

# Jian Wen Wang

## List of Publications by Year in descending order

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72  
papers

2,446  
citations

186265  
28  
h-index

214800  
47  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanum: A novel inducer for enhancement of fungal laccase production by <i>Shiraia bambusicola</i> . <i>Journal of Rare Earths</i> , 2022, 40, 508-516.	4.8	4
2	Effects of Blue Light on Hypocrellin A Production in <i>Shiraia</i> Mycelium Cultures. <i>Photochemistry and Photobiology</i> , 2022, 98, 1343-1354.	2.5	2
3	Nitric oxide donor sodium nitroprusside-induced transcriptional changes and hypocrellin biosynthesis of <i>Shiraia</i> sp. S9. <i>Microbial Cell Factories</i> , 2021, 20, 92.	4.0	13
4	Research on Obstacle Avoidance Strategy and Method of UR Manipulator. , 2021, , .		1
5	Biotransformation of artemisinic acid to bioactive derivatives by endophytic <i>Penicillium oxalicum</i> B4 from <i>Artemisia annua</i> L.. <i>Phytochemistry</i> , 2021, 185, 112682.	2.9	11
6	The signaling role of extracellular ATP in co-culture of <i>Shiraia</i> sp. S9 and <i>Pseudomonas fulva</i> SB1 for enhancing hypocrellin A production. <i>Microbial Cell Factories</i> , 2021, 20, 144.	4.0	10
7	Endophytes in <i>Artemisia annua</i> L.: new potential regulators for plant growth and artemisinin biosynthesis. <i>Plant Growth Regulation</i> , 2021, 95, 293-313.	3.4	10
8	Research on Machining Archimedes Worm by Internal Whirlwind Milling. , 2021, , .		0
9	Stimulation of tanshinone production in <i>Salvia miltiorrhiza</i> hairy roots by $\beta$ -cyclodextrin-coated silver nanoparticles. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 18, 100271.	3.3	10
10	Nitric Oxide and Hydrogen Peroxide Signaling in Extractive <i>Shiraia</i> Fermentation by Triton X-100 for Hypocrellin A Production. <i>International Journal of Molecular Sciences</i> , 2020, 21, 882.	4.1	18
11	A method for analyzing abnormality of automobile sunroof manufacturing process by using Bayesian method. , 2020, , .		1
12	Inducing perylenequinone production from a bambusicolous fungus <i>Shiraia</i> sp. S9 through co-culture with a fruiting body-associated bacterium <i>Pseudomonas fulva</i> SB1. <i>Microbial Cell Factories</i> , 2019, 18, 121.	4.0	26
13	Bacteria Associated With <i>Shiraia</i> Fruiting Bodies Influence Fungal Production of Hypocrellin A. <i>Frontiers in Microbiology</i> , 2019, 10, 2023.	3.5	21
14	Adding bamboo charcoal powder to <i>Shiraia bambusicola</i> preculture improves hypocrellin A production. <i>Sustainable Chemistry and Pharmacy</i> , 2019, 14, 100191.	3.3	4
15	Enhanced Production of Hypocrellin A in Submerged Cultures of <i>Shiraia bambusicola</i> by Red Light. <i>Photochemistry and Photobiology</i> , 2019, 95, 812-822.	2.5	17
16	Lanthanum elicitation on hypocrellin A production in mycelium cultures of <i>Shiraia bambusicola</i> is mediated by ROS generation. <i>Journal of Rare Earths</i> , 2019, 37, 895-902.	4.8	22
17	Improved hypocrellin A production in <i>Shiraia bambusicola</i> by light-dark shift. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 182, 100-107.	3.8	32
18	Efficient degradation of triclosan by an endophytic fungus <i>Penicillium oxalicum</i> B4. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8963-8975.	5.3	45

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19	Effect of down-regulating 1-deoxy-d-xylulose-5-phosphate reductoisomerase by RNAi on growth and artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Plant Growth Regulation</i> , 2018, 84, 549-559.	3.4	7
20	Effects of 5-Azacytidine on Growth and Hypocrellin Production of <i>Shiraia bambusicola</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2508.	3.5	16
21	Deciphering transcriptome profiles of tetraploid <i>Artemisia annua</i> plants with high artemisinin content. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 112-126.	5.8	11
22	Comparative Transcriptome Analysis Identifies Genes Putatively Involved in 20-Hydroxyecdysone Biosynthesis in <i>Cyanotis arachnoidea</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1885.	4.1	4
23	Glucose-6-phosphate dehydrogenase plays critical role in artemisinin production of <i>Artemisia annua</i> under salt stress. <i>Biologia Plantarum</i> , 2017, 61, 529-539.	1.9	9
24	Enhanced production of hypocrellin A by ultrasound stimulation in submerged cultures of <i>Shiraia bambusicola</i> . <i>Ultrasonics Sonochemistry</i> , 2017, 38, 214-224.	8.2	44
25	Cloning and characterization of an expansin gene AbEXP from <i>Achyranthes bidentata</i> . <i>Plant Growth Regulation</i> , 2017, 83, 479-487.	3.4	3
26	Transcriptomic responses involved in enhanced production of hypocrellin A by addition of Triton X-100 in submerged cultures of <i>Shiraia bambusicola</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1415-1429.	3.0	41
27	Biosynthesis of silver nanoparticles using <i>Artemisia annua</i> callus for inhibiting stem-end bacteria in cut carnation flowers. <i>IET Nanobiotechnology</i> , 2017, 11, 185-192.	3.8	12
28	Molecular characterization of an elicitor-responsive 3-hydroxy-3-methylglutaryl coenzyme A reductase gene involved in oleanolic acid production in cell cultures of <i>Achyranthes bidentata</i> . <i>Plant Growth Regulation</i> , 2017, 81, 335-343.	3.4	7
29	Antioxidant and DNA Damage Protecting Activity of Exopolysaccharides from the Endophytic Bacterium <i>Bacillus cereus</i> SZ1. <i>Molecules</i> , 2016, 21, 174.	3.8	45
30	Biosynthesis of Silver Nanoparticles Using <i>Taxus yunnanensis</i> Callus and Their Antibacterial Activity and Cytotoxicity in Human Cancer Cells. <i>Nanomaterials</i> , 2016, 6, 160.	4.1	57
31	Nitrate reductase mutation alters potassium nutrition as well as nitric oxide-mediated control of guard cell ion channels in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2016, 209, 1456-1469.	7.3	93
32	PEGylation of cytochrome c at the level of lysine residues mediated by a microbial transglutaminase. <i>Biotechnology Letters</i> , 2016, 38, 1121-1129.	2.2	13
33	The influence of endophytic <i>Penicillium oxalicum</i> B4 on growth and artemisinin biosynthesis of in vitro propagated plantlets of <i>Artemisia annua</i> L.. <i>Plant Growth Regulation</i> , 2016, 80, 93-102.	3.4	25
34	The microbial transglutaminase immobilization on carboxylated poly(N-isopropylacrylamide) for thermo-responsivity. <i>Enzyme and Microbial Technology</i> , 2016, 87-88, 44-51.	3.2	14
35	Cytoprotective role of nitric oxide in HepG2 cell apoptosis induced by hypocrellin B photodynamic treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 366-373.	3.8	7
36	Synergistic effects of ultraviolet-B and methyl jasmonate on tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> hairy roots. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 159, 93-100.	3.8	50

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37	Negative-Pressure Cavitation Extraction of Secoisolariciresinol Diglycoside from Flaxseed Cakes. <i>Molecules</i> , 2015, 20, 11076-11089.	3.8	12
38	Antioxidant Properties and PC12 Cell Protective Effects of a Novel Curcumin Analogue (2E,6E)-2,6-Bis(3,5-dimethoxybenzylidene)cyclohexanone (MCH). <i>International Journal of Molecular Sciences</i> , 2014, 15, 3970-3988.	4.1	14
39	Glucocalyxin A and B Regulate Growth and Induce Oxidative Stress in Lettuce ( <i>Lactuca sativa</i> L.) Roots. <i>Journal of Plant Growth Regulation</i> , 2014, 33, 384-396.	5.1	8
40	Transcriptome responses involved in artemisinin production in <i>Artemisia annua</i> L. under UV-B radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 292-300.	3.8	55
41	Cloning and characterization of an elicitor-responsive gene encoding 3-hydroxy-3-methylglutaryl coenzyme A reductase involved in 20-hydroxyecdysone production in cell cultures of <i>Cyanotis arachnoidea</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 84, 1-9.	5.8	36
42	Propagation of <i>Salvia miltiorrhiza</i> from hairy root explants via somatic embryogenesis and tanshinone content in obtained plants. <i>Industrial Crops and Products</i> , 2013, 50, 648-653.	5.2	22
43	GS-2, a pyrazolo[1,5-a]indole derivative with inhibitory activity of topoisomerases, exerts its potent cytotoxic activity by ROS generation. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1186-1196.	4.0	5
44	Effective Elicitors and Process Strategies for Enhancement of Secondary Metabolite Production in Hairy Root Cultures. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, 134, 55-89.	1.1	56
45	Influences of bearing housing deflection on vibration performance of cylinder roller bearing's rotor system. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2013, 227, 106-114.	0.8	14
46	Cerebroside C Increases Tolerance to Chilling Injury and Alters Lipid Composition in Wheat Roots. <i>PLoS ONE</i> , 2013, 8, e73380.	2.5	80
47	Stimulation of Artemisinin Production in <i>Artemisia annua</i> Hairy Roots by Ag-SiO <sub>2</sub> Core-shell Nanoparticles. <i>Current Nanoscience</i> , 2013, 9, 363-370.	1.2	128
48	Glucocalyxin A and B-induced Cell Death is Related to GSH Perturbation in Human Leukemia HL-60 Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 1280-1290.	1.7	12
49	Cytotoxic Activities and DNA Binding Properties of 1-Methyl-7-hydroxy-1H-indeno[1,2-b]quinolinium-7-(4-dimethylamino) Benzylidene Triflate. <i>DNA and Cell Biology</i> , 2012, 31, 1046-1053.	1.9	14
50	ANTIOXIDANT POTENTIAL AND DNA DAMAGE PROTECTING ACTIVITY OF AQUEOUS EXTRACT FROM <i>ARMILLARIA MELLEA</i> . <i>Journal of Food Biochemistry</i> , 2012, 36, 139-148.	2.9	13
51	Nitric oxide elicitation for secondary metabolite production in cultured plant cells. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 455-466.	3.6	74
52	Glucocalyxin A induces apoptosis in human leukemia HL-60 cells through mitochondria-mediated death pathway. <i>Toxicology in Vitro</i> , 2011, 25, 51-63.	2.4	59
53	Tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> and production in plant tissue cultures. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 437-449.	3.6	118
54	A Minimal Cysteine Motif Required to Activate the SKOR K <sup>+</sup> Channel of <i>Arabidopsis</i> by the Reactive Oxygen Species H <sub>2</sub> O <sub>2</sub> <sup>*</sup> . <i>Journal of Biological Chemistry</i> , 2010, 285, 29286-29294.	3.4	111

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55	Vibratory behaviors of Jeffcott system on cylindrical roller bearings. <i>Frontiers of Mechanical Engineering in China</i> , 2009, 4, 305.	0.4	0
56	Stimulation of artemisinin synthesis by combined cerebroside and nitric oxide elicitation in <i>Artemisia annua</i> hairy roots. <i>Applied Microbiology and Biotechnology</i> , 2009, 85, 285-292.	3.6	65
57	Immobilization of alliinase with a water soluble insoluble reversible N-succinyl-chitosan for allicin production. <i>Enzyme and Microbial Technology</i> , 2009, 45, 299-304.	3.2	44
58	Nitric Oxide Potentiates Oligosaccharide-induced Artemisinin Production in <i>Artemisia annua</i> Hairy Roots. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 49-55.	8.5	46
59	A proposed measurement method for void fraction in lubricant oil based on the image processing technique. <i>Review of Scientific Instruments</i> , 2008, 79, 023101.	1.3	0
60	Stimulation of taxane production in suspension cultures of <i>Taxus yunnanensis</i> by oligogalacturonides. <i>African Journal of Biotechnology</i> , 2008, 7, 1924-1926.	0.6	3
61	Involvement of nitric oxide in cerebroside-induced defense responses and taxol production in <i>Taxus yunnanensis</i> suspension cells. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 1183-1190.	3.6	28
62	Involvement of nitric oxide in oxidative burst, phenylalanine ammonia-lyase activation and Taxol production induced by low-energy ultrasound in <i>Taxus yunnanensis</i> cell suspension cultures. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 15, 351-358.	2.7	136
63	Laccase production by <i>Monotospora</i> sp., an endophytic fungus in <i>Cynodon dactylon</i> . <i>Bioresource Technology</i> , 2006, 97, 786-789.	9.6	61
64	Nitric Oxide is Involved in Methyl Jasmonate-induced Defense Responses and Secondary Metabolism Activities of <i>Taxus</i> Cells. <i>Plant and Cell Physiology</i> , 2005, 46, 923-930.	3.1	142
65	Immobilization of glucose oxidase on chitosan-SiO <sub>2</sub> gel. <i>Enzyme and Microbial Technology</i> , 2004, 34, 126-131.	3.2	92
66	Simultaneous production of anthocyanin and triterpenoids in suspension cultures of <i>Perilla frutescens</i> . <i>Enzyme and Microbial Technology</i> , 2004, 34, 651-656.	3.2	21
67	Involvement of nitric oxide in elicitor-induced defense responses and secondary metabolism of <i>Taxus chinensis</i> cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2004, 11, 298-306.	2.7	42
68	Free radical scavenging and antioxidant activities of EPS2, an exopolysaccharide produced by a marine filamentous fungus <i>Keissleriella</i> sp. YS 4108. <i>Life Sciences</i> , 2004, 75, 1063-1073.	4.3	102
69	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1153-1156.	2.2	38
70	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1573-1577.	2.2	15
71	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 857-860.	2.2	64
72	Antifungal Properties of Ag-SiO <sub>2</sub> Core-Shell Nanoparticles against Phytopathogenic Fungi. <i>Advanced Materials Research</i> , 0, 476-478, 814-818.	0.3	11