

Zebo Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8345025/publications.pdf>

Version: 2024-02-01

65
papers

3,360
citations

159358

30
h-index

143772

57
g-index

65
all docs

65
docs citations

65
times ranked

7160
citing authors

#	ARTICLE	IF	CITATIONS
1	Trehalose, a Novel mTOR-independent Autophagy Enhancer, Accelerates the Clearance of Mutant Huntingtin and β -Synuclein. <i>Journal of Biological Chemistry</i> , 2007, 282, 5641-5652.	1.6	971
2	Structural Characterization of the Released Polysaccharide of Desiccation-Tolerant <i>Nostoc commune</i> DRH-1. <i>Journal of Bacteriology</i> , 2000, 182, 974-982.	1.0	150
3	The vertical microdistribution of cyanobacteria and green algae within desert crusts and the development of the algal crusts. <i>Plant and Soil</i> , 2003, 257, 97-111.	1.8	120
4	Autophagy-related Gene 7 (ATG7) and Reactive Oxygen Species/Extracellular Signal-regulated Kinase Regulate Tetradrine-induced Autophagy in Human Hepatocellular Carcinoma. <i>Journal of Biological Chemistry</i> , 2012, 287, 35576-35588.	1.6	119
5	Antioxidant and moisture-retention activities of the polysaccharide from <i>Nostoc commune</i> . <i>Carbohydrate Polymers</i> , 2011, 83, 1821-1827.	5.1	112
6	STUDIES ON POLYSACCHARIDES FROM THREE EDIBLE SPECIES OF NOSTOC (CYANOBACTERIA) WITH DIFFERENT COLONY MORPHOLOGIES: COMPARISON OF MONOSACCHARIDE COMPOSITIONS AND VISCOSITIES OF POLYSACCHARIDES FROM FIELD COLONIES AND SUSPENSION CULTURES. <i>Journal of Phycology</i> , 1998, 34, 962-968.	1.0	110
7	Cyanobacteria-/cyanotoxin-contaminations and eutrophication status before Wuxi Drinking Water Crisis in Lake Taihu, China. <i>Journal of Environmental Sciences</i> , 2011, 23, 575-581.	3.2	93
8	Antioxidant and neuroprotective effects of <i>Dictyophora indusiata</i> polysaccharide in <i>Caenorhabditis elegans</i> . <i>Journal of Ethnopharmacology</i> , 2016, 192, 413-422.	2.0	79
9	Heparan 2-O-sulfotransferase, hst-2, is essential for normal cell migration in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1507-1512.	3.3	78
10	Inhibition of polyglutamine-mediated proteotoxicity by <i>Astragalus membranaceus</i> polysaccharide through the DAF-16/FOXO transcription factor in <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2012, 441, 417-424.	1.7	78
11	STUDIES OF POLYSACCHARIDES FROM THREE EDIBLE SPECIES OF NOSTOC (CYANOBACTERIA) WITH DIFFERENT COLONY MORPHOLOGIES: STRUCTURAL CHARACTERIZATION AND EFFECT ON THE COMPLEMENT SYSTEM OF POLYSACCHARIDES FROM NOSTOC COMMUNE. <i>Journal of Phycology</i> , 2000, 36, 871-881.	1.0	69
12	Response of human cells to desiccation: comparison with hyperosmotic stress response. <i>Journal of Physiology</i> , 2004, 558, 181-191.	1.3	61
13	Food-Derived Antioxidant Polysaccharides and Their Pharmacological Potential in Neurodegenerative Diseases. <i>Nutrients</i> , 2017, 9, 778.	1.7	58
14	Biological Evaluation of a Novel Doxorubicin ⁺ Peptide Conjugate for Targeted Delivery to EGF Receptor-Overexpressing Tumor Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 375-386.	2.3	49
15	Health benefits of wine: Don't expect resveratrol too much. <i>Food Chemistry</i> , 2014, 156, 258-263.	4.2	49
16	Salidroside Protects <i>Caenorhabditis elegans</i> Neurons from Polyglutamine-Mediated Toxicity by Reducing Oxidative Stress. <i>Molecules</i> , 2014, 19, 7757-7769.	1.7	48
17	<i>Astragalus</i> Polysaccharide Suppresses 6-Hydroxydopamine-Induced Neurotoxicity in <i>Caenorhabditis elegans</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	48
18	Antioxidant peptides derived from the hydrolyzate of purple sea urchin (<i>Strongylocentrotus nudus</i>) gonad alleviate oxidative stress in <i>Caenorhabditis elegans</i> . <i>Journal of Functional Foods</i> , 2018, 48, 594-604.	1.6	47

#	ARTICLE	IF	CITATIONS
19	Identification of polyphenols from <i>Rosa roxburghii</i> Tratt pomace and evaluation of in vitro and in vivo antioxidant activity. <i>Food Chemistry</i> , 2022, 377, 131922.	4.2	47
20	Pilot-scale isolation of bioactive extracellular polymeric substances from cell-free media of mass microalgal cultures using tangential-flow ultrafiltration. <i>Process Biochemistry</i> , 2011, 46, 1104-1109.	1.8	46
21	Tetrandrine induces G1/S cell cycle arrest through the ROS/Akt pathway in EOMA cells and inhibits angiogenesis in vivo. <i>International Journal of Oncology</i> , 2015, 46, 360-368.	1.4	46
22	Antioxidant and anti-aging effects of a sea cucumber protein hydrolyzate and bioinformatic characterization of its composing peptides. <i>Food and Function</i> , 2020, 11, 5004-5016.	2.1	46
23	Polysaccharides from <i>Angelica sinensis</i> alleviate neuronal cell injury caused by oxidative stress. <i>Neural Regeneration Research</i> , 2014, 9, 260.	1.6	43
24	Macromolecular and small-molecule modulation of intracellular A β 242 aggregation and associated toxicity. <i>Biochemical Journal</i> , 2012, 442, 507-515.	1.7	41
25	Physicochemical Characterization and Functional Analysis of the Polysaccharide from the Edible Microalga <i>Nostoc sphaeroides</i> . <i>Molecules</i> , 2018, 23, 508.	1.7	40
26	Tanshinone IIA Inhibits Glutamate-Induced Oxidative Toxicity through Prevention of Mitochondrial Dysfunction and Suppression of MAPK Activation in SH-SY5Y Human Neuroblastoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	38
27	Bioactive Peptides from <i>Angelica sinensis</i> Protein Hydrolyzate Delay Senescence in <i>Caenorhabditis elegans</i> through Antioxidant Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	35
28	<i>Epimedium</i> Polysaccharide Alleviates Polyglutamine-Induced Neurotoxicity in <i>Caenorhabditis elegans</i> by Reducing Oxidative Stress. <i>Rejuvenation Research</i> , 2017, 20, 32-41.	0.9	34
29	Novel Bioactive Peptides from <i>Meretrix meretrix</i> Protect <i>Caenorhabditis elegans</i> against Free Radical-Induced Oxidative Stress through the Stress Response Factor DAF-16/FOXO. <i>Marine Drugs</i> , 2018, 16, 444.	2.2	33
30	The neuroprotective and lifespan-extension activities of <i>Damnacanthus officinarum</i> extracts in <i>Caenorhabditis elegans</i> . <i>Journal of Ethnopharmacology</i> , 2012, 141, 41-47.	2.0	31
31	Rosmarinic Acid Ameliorates H ₂ O ₂ -Induced Oxidative Stress in L02 Cells Through MAPK and Nrf2 Pathways. <i>Rejuvenation Research</i> , 2019, 22, 289-298.	0.9	31
32	Transcriptomic screening for cyclotides and other cysteine-rich proteins in the metallophyte <i>Viola baoshanensis</i> . <i>Journal of Plant Physiology</i> , 2015, 178, 17-26.	1.6	30
33	Extracts of Tsai Tai (<i>Brassica chinensis</i>): enhanced antioxidant activity and anti-aging effects both in vitro and in <i>Caenorhabditis elegans</i> . <i>Food and Function</i> , 2016, 7, 943-952.	2.1	30
34	Targeted delivery of doxorubicin through conjugation with EGF receptor-binding peptide overcomes drug resistance in human colon cancer cells. <i>British Journal of Pharmacology</i> , 2013, 168, 1719-1735.	2.7	28
35	Raman Spectroscopic Analysis of a Desert Cyanobacterium <i>Nostoc</i> sp. in Response to UVB Radiation. <i>Astrobiology</i> , 2010, 10, 783-788.	1.5	27
36	<i>Caenorhabditis elegans</i> in Chinese Medicinal Studies: Making the Case for Aging and Neurodegeneration. <i>Rejuvenation Research</i> , 2014, 17, 205-208.	0.9	26

#	ARTICLE	IF	CITATIONS
37	The phylogenetic analysis of <i>Dalbergia</i> (Fabaceae: Papilionaceae) based on different DNA barcodes. <i>Holzforschung</i> , 2017, 71, 939-949.	0.9	26
38	Heparan sulphate sulphotransferase expression in mice and <i>Caenorhabditis elegans</i> . <i>Biochemical Society Transactions</i> , 2003, 31, 343-348.	1.6	24
39	Gene induction by desiccation stress in human cell cultures. <i>FEBS Letters</i> , 2005, 579, 4973-4977.	1.3	23
40	Inhibition of Abeta Proteotoxicity by Paeoniflorin in <i>Caenorhabditis elegans</i> Through Regulation of Oxidative and Heat Shock Stress Responses. <i>Rejuvenation Research</i> , 2018, 21, 304-312.	0.9	22
41	The use of the 2-aminobenzoic acid tag for oligosaccharide gel electrophoresis. <i>Carbohydrate Research</i> , 2000, 328, 77-83.	1.1	21
42	Reproductive and Locomotory Capacities of <i>Caenorhabditis elegans</i> Were Not Affected by Simulated Variable Gravities and Spaceflight During the Shenzhou-8 Mission. <i>Astrobiology</i> , 2013, 13, 617-625.	1.5	21
43	Polysaccharides from Medicinal Herbs As Potential Therapeutics for Aging and Age-Related Neurodegeneration. <i>Rejuvenation Research</i> , 2014, 17, 201-204.	0.9	20
44	Ethanol extract and water-soluble polysaccharide from <i>Chaenomeles speciosa</i> fruit modulate lipopolysaccharide-induced nitric oxide production in RAW264.7 macrophage cells. <i>Journal of Ethnopharmacology</i> , 2012, 144, 441-447.	2.0	19
45	Enzymatic preparation of <i>Crassostrea</i> oyster peptides and their promoting effect on male hormone production. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113382.	2.0	19
46	Two Blast-independent tools, CyPerl and CyExcel, for harvesting hundreds of novel cyclotides and analogues from plant genomes and protein databases. <i>Planta</i> , 2015, 241, 929-940.	1.6	18
47	Sea Cucumber-Derived Peptides Alleviate Oxidative Stress in Neuroblastoma Cells and Improve Survival in <i>C. elegans</i> Exposed to Neurotoxic Paraquat. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	17
48	Cryptobiosis, Aging, and Cancer: Yin-Yang Balancing of Signaling Networks. <i>Rejuvenation Research</i> , 2006, 9, 292-296.	0.9	14
49	Desiccation Response of Mammalian Cells: Anhydrosignaling. <i>Methods in Enzymology</i> , 2007, 428, 269-277.	0.4	14
50	Purification and Identification of Anti-Oxidant Soybean Peptides by Consecutive Chromatography and Electrospray Ionization-Mass Spectrometry. <i>Rejuvenation Research</i> , 2014, 17, 209-211.	0.9	13
51	Mouse toxicity of <i>Anabaena flos-aquae</i> from Lake Dianchi, China. <i>Environmental Toxicology</i> , 2009, 24, 10-18.	2.1	11
52	Modeling anhydrobiosis: activation of the mitogen-activated protein kinase ERK by dehydration in both human cells and nematodes. <i>Journal of Experimental Zoology</i> , 2010, 313A, 660-670.	1.2	11
53	Preclinical Evaluation of an Epidermal Growth Factor Receptor-Targeted Doxorubicin-Peptide Conjugate: Toxicity, Biodistribution, and Efficacy in Mice. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 639-649.	1.6	10
54	Physicochemical and geroprotective comparison of <i>Nostoc sphaeroides</i> polysaccharides across colony growth stages and with derived oligosaccharides. <i>Journal of Applied Phycology</i> , 2021, 33, 939-952.	1.5	9

#	ARTICLE	IF	CITATIONS
55	Polyproline II structure is critical for the enzyme protective function of soybean Em (LEA1) conserved domains. <i>Biotechnology Letters</i> , 2011, 33, 1667-1673.	1.1	8
56	Feeding recombinant <i>E. coli</i> with GST-mBmKTX fusion protein increases the fecundity and lifespan of <i>Caenorhabditis elegans</i> . <i>Peptides</i> , 2017, 89, 1-8.	1.2	8
57	Omics Insights into Metabolic Stress and Resilience of Rats in Response to Short-term Fructose Overfeeding. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900773.	1.5	8
58	Antioxidant and antiaging effect of traditional Thai rejuvenation medicines in <i>Caenorhabditis elegans</i> . <i>Journal of Integrative Medicine</i> , 2021, 19, 362-373.	1.4	7
59	rBmTX14 Increases the Life Span and Promotes the Locomotion of <i>Caenorhabditis Elegans</i> . <i>PLoS ONE</i> , 2016, 11, e0161847.	1.1	5
60	The Traditional Formula Kai-Xin-San Alleviates Polyglutamine-Mediated Neurotoxicity by Modulating Proteostasis Network in <i>Caenorhabditis elegans</i> . <i>Rejuvenation Research</i> , 2020, 23, 207-216.	0.9	5
61	<i>Caenorhabditis elegans</i> as a Model System for Discovering Bioactive Compounds Against Polyglutamine-Mediated Neurotoxicity. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	5
62	Characterization of the transcriptional activation domains of human TEF3-1 (transcription enhancer) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	4
63	Overview of Beverages with Anti-Aging Functions in Chinese Market. <i>Rejuvenation Research</i> , 2014, 17, 197-200.	0.9	3
64	Ophiopogon japonicus herbal tea ameliorates oxidative stress and extends lifespan in <i>caenorhabditis elegans</i> . <i>Pharmacognosy Magazine</i> , 2018, 14, 617.	0.3	2
65	Modulation of Redox and Aging-Related Signaling Pathways and Biomarkers by Naturally Derived Peptides. <i>Healthy Ageing and Longevity</i> , 2022, , 229-254.	0.2	2