Ping Zhou

List of Publications by Year
in descending order

48 papers	1,310 citations	331670 21 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	1834 citing authors

#	Article	IF	Citations
1	Antioxidation of a proteoglycan from Ganoderma lucidum protects pancreatic Î²-cells against oxidative stress-induced apoptosis in vitro and in vivo. International Journal of Biological Macromolecules, 2022, 200, 470-486.	7.5	9
2	Inhibition on Î±-Glucosidase Activity and Non-Enzymatic Glycation by an Anti-Oxidative Proteoglycan from Ganoderma lucidum. Molecules, 2022, 27, 1457.	3.8	5
3	Porcine Fibrin Sealant Promotes Skin Wound Healing in Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	1.2	2
4	The thermodynamic and kinetic mechanisms of a Ganoderma lucidum proteoglycan inhibiting hIAPP amyloidosis. Biophysical Chemistry, 2021, 280, 106702.	2.8	7
5	Interaction and Inhibition of a Ganoderma lucidum Proteoglycan on PTP1B Activity for Anti-diabetes. ACS Omega, 2021, 6, 29804-29813.	3.5	9
6	Biodistribution and immunomodulatory activities of a proteoglycan isolated from Ganoderma lucidum. Journal of Functional Foods, 2020, 74, 104193.	3.4	11
7	Efficacy and Mechanism of a Chinese Classic Prescription of Yueju in Treating Nonalcoholic Steatohepatitis and Protecting Hepatocytes from Apoptosis. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-12.	1.2	3
8	A proteoglycan extract fromGanoderma Lucidumprotects pancreatic beta-cells against STZ-induced apoptosis. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2491-2498.	1.3	13
9	Amelioration of the Lipogenesis, Oxidative Stress and Apoptosis of Hepatocytes by a Novel Proteoglycan from <i>Ganoderma lucidum</i>. Biological and Pharmaceutical Bulletin, 2020, 43, 1542-1550.	1.4	7
10	Pancreatic cancer cell apoptosis is induced by a proteoglycan extracted from GanodermaÂlucidum. Oncology Letters, 2020, 21, 34.	1.8	9
11	Complex of EGCG with Cu(II) Suppresses Amyloid Aggregation and Cu(II)-Induced Cytotoxicity of Î±-Synuclein. Molecules, 2019, 24, 2940.	3.8	30
12	Modulation of energy metabolism and mitochondrial biogenesis by a novel proteoglycan fromGanoderma lucidum. RSC Advances, 2019, 9, 2591-2598.	3.6	3
13	Protective effects of a G. lucidum proteoglycan on INS-1 cells against IAPP-induced apoptosis via attenuating endoplasmic reticulum stress and modulating CHOP/JNK pathways. International Journal of Biological Macromolecules, 2018, 106, 893-900.	7.5	14
14	A novel PTP1B inhibitor extracted fromGanoderma lucidumameliorates insulin resistance by regulating IRS1-GLUT4 cascades in the insulin signaling pathway. Food and Function, 2018, 9, 397-406.	4.6	44
15	Hypoglycemic mechanism of a novel proteoglycan, extracted from Ganoderma lucidum , in hepatocytes. European Journal of Pharmacology, 2018, 820, 77-85.	3.5	19
16	Inhibitory Mechanism of Epigallocatechin Gallate on Fibrillation and Aggregation of Amidated Human Islet Amyloid Polypeptide. ChemPhysChem, 2017, 18, 1611-1619.	2.1	27
17	Endocytosis mechanism of a novel proteoglycan, extracted from Ganoderma lucidum, in HepG2 cells. RSC Advances, 2017, 7, 41779-41786.	3.6	10
18	(â˜)-Epigallocatechin-3-gallate (EGCG) inhibits fibrillation, disaggregates amyloid fibrils of Î±-synuclein, and protects PC12 cells against Î±-synuclein-induced toxicity. RSC Advances, 2017, 7, 32508-32517.	3.6	50

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19	Metal chelator <scp>EGCG</scp> attenuates Fe(<scp>III</scp>)â€induced conformational transition of Î±â€synuclein and protects <scp>AS</scp>â€<scp>PC</scp>12 cells against Fe(<scp>III</scp>)â€induced death. Journal of Neurochemistry, 2017, 143, 136-146.	3.9	38
20	Nanofibers of silk fibroin controlled by the crystallization of polyethylene glycol in frozen solution. Chinese Journal of Polymer Science (English Edition), 2017, 35, 1373-1380.	3.8	1
21	Trehalose Inhibits A53T Mutant Î±-Synuclein Overexpression and Neurotoxicity in Transduced PC12 Cells. Molecules, 2017, 22, 1293.	3.8	13
22	Influence of Aluminium and EGCG on Fibrillation and Aggregation of Human Islet Amyloid Polypeptide. Journal of Diabetes Research, 2016, 2016, 1-14.	2.3	16
23	Effect of <scp>EGCG</scp> On Fe(III)â€induced conformational transition of silk fibroin, a model of protein related to neurodegenerative diseases. Biopolymers, 2016, 105, 100-107.	2.4	15
24	A natural hyperbranched proteoglycan inhibits IAPP amyloid fibrillation and attenuates Î²-cell apoptosis. RSC Advances, 2016, 6, 105690-105698.	3.6	7
25	In situ microscopic studies on the structures and phase behaviors of SF/PEG films using solid-state NMR and Raman imaging. Physical Chemistry Chemical Physics, 2016, 18, 16353-16360.	2.8	10
26	Influence of trehalose on human islet amyloid polypeptide fibrillation and aggregation. RSC Advances, 2016, 6, 15240-15246.	3.6	21
27	Isolation and characterization of a hyperbranched proteoglycan from Ganoderma Lucidum for anti-diabetes. Carbohydrate Polymers, 2015, 117, 106-114.	10.2	54
28	Effect of Al(<scp>iii</scp>) and curcumin on silk fibroin conformation and aggregation morphology. RSC Advances, 2014, 4, 40273-40280.	3.6	14
29	Structural characterization and bioactivity evaluation of an acidic proteoglycan extract from Ganoderma lucidum fruiting bodies for PTP1B inhibition and antiâ€diabetes. Biopolymers, 2014, 101, 613-623.	2.4	16
30	A novel proteoglycan from Ganoderma lucidum fruiting bodies protects kidney function and ameliorates diabetic nephropathy via its antioxidant activity in C57BL/6 db/db mice. Food and Chemical Toxicology, 2014, 63, 111-118.	3.6	58
31	Trehalose inhibits wild-type Î±-synuclein fibrillation and overexpression and protects against the protein neurotoxicity in transduced PC12 cells. RSC Advances, 2013, 3, 9500.	3.6	13
32	Antidiabetic, Antihyperlipidemic and Antioxidant Activities of a Novel Proteoglycan from Ganoderma Lucidum Fruiting Bodies on db/db Mice and the Possible Mechanism. PLoS ONE, 2013, 8, e68332.	2.5	65
33	Influence of curcumin on the Al(iii)-induced conformation transition of silk fibroin and resulting potential therapy for neurodegenerative diseases. RSC Advances, 2012, 2, 9106.	3.6	24
34	Interference of EGCG on the Zn(ii)-induced conformational transition of silk fibroin as a model protein related to neurodegenerative diseases. Soft Matter, 2012, 8, 5543.	2.7	20
35	Inhibitory effect of curcumin on the Al(III)-induced AÎ²42 aggregation and neurotoxicity in vitro. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1207-1215.	3.8	51
36	Structure characterization of a novel neutral polysaccharide isolated from Ganoderma lucidum fruiting bodies. Food Chemistry, 2012, 135, 1097-1103.	8.2	83

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37	Naturally Stable Free Radical in the Silk Fibroin and Its Structure Environment Studied by EPR and DFT. Spectroscopy Letters, 2012, 45, 285-295.	1.0	9
38	A Protein Tyrosine Phosphatase 1B Activity Inhibitor from the Fruiting Bodies of Ganoderma lucidum (Fr.) Karst and Its Hypoglycemic Potency on Streptozotocin-Induced Type 2 Diabetic Mice. Journal of Agricultural and Food Chemistry, 2011, 59, 6492-6500.	5.2	69
39	Interaction of curcumin with Al(III) and its complex structures based on experiments and theoretical calculations. Journal of Molecular Structure, 2011, 1004, 163-173.	3.6	40
40	The Role of Mn(II) in Silk Fibroin Based on EPR and NMR Spectroscopy. Spectroscopy Letters, 2011, 44, 176-185.	1.0	7
41	Enhanced cell affinity of the silk fibroin- modified PHBHHx material. Journal of Materials Science: Materials in Medicine, 2009, 20, 1743-1751.	3.6	25
42	Investigation of water diffusion in poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) by generalized two-dimensional correlation ATRâ€“FTIR spectroscopy. Polymer, 2009, 50, 1533-1540.	3.8	26
43	Sodium ion effect on silk fibroin conformation characterized by solid-state NMR and generalized 2D NMRâ€“NMR correlation. Journal of Molecular Structure, 2008, 883-884, 85-90.	3.6	33
44	Biocompatibility of poly (3-hydroxybutyrate-co-3-hydroxyhexanoate) modified by silk fibroin. Journal of Materials Science: Materials in Medicine, 2006, 17, 749-758.	3.6	22
45	Effects of pH and Calcium Ions on the Conformational Transitions in Silk Fibroin Using 2D Raman Correlation Spectroscopy and13C Solid-State NMRâ€. Biochemistry, 2004, 43, 11302-11311.	2.5	150
46	Silk fibroin modified porous poly(Îµ-caprolactone) scaffold for human fibroblast culture in vitro. Journal of Materials Science: Materials in Medicine, 2004, 15, 671-677.	3.6	61
47	Preparation and characterization of chitosan/Cu(II) affinity membrane for urea adsorption. Journal of Applied Polymer Science, 2003, 90, 1108-1112.	2.6	49
48	Complex Formation of Silk Fibroin with Poly(acrylic acid). Polymer Journal, 2000, 32, 269-274.	2.7	27