

# Jian-Yong Wu

## List of Publications by Citations

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222  
papers

7,441  
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54  
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234  
ext. papers

8,412  
ext. citations

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#	Paper	IF	Citations
222	Ultrasound-assisted extraction of ginseng saponins from ginseng roots and cultured ginseng cells. <i>Ultrasonics Sonochemistry</i> , <b>2001</b> , 8, 347-52	8.9	246
221	Effects of biotic and abiotic elicitors on cell growth and tanshinone accumulation in <i>Salvia miltiorrhiza</i> cell cultures. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 87, 137-44	5.7	189
220	Production of ginseng and its bioactive components in plant cell culture: current technological and applied aspects. <i>Journal of Biotechnology</i> , <b>1999</b> , 68, 89-99	3.7	174
219	Chemical properties and antioxidant activity of exopolysaccharides from mycelial culture of <i>Cordyceps sinensis</i> fungus Cs-HK1. <i>Food Chemistry</i> , <b>2009</b> , 114, 1251-1256	8.5	156
218	Elicitor-induced rosmarinic acid accumulation and secondary metabolism enzyme activities in <i>Salvia miltiorrhiza</i> hairy roots. <i>Plant Science</i> , <b>2006</b> , 170, 853-858	5.3	145
217	Tanshinone production and isoprenoid pathways in <i>Salvia miltiorrhiza</i> hairy roots induced by Ag <sup>+</sup> and yeast elicitor. <i>Plant Science</i> , <b>2005</b> , 168, 487-491	5.3	142
216	Recent advances in polysaccharides: Mycelial fermentation, isolation, structure, and bioactivities: A review. <i>Journal of Functional Foods</i> , <b>2014</b> , 6, 33-47	5.1	131
215	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> , <b>2005</b> , 46, 923-30	4.9	125
214	Enhancement of Taxol production and excretion in <i>Taxus chinensis</i> cell culture by fungal elicitation and medium renewal. <i>Applied Microbiology and Biotechnology</i> , <b>2001</b> , 55, 404-10	5.7	120
213	Development and application of medicinal plant tissue cultures for production of drugs and herbal medicinals in China. <i>Natural Product Reports</i> , <b>2006</b> , 23, 789-810	15.1	119
212	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> , <b>2006</b> , 15, 351-8	5	111
211	Characterization of oxygen transfer conditions and their effects on <i>Phaffia rhodozyma</i> growth and carotenoid production in shake-flask cultures. <i>Biochemical Engineering Journal</i> , <b>2006</b> , 27, 331-335	4.2	107
210	Enhancement of shikonin production in single- and two-phase suspension cultures of <i>Lithospermum erythrorhizon</i> cells using low-energy ultrasound. <i>Biotechnology and Bioengineering</i> , <b>2002</b> , 78, 81-8	4.9	98
209	Structural characterisation and immunomodulatory property of an acidic polysaccharide from mycelial culture of <i>Cordyceps sinensis</i> fungus Cs-HK1. <i>Food Chemistry</i> , <b>2011</b> , 125, 637-643	8.5	95
208	Enhancement of taxol production and release in <i>Taxus chinensis</i> cell cultures by ultrasound, methyl jasmonate and in situ solvent extraction. <i>Applied Microbiology and Biotechnology</i> , <b>2003</b> , 62, 151-5	5.7	94
207	Tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> and production in plant tissue cultures. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 88, 437-49	5.7	93
206	Stimulation of taxol production and excretion in <i>Taxus</i> spp cell cultures by rare earth chemical lanthanum. <i>Journal of Biotechnology</i> , <b>2001</b> , 85, 67-73	3.7	91

205	Structural elucidation of an exopolysaccharide from mycelial fermentation of a Tolypocladium sp. fungus isolated from wild Cordyceps sinensis. <i>Carbohydrate Polymers</i> , <b>2010</b> , 79, 125-130	10.3	86
204	Oxidative burst, jasmonic acid biosynthesis, and taxol production induced by low-energy ultrasound in <i>Taxus chinensis</i> cell suspension cultures. <i>Biotechnology and Bioengineering</i> , <b>2004</b> , 85, 714-21	4.9	86
203	Ultrasonic degradation kinetics and rheological profiles of a food polysaccharide (konjac glucomannan) in water. <i>Food Hydrocolloids</i> , <b>2017</b> , 70, 14-19	10.6	85
202	Ultrasonic treatment for improved solution properties of a high-molecular weight exopolysaccharide produced by a medicinal fungus. <i>Bioresource Technology</i> , <b>2010</b> , 101, 5517-22	11	81
201	Enhancement of tanshinone production in <i>Salvia miltiorrhiza</i> hairy root culture by Ag <sup>+</sup> elicitation and nutrient feeding. <i>Planta Medica</i> , <b>2004</b> , 70, 147-51	3.1	79
200	Isaindigotone derivatives: a new class of highly selective ligands for telomeric G-quadruplex DNA. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 2825-35	8.3	75
199	Antibacterial phenolic compounds from the spines of <i>Gleditsia sinensis</i> Lam. <i>Natural Product Research</i> , <b>2007</b> , 21, 283-91	2.3	75
198	Efficient production and recovery of diterpenoid tanshinones in <i>Salvia miltiorrhiza</i> hairy root cultures with in situ adsorption, elicitation and semi-continuous operation. <i>Journal of Biotechnology</i> , <b>2005</b> , 119, 416-24	3.7	74
197	Fractionation, characterization and antioxidant activity of exopolysaccharides from fermentation broth of a <i>Cordyceps sinensis</i> fungus. <i>Process Biochemistry</i> , <b>2013</b> , 48, 380-386	4.8	73
196	Mycelium cultivation, chemical composition and antitumour activity of a <i>Tolypocladium</i> sp. fungus isolated from wild <i>Cordyceps sinensis</i> . <i>Journal of Applied Microbiology</i> , <b>2006</b> , 101, 275-83	4.7	73
195	Molecular properties and antioxidant activities of polysaccharide-protein complexes from selected mushrooms by ultrasound-assisted extraction. <i>Process Biochemistry</i> , <b>2012</b> , 47, 892-895	4.8	70
194	Ultrasound-induced physiological effects and secondary metabolite (saponin) production in <i>Panax ginseng</i> cell cultures. <i>Ultrasound in Medicine and Biology</i> , <b>2001</b> , 27, 1147-52	3.5	69
193	Polyethylenimine coated bacterial cellulose nanofiber membrane and application as adsorbent and catalyst. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 440, 32-8	9.3	68
192	Chemical properties and bioactivities of Goji ( <i>Lycium barbarum</i> ) polysaccharides extracted by different methods. <i>Journal of Functional Foods</i> , <b>2015</b> , 17, 903-909	5.1	67
191	Rhabdomyolysis associated with fibrate therapy: review of 76 published cases and a new case report. <i>European Journal of Clinical Pharmacology</i> , <b>2009</b> , 65, 1169-74	2.8	67
190	Enhancement of tanshinone production in <i>Salvia miltiorrhiza</i> Bunge (red or Chinese sage) hairy-root culture by hyperosmotic stress and yeast elicitor. <i>Biotechnology and Applied Biochemistry</i> , <b>2007</b> , 46, 191-6	2.8	67
189	Ultrasound-induced stress responses of <i>Panax ginseng</i> cells: enzymatic browning and phenolics production. <i>Biotechnology Progress</i> , <b>2002</b> , 18, 862-6	2.8	67
188	Extracellular ATP-induced NO production and its dependence on membrane Ca <sup>2+</sup> flux in <i>Salvia miltiorrhiza</i> hairy roots. <i>Journal of Experimental Botany</i> , <b>2008</b> , 59, 4007-16	7	66

187	Effective dispersion of multi-wall carbon nano-tubes in hexadecane through physiochemical modification and decrease of supercooling. <i>Solar Energy Materials and Solar Cells</i> , <b>2012</b> , 96, 124-130	6.4	65
186	Homogeneous sulfation of bagasse cellulose in an ionic liquid and anticoagulation activity. <i>Bioresource Technology</i> , <b>2009</b> , 100, 1687-90	11	65
185	Enhanced secondary metabolite (tanshinone) production of <i>Salvia miltiorrhiza</i> hairy roots in a novel root-bacteria coculture process. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 77, 543-50	5.7	65
184	Biocompatible Polyelectrolyte Complex Nanoparticles from Lactoferrin and Pectin as Potential Vehicles for Antioxidative Curcumin. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 5720-5730	5.7	64
183	Design of selective G-quadruplex ligands as potential anticancer agents. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2008</b> , 8, 1163-78	3.2	63
182	Induction and potentiation of diterpenoid tanshinone accumulation in <i>Salvia miltiorrhiza</i> hairy roots by beta-aminobutyric acid. <i>Applied Microbiology and Biotechnology</i> , <b>2005</b> , 68, 183-8	5.7	63
181	Efficient extraction of pectin from sisal waste by combined enzymatic and ultrasonic process. <i>Food Hydrocolloids</i> , <b>2018</b> , 79, 189-196	10.6	63
180	Molecular properties and antioxidant activities of polysaccharides isolated from alkaline extract of wild <i>Armillaria ostoyae</i> mushrooms. <i>Carbohydrate Polymers</i> , <b>2016</b> , 137, 739-746	10.3	61
179	Diterpenoid tanshinones and phenolic acids from cultured hairy roots of <i>Salvia miltiorrhiza</i> Bunge and their antimicrobial activities. <i>Molecules</i> , <b>2011</b> , 16, 2259-67	4.8	60
178	Enhancement of saponin production in <i>Panax ginseng</i> cell culture by osmotic stress and nutrient feeding. <i>Enzyme and Microbial Technology</i> , <b>2005</b> , 36, 133-138	3.8	60
177	Mechanisms of animal cell damage associated with gas bubbles and cell protection by medium additives. <i>Journal of Biotechnology</i> , <b>1995</b> , 43, 81-94	3.7	60
176	Promotion of <i>Salvia miltiorrhiza</i> hairy root growth and tanshinone production by polysaccharide-protein fractions of plant growth-promoting rhizobacterium <i>Bacillus cereus</i> . <i>Process Biochemistry</i> , <b>2010</b> , 45, 1517-1522	4.8	59
175	Acidic degradation and enhanced antioxidant activities of exopolysaccharides from <i>Cordyceps sinensis</i> mycelial culture. <i>Food Chemistry</i> , <b>2009</b> , 117, 641-646	8.5	57
174	Facile and effective separation of polysaccharides and proteins from <i>Cordyceps sinensis</i> mycelia by ionic liquid aqueous two-phase system. <i>Separation and Purification Technology</i> , <b>2014</b> , 135, 278-284	8.3	56
173	Spectroscopic studies of DNA binding modes of cation-substituted anthrapyrazoles derived from emodin. <i>European Journal of Medicinal Chemistry</i> , <b>2007</b> , 42, 1169-75	6.8	56
172	Elicitor-like effects of low-energy ultrasound on plant ( <i>Panax ginseng</i> ) cells: induction of plant defense responses and secondary metabolite production. <i>Applied Microbiology and Biotechnology</i> , <b>2002</b> , 59, 51-7	5.7	56
171	Kinetic Models for Ultrasound-Assisted Extraction of Water-Soluble Components and Polysaccharides from Medicinal Fungi. <i>Food and Bioprocess Technology</i> , <b>2013</b> , 6, 2659-2665	5.1	54
170	Kinetic models and process parameters for ultrasound-assisted extraction of water-soluble components and polysaccharides from a medicinal fungus. <i>Biochemical Engineering Journal</i> , <b>2013</b> , 79, 214-220	4.2	54

169	Enhanced taxol production and release in <i>Taxus chinensis</i> cell suspension cultures with selected organic solvents and sucrose feeding. <i>Biotechnology Progress</i> , <b>2001</b> , 17, 89-94	2.8	54
168	Constituents actually responsible for the antioxidant activities of crude polysaccharides isolated from mushrooms. <i>Journal of Functional Foods</i> , <b>2014</b> , 11, 548-556	5.1	53
167	PCM-in-water emulsion for solar thermal applications: The effects of emulsifiers and emulsification conditions on thermal performance, stability and rheology characteristics. <i>Solar Energy Materials and Solar Cells</i> , <b>2016</b> , 147, 211-224	6.4	51
166	The signaling role of extracellular ATP and its dependence on Ca <sup>2+</sup> flux in elicitation of <i>Salvia miltiorrhiza</i> hairy root cultures. <i>Plant and Cell Physiology</i> , <b>2008</b> , 49, 617-24	4.9	51
165	Ultrahigh diterpenoid tanshinone production through repeated osmotic stress and elicitor stimulation in fed-batch culture of <i>Salvia miltiorrhiza</i> hairy roots. <i>Applied Microbiology and Biotechnology</i> , <b>2008</b> , 78, 441-8	5.7	51
164	Mucormycosis in renal transplant recipients: review of 174 reported cases. <i>BMC Infectious Diseases</i> , <b>2017</b> , 17, 283	4	50
163	Effects of inoculum size and age on biomass growth and paclitaxel production of elicitor-treated <i>Taxus yunnanensis</i> cell cultures. <i>Applied Microbiology and Biotechnology</i> , <b>2002</b> , 60, 396-402	5.7	50
162	Cloning and characterization of the 1-deoxy-D-xylulose 5-phosphate reductoisomerase gene for diterpenoid tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> (Chinese sage) hairy roots. <i>Biotechnology and Applied Biochemistry</i> , <b>2009</b> , 52, 89-95	2.8	47
161	Effects of Tween 80 and pH on mycelial pellets and exopolysaccharide production in liquid culture of a medicinal fungus. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2012</b> , 39, 623-8	4.2	46
160	Physiochemical properties and antitumor activities of two $\beta$ -glucans isolated from hot water and alkaline extracts of <i>Cordyceps</i> (Cs-HK1) fungal mycelia. <i>Carbohydrate Polymers</i> , <b>2011</b> , 85, 753-758	10.3	46
159	Ethylene inhibitors enhance elicitor-induced paclitaxel production in suspension cultures of <i>Taxus</i> spp. cells. <i>Enzyme and Microbial Technology</i> , <b>2003</b> , 32, 71-77	3.8	46
158	Hydrogen peroxide-induced astaxanthin biosynthesis and catalase activity in <i>Xanthophyllomyces dendrorhous</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2006</b> , 73, 663-8	5.7	44
157	Synthesis, DNA binding and cytotoxicity of new pyrazole emodin derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2006</b> , 41, 1041-7	6.8	44
156	Effects of pH and temperature on colloidal properties and molecular characteristics of Konjac glucomannan. <i>Carbohydrate Polymers</i> , <b>2015</b> , 134, 285-92	10.3	42
155	Three-phase partitioning as an elegant and versatile platform applied to nonchromatographic bioseparation processes. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2018</b> , 58, 2416-2431	11.5	42
154	Remote ischemic conditioning enhanced the early recovery of renal function in recipients after kidney transplantation: a randomized controlled trial. <i>Journal of Surgical Research</i> , <b>2014</b> , 188, 303-8	2.5	42
153	Effective elicitors and process strategies for enhancement of secondary metabolite production in hairy root cultures. <i>Advances in Biochemical Engineering/Biotechnology</i> , <b>2013</b> , 134, 55-89	1.7	42
152	Urinary fractalkine is a marker of acute rejection. <i>Kidney International</i> , <b>2008</b> , 74, 1454-60	9.9	42

151	Measurement of depth-dependence and anisotropy of ultrasound speed of bovine articular cartilage in vitro. <i>Ultrasound in Medicine and Biology</i> , <b>2004</b> , 30, 953-63	3.5	42
150	Characterization and antibacterial activity of silver nanoparticles prepared with a fungal exopolysaccharide in water. <i>Food Hydrocolloids</i> , <b>2016</b> , 53, 69-74	10.6	38
149	Structural characteristics and antioxidant activities of different families of 4-acetamido-TEMPO-oxidised curdlan. <i>Food Chemistry</i> , <b>2014</b> , 143, 530-5	8.5	38
148	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> , <b>2004</b> , 11, 298-306	5	38
147	Optimization of cell growth and carotenoid production of <i>Xanthophyllomyces dendrorhous</i> through statistical experiment design. <i>Biochemical Engineering Journal</i> , <b>2007</b> , 36, 182-189	4.2	37
146	Induction of HL-60 apoptosis by ethyl acetate extract of <i>Cordyceps sinensis</i> fungal mycelium. <i>Life Sciences</i> , <b>2004</b> , 75, 2911-9	6.8	36
145	Engineering aspects of insect cell suspension culture: a review. <i>Applied Microbiology and Biotechnology</i> , <b>1989</b> , 32, 249	5.7	35
144	Development and characterization of novel and stable silicon nanoparticles-embedded PCM-in-water emulsions for thermal energy storage. <i>Applied Energy</i> , <b>2019</b> , 238, 1407-1416	10.7	34
143	Rheological behaviors of an exopolysaccharide from fermentation medium of a <i>Cordyceps sinensis</i> fungus (Cs-HK1). <i>Carbohydrate Polymers</i> , <b>2014</b> , 114, 506-513	10.3	34
142	Use of n-hexadecane as an oxygen vector to improve <i>Phaffia rhodozyma</i> growth and carotenoid production in shake-flask cultures. <i>Journal of Applied Microbiology</i> , <b>2006</b> , 101, 1033-8	4.7	34
141	PCM in Water Emulsions: Supercooling Reduction Effects of Nano-Additives, Viscosity Effects of Surfactants and Stability. <i>Advanced Engineering Materials</i> , <b>2015</b> , 17, 181-188	3.5	33
140	Structure and properties of a (1- $\beta$ )-D-glucan from ultrasound-degraded exopolysaccharides of a medicinal fungus. <i>Carbohydrate Polymers</i> , <b>2014</b> , 106, 270-5	10.3	32
139	Two ellagic acid glycosides from <i>Gleditsia sinensis</i> Lam. with antifungal activity on <i>Magnaporthe grisea</i> . <i>Natural Product Research</i> , <b>2007</b> , 21, 303-9	2.3	32
138	Oxoisoporphine alkaloid derivatives: synthesis, DNA binding affinity and cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 973-80	6.8	32
137	Molecular weight-dependent anticoagulation activity of sulfated cellulose derivatives. <i>Cellulose</i> , <b>2010</b> , 17, 953-961	5.5	31
136	Structure and antioxidant activity of a novel poly-N-acetylhexosamine produced by a medicinal fungus. <i>Carbohydrate Polymers</i> , <b>2013</b> , 94, 332-8	10.3	30
135	Heptasaccharide and octasaccharide isolated from <i>Paris polyphylla</i> var. <i>yunnanensis</i> and their plant growth-regulatory activity. <i>Plant Science</i> , <b>2003</b> , 165, 571-575	5.3	30
134	Sulfation and enhanced antioxidant capacity of an exopolysaccharide produced by the medicinal fungus <i>Cordyceps sinensis</i> . <i>Molecules</i> , <b>2012</b> , 18, 167-77	4.8	29

133	Methods for animal cell immobilization using electrostatic droplet generation. <i>Biotechnology Letters</i> , <b>1993</b> , 7, 677-682		29
132	Stimulation of saponin production in <i>Panax ginseng</i> hairy roots by two oligosaccharides from <i>Paris polyphylla</i> var. <i>yunnanensis</i> . <i>Biotechnology Letters</i> , <b>2007</b> , 29, 631-4	3	28
131	Effect of polysaccharide chain conformation on ultrasonic degradation of curdlan in alkaline solution. <i>Carbohydrate Polymers</i> , <b>2018</b> , 195, 298-302	10.3	28
130	Protective effect of a polysaccharide isolated from a cultivated <i>Cordyceps</i> mycelia on hydrogen peroxide-induced oxidative damage in PC12 cells. <i>Phytotherapy Research</i> , <b>2011</b> , 25, 675-80	6.7	27
129	Effects of ammonium feeding on the production of bioactive metabolites (cordycepin and exopolysaccharides) in mycelial culture of a <i>Cordyceps sinensis</i> fungus. <i>Journal of Applied Microbiology</i> , <b>2007</b> , 103, 1942-9	4.7	27
128	Bifidogenic effects of <i>Cordyceps sinensis</i> fungal exopolysaccharide and konjac glucomannan after ultrasound and acid degradation. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 111, 587-594	7.9	26
127	Protective effects of natural and partially degraded konjac glucomannan on Bifidobacteria against antibiotic damage. <i>Carbohydrate Polymers</i> , <b>2018</b> , 181, 368-375	10.3	26
126	Photoprotective potential of <i>Cordyceps</i> polysaccharides against ultraviolet B radiation-induced DNA damage to human skin cells. <i>British Journal of Dermatology</i> , <b>2011</b> , 164, 980-6	4	25
125	Enhanced beauvericin production with in situ adsorption in mycelial liquid culture of <i>Fusarium redolens</i> Dzf2. <i>Process Biochemistry</i> , <b>2009</b> , 44, 1063-1067	4.8	24
124	A pilot study of GC/MS-based serum metabolic profiling of acute rejection in renal transplantation. <i>Transplant Immunology</i> , <b>2008</b> , 19, 74-80	1.7	24
123	Adaptation of insect cells to suspension culture. <i>Journal of Bioscience and Bioengineering</i> , <b>1990</b> , 70, 90-93		24
122	Uricase from <i>Bacillus fastidiosus</i> loaded in alkaline enzymosomes: enhanced biochemical and pharmacological characteristics in hypouricemic rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 82, 43-8	5.7	23
121	Improved clinical outcomes in Chinese renal allograft recipients receiving lower dose immunosuppressants. <i>Transplantation</i> , <b>2004</b> , 78, 713-8	1.8	23
120	Self-aggregated nanoparticles of carboxylic curdlan-deoxycholic acid conjugates as a carrier of doxorubicin. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 333-40	7.9	21
119	Anti-inflammation activity of exopolysaccharides produced by a medicinal fungus <i>Cordyceps sinensis</i> Cs-HK1 in cell and animal models. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 149, 1042-1050	7.9	21
118	Uricase alkaline enzymosomes with enhanced stabilities and anti-hyperuricemia effects induced by favorable microenvironmental changes. <i>Scientific Reports</i> , <b>2016</b> , 7, 20136	4.9	21
117	Modeling of <i>Xanthophyllomyces dendrorhous</i> growth on glucose and overflow metabolism in batch and fed-batch cultures for astaxanthin production. <i>Biotechnology and Bioengineering</i> , <b>2008</b> , 101, 996-1004	4.9	20
116	Construction and characterization of nanosized curdlan sulfate/chitosan polyelectrolyte complex toward drug release of zidovudine. <i>Carbohydrate Polymers</i> , <b>2017</b> , 174, 209-216	10.3	19

115	Antifatigue Functions and Mechanisms of Edible and Medicinal Mushrooms. <i>BioMed Research International</i> , <b>2017</b> , 2017, 9648496	3	19
114	Slope of changes in renal function in the first year post-transplantation and one-yr estimated glomerular filtration rate together predict long-term renal allograft survival. <i>Clinical Transplantation</i> , <b>2010</b> , 24, 862-8	3.8	19
113	Effects of surface-active medium additives on insect cell surface hydrophobicity relating to cell protection against bubble damage. <i>Enzyme and Microbial Technology</i> , <b>1997</b> , 21, 341-348	3.8	19
112	Assessing surface water quality of the Yangtze Estuary with genotoxicity data. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 50, 1661-7	6.7	19
111	Assessment of virus production and chloramphenicol acetyl transferase expression by insect cells in serum-free and serum-supplemented media using a temperature-sensitive baculovirus. <i>Biotechnology and Bioengineering</i> , <b>1991</b> , 38, 1091-9	4.9	19
110	Molecular properties and gut health benefits of enzyme-hydrolyzed konjac glucomannans. <i>Carbohydrate Polymers</i> , <b>2020</b> , 237, 116117	10.3	18
109	Stimulated laccase production of <i>Pleurotus ferulae</i> JM301 fungus by <i>Rhodotorula mucilaginosa</i> yeast in co-culture. <i>Process Biochemistry</i> , <b>2015</b> , 50, 901-905	4.8	17
108	CXCL10 and CXCL13 Expression were highly up-regulated in peripheral blood mononuclear cells in acute rejection and poor response to anti-rejection therapy. <i>Journal of Clinical Immunology</i> , <b>2011</b> , 31, 414-8	5.7	17
107	Modeling of <i>Fusarium redolens</i> Dzf2 mycelial growth kinetics and optimal fed-batch fermentation for beauvericin production. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2011</b> , 38, 1187-92	4.2	17
106	Protective effects of polymer additives on animal cells exposed to rapidly falling liquid films. <i>Biotechnology Progress</i> , <b>1995</b> , 11, 127-32	2.8	17
105	Structure and antioxidative property of a polysaccharide from an ammonium oxalate extract of <i>Phellinus linteus</i> . <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 92-9	7.9	17
104	Bioactive Ingredients and Medicinal Values of (Maitake). <i>Foods</i> , <b>2021</b> , 10,	4.9	17
103	Ultrasonic disruption of fungal mycelia for efficient recovery of polysaccharide-protein complexes from viscous fermentation broth of a medicinal fungus. <i>Ultrasonics Sonochemistry</i> , <b>2015</b> , 22, 243-8	8.9	16
102	Apoptosis-inducing activity of new pyrazole emodin derivatives in human hepatocellular carcinoma HepG2 cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2007</b> , 30, 1113-6	2.3	16
101	Assessment of various carbon sources and nutrient feeding strategies for <i>Panax ginseng</i> cell culture. <i>Applied Biochemistry and Biotechnology</i> , <b>1999</b> , 82, 17-26	3.2	16
100	Dynamics of early post-operative plasma ddcdDNA levels in kidney transplantation: a single-center pilot study. <i>Transplant International</i> , <b>2019</b> , 32, 184-192	3	16
99	Low-temperature stratification strategies and growth regulators for rapid induction of <i>Paris polyphylla</i> var. <i>yunnanensis</i> seed germination. <i>Plant Growth Regulation</i> , <b>2003</b> , 41, 179-183	3.2	15
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