

Shutao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

349
citations

758635

12
h-index

839053

18
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29
all docs

29
docs citations

29
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of gelation properties of soy protein isolate emulsion induced by calcium cooperated with magnesium. <i>Journal of Food Engineering</i> , 2019, 244, 32-39.	2.7	54
2	Textural and Rheological Properties of Soy Protein Isolate Tofu-Type Emulsion Gels: Influence of Soybean Variety and Coagulant Type. <i>Food Biophysics</i> , 2018, 13, 324-332.	1.4	36
3	Protective effect of recombinant protein SOD-TAT on radiation-induced lung injury in mice. <i>Life Sciences</i> , 2012, 91, 89-93.	2.0	32
4	A new formula to calculate activity of superoxide dismutase in indirect assays. <i>Analytical Biochemistry</i> , 2016, 503, 65-67.	1.1	30
5	Protective effects of intraperitoneal injection of TAT-SOD against focal cerebral ischemia/reperfusion injury in rats. <i>Life Sciences</i> , 2011, 89, 868-874.	2.0	25
6	Preparation and Characterization of Nanoparticles Made from Co-Incubation of SOD and Glucose. <i>Nanomaterials</i> , 2017, 7, 458.	1.9	24
7	Effects of Intracellular Superoxide Removal at Acupoints with TAT-SOD on Obesity. <i>Free Radical Biology and Medicine</i> , 2011, 51, 2185-2189.	1.3	18
8	GST-TAT-SOD: Cell Permeable Bifunctional Antioxidant Enzymeâ€™A Potential Selective Radioprotector. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	1.9	17
9	Topical application of superoxide dismutase mediated by HIV-TAT peptide attenuates UVB-induced damages in human skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 286-294.	2.0	17
10	Efficient internalization of TAT peptide in zwitterionic DOPC phospholipid membrane revealed by neutron diffraction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 910-916.	1.4	15
11	Purification and characterization of Cu, Zn-superoxide dismutase from black soybean. <i>Food Research International</i> , 2012, 47, 374-379.	2.9	13
12	Hypothesis review: The direct interaction of food nanoparticles with the lymphatic system. <i>Food Science and Human Wellness</i> , 2012, 1, 61-64.	2.2	12
13	Revealing acupuncture meridian-like system by reactive oxygen species visualization. <i>Bioscience Hypotheses</i> , 2009, 2, 443-445.	0.2	10
14	In Vivo Radioprotective Activity of Cell-Permeable Bifunctional Antioxidant Enzyme GST-TAT-SOD against Whole-Body Ionizing Irradiation in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	1.9	6
15	Can the Cellular Internalization of Cargo Proteins Be Enhanced by Fusing a Tat Peptide in the Center of Proteins? A Fluorescence Study. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 879-886.	1.6	6
16	Purification and characterization of two pathogenesis-related class 10 protein isoforms with ribonuclease activity from the fresh <i>Angelica sinensis</i> roots. <i>Plant Physiology and Biochemistry</i> , 2018, 128, 66-71.	2.8	6
17	Reversible Mannosylation as a Covalent Binding Adjuvant Enhances Immune Responses for Porcine Circovirus Type 2 Vaccine. <i>ACS Omega</i> , 2018, 3, 17341-17347.	1.6	6
18	Topical Application of TAT-Superoxide Dismutase in Acupoints LI 20 on Allergic Rhinitis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Heat-induced structural changes in fish muscle collagen related to texture development in fish balls: Using eel ball as a study model. <i>Food Science and Nutrition</i> , 2022, 10, 329-341.	1.5	5
20	Cytoprotective Effects of Cell-Permeable Bifunctional Antioxidant Enzyme, GST-TAT-SOD, against Cisplatin-Induced Cell Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	1.9	4
21	Visualising reactive oxygen species in live mammals and revealing of ROS-related system. <i>Free Radical Research</i> , 2019, 53, 1073-1083.	1.5	4
22	Crystallization and preliminary X-ray diffraction analysis of the SOD-TAT fusion protein. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 543-546.	0.7	3
23	High Speed Separation and Quantitation of <i>Ralstonia solanacearum</i> of Different Virulences Using High Performance Ion Exchange Chromatography. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2007, 25, 70-74.	0.1	1
24	The Meridian Tropism and Classification of Red Yeast Rice Investigated by Monitoring Dermal Electrical Potential. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	0.5	0
25	Analysis of Different Virulent <i>Ralstonia solanacearum</i> Strains Using High Performance Ion Exchange Chromatography*. <i>Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology</i> , 2010, 2009, 713-718.	0.1	0