bioactivities. <i>Letters in Applied Microbiology</i> , 2021, 73, 770-778.	2.2	0