

Chatrawee Duangjan

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

6,147
citations

346980

22
h-index

156644

58
g-index

59
all docs

59
docs citations

59
times ranked

16208
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	A Review of the Role of Green Tea (<i>Camellia sinensis</i>) in Antiphotaging, Stress Resistance, Neuroprotection, and Autophagy. <i>Nutrients</i> , 2019, 11, 474.	1.7	243
3	Mushroom-derived bioactive compounds potentially serve as the inhibitors of SARS-CoV-2 main protease: An in silico approach. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 158-172.	1.5	59
4	Leaf extract of <i>Caesalpinia mimosoides</i> enhances oxidative stress resistance and prolongs lifespan in <i>Caenorhabditis elegans</i> . <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 164.	3.7	56
5	<i>Glochidion zeylanicum</i> leaf extracts exhibit lifespan extending and oxidative stress resistance properties in <i>Caenorhabditis elegans</i> via DAF-16/FoxO and SKN-1/Nrf-2 signaling pathways. <i>Phytomedicine</i> , 2019, 64, 153061.	2.3	51
6	Cyanidin-3-glucoside activates Nrf2-antioxidant response element and protects against glutamate-induced oxidative and endoplasmic reticulum stress in HT22 hippocampal neuronal cells. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 46.	1.2	51
7	Lifespan Extending and Oxidative Stress Resistance Properties of a Leaf Extracts from <i>Anacardium occidentale</i> L. in <i>Caenorhabditis elegans</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	50
8	Anti-COVID-19 drug candidates: A review on potential biological activities of natural products in the management of new coronavirus infection. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 144-157.	1.5	49
9	Sex Differences in the Effects of Prenatal Bisphenol A Exposure on Genes Associated with Autism Spectrum Disorder in the Hippocampus. <i>Scientific Reports</i> , 2019, 9, 3038.	1.6	46
10	Neuroprotective Properties of Green Tea (<i>Camellia sinensis</i>) in Parkinson's Disease: A Review. <i>Molecules</i> , 2020, 25, 3926.	1.7	46
11	Investigation of epigenetic regulatory networks associated with autism spectrum disorder (ASD) by integrated global LINE-1 methylation and gene expression profiling analyses. <i>PLoS ONE</i> , 2018, 13, e0201071.	1.1	34
12	<i>Bacopa monnieri</i> (L.) Wettst. Extract protects against glutamate toxicity and increases the longevity of <i>Caenorhabditis elegans</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 460-470.	1.5	34
13	<i>Cleistocalyx nervosum</i> var. <i>paniala</i> berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. <i>Food and Chemical Toxicology</i> , 2017, 103, 279-288.	1.8	33
14	Prenatal exposure to bisphenol A alters the transcriptome-interactome profiles of genes associated with Alzheimer's disease in the offspring hippocampus. <i>Scientific Reports</i> , 2020, 10, 9487.	1.6	33
15	The effectiveness of <i>Bacopa monnieri</i> (Linn.) Wettst. as a nootropic, neuroprotective, or antidepressant supplement: analysis of the available clinical data. <i>Scientific Reports</i> , 2021, 11, 596.	1.6	33
16	Ethanol extract of <i>Streblus asper</i> leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of <i>Caenorhabditis elegans</i> . <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 551.	3.7	32
17	Integrated genome-wide Alu methylation and transcriptome profiling analyses reveal novel epigenetic regulatory networks associated with autism spectrum disorder. <i>Molecular Autism</i> , 2018, 9, 27.	2.6	32
18	<i>Clerodendrum petasites</i> S. Moore: The therapeutic potential of phytochemicals, hispidulin, vanillic acid, verbascoside, and apigenin. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109319.	2.5	29

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19	Using sigma-ligands as part of a multi-receptor approach to target diseases of the brain. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 1009-1028.	1.5	29
20	Sex differences in the effects of prenatal bisphenol A exposure on autism-related genes and their relationships with the hippocampus functions. <i>Scientific Reports</i> , 2021, 11, 1241.	1.6	29
21	Antiaging, Stress Resistance, and Neuroprotective Efficacies of <i>Cleistanthus sibiricus</i> Fruit Extracts Using <i>Caenorhabditis elegans</i> Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	26
22	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and β -amyloid-induced toxicity in <i>Caenorhabditis elegans</i> . <i>Food and Function</i> , 2020, 11, 8179-8192.	2.1	24
23	Dipentylammonium Binds to the Sigma-1 Receptor and Protects Against Glutamate Toxicity, Attenuates Dopamine Toxicity and Potentiates Neurite Outgrowth in Various Cultured Cell Lines. <i>Neurotoxicity Research</i> , 2018, 34, 263-272.	1.3	23
24	Phenotypic subgrouping and multi-omics analyses reveal reduced diazepam-binding inhibitor (DBI) protein levels in autism spectrum disorder with severe language impairment. <i>PLoS ONE</i> , 2019, 14, e0214198.	1.1	23
25	Polygonumins A, a newly isolated compound from the stem of <i>Polygonum minus</i> Huds with potential medicinal activities. <i>Scientific Reports</i> , 2018, 8, 4202.	1.6	21
26	<i>Anacardium occidentale</i> L. Leaf Extracts Protect Against Glutamate/H ₂ O ₂ -Induced Oxidative Toxicity and Induce Neurite Outgrowth: The Involvement of SIRT1/Nrf2 Signaling Pathway and Teneurin 4 Transmembrane Protein. <i>Frontiers in Pharmacology</i> , 2021, 12, 627738.	1.6	21
27	The emerging role of the sigma-1 receptor in autophagy: hand-in-hand targets for the treatment of Alzheimer's. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 401-414.	1.5	20
28	<i>Kaempferia parviflora</i> rhizome extract and <i>Myristica fragrans</i> volatile oil increase the levels of monoamine neurotransmitters and impact the proteomic profiles in the rat hippocampus: Mechanistic insights into their neuroprotective effects. <i>Journal of Traditional and Complementary Medicine</i> , 2017, 7, 538-552.	1.5	19
29	Potential Thai medicinal plants for neurodegenerative diseases: A review focusing on the anti-glutamate toxicity effect. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 301-308.	1.5	18
30	Metabolic Alterations and the Protective Effect of Punicalagin Against Glutamate-Induced Oxidative Toxicity in HT22 Cells. <i>Neurotoxicity Research</i> , 2017, 31, 521-531.	1.3	17
31	Extracts of the Tiger Milk Mushroom (<i>Lignosus rhinocerus</i>) Enhance Stress Resistance and Extend Lifespan in <i>Caenorhabditis elegans</i> via the DAF-16/FoxO Signaling Pathway. <i>Pharmaceuticals</i> , 2021, 14, 93.	1.7	17
32	Health benefits of astaxanthin against age-related diseases of multiple organs: A comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10709-10774.	5.4	17
33	<i>Acanthus ebracteatus</i> leaf extract provides neuronal cell protection against oxidative stress injury induced by glutamate. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 278.	3.7	16
34	Simple ammonium salts acting on sigma-1 receptors yield potential treatments for cancer and depression. <i>Scientific Reports</i> , 2020, 10, 9251.	1.6	16
35	Acid-base fractions separated from <i>Streblus asper</i> leaf ethanolic extract exhibited antibacterial, antioxidant, anti-acetylcholinesterase, and neuroprotective activities. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 223.	3.7	15
36	<i>Citrus hystrix</i> Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. <i>Pharmaceuticals</i> , 2020, 13, 283.	1.7	15

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37	Neuroprotective Effects against Glutamate-Induced HT-22 Hippocampal Cell Damage and <i>Caenorhabditis elegans</i> Lifespan/Healthspan Enhancing Activity of <i>Auricularia polytricha</i> Mushroom Extracts. <i>Pharmaceuticals</i> , 2021, 14, 1001.	1.7	15
38	Role of Herbal Teas in Regulating Cellular Homeostasis and Autophagy and Their Implications in Regulating Overall Health. <i>Nutrients</i> , 2021, 13, 2162.	1.7	14
39	Assessment of Anti-TNF- α Activities in Keratinocytes Expressing Inducible TNF- α : A Novel Tool for Anti-TNF- α Drug Screening. <i>PLoS ONE</i> , 2016, 11, e0159151.	1.1	13
40	Neuroprotective Effects of Extracts from Tiger Milk Mushroom <i>Lignosus rhinocerus</i> Against Glutamate-Induced Toxicity in HT22 Hippocampal Neuronal Cells and Neurodegenerative Diseases in <i>Caenorhabditis elegans</i> . <i>Biology</i> , 2021, 10, 30.	1.3	13
41	Protection from UVB Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. <i>Photochemistry and Photobiology</i> , 2014, 90, 214-224.	1.3	12
42	Epigallocatechin-3-Gallate Protects Pro-Acinar Epithelia Against Salivary Gland Radiation Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3162.	1.8	12
43	Effect of <i>Gloriosa superba</i> and <i>Catharanthus roseus</i> Extracts on IFN- γ -Induced Keratin 17 Expression in HaCaT Human Keratinocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	0.5	9
44	The protective effect of some Thai plants and their bioactive compounds in UV light-induced skin carcinogenesis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 80-89.	1.7	9
45	Oolonghomobisflavans from <i>Camellia sinensis</i> increase <i>Caenorhabditis elegans</i> lifespan and healthspan. <i>GeroScience</i> , 2022, 44, 533-545.	2.1	9
46	Protective Effect of <i>Mangifera indica</i> Linn., <i>Cocos nucifera</i> Linn., and <i>Averrhoa carambola</i> Linn. Extracts against Ultraviolet B-Induced Damage in Human Keratinocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.	0.5	8
47	The role of the sigma-1 receptor in neuroprotection: Comment on Nrf-2 as a therapeutic target in ischemic stroke. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 613-614.	1.5	8
48	Neuroprotective Effects of <i>Glochidion zeylanicum</i> Leaf Extract against H ₂ O ₂ /Glutamate-Induced Toxicity in Cultured Neuronal Cells and Al ²⁺ -Induced Toxicity in <i>Caenorhabditis elegans</i> . <i>Biology</i> , 2021, 10, 800.	1.3	7
49	<i>Caesalpinia mimosoides</i> Leaf Extract Promotes Neurite Outgrowth and Inhibits BACE1 Activity in Mutant APP-Overexpressing Neuronal Neuro2a Cells. <i>Pharmaceuticals</i> , 2021, 14, 901.	1.7	7
50	Medicinal herbs and antioxidants: potential of <i>Rhinacanthus nasutus</i> for disease treatment?. <i>Phytochemistry Reviews</i> , 2014, 13, 643-651.	3.1	6
51	A High-throughput Nonimmunological Method for Determination of Microalbuminuria Based on Utilization of Albumin Blue 580. <i>Laboratory Medicine</i> , 2008, 39, 727-729.	0.8	5
52	<i>Streblus asper</i> Lour. exerts MAPK and SKN-1 mediated anti-aging, anti-photoaging activities and imparts neuroprotection by ameliorating Al ²⁺ in <i>Caenorhabditis elegans</i> . <i>Nutrition and Healthy Aging</i> , 2021, 6, 211-227.	0.5	5
53	Receptor-interacting protein kinase 1 is a key mediator in TLR3 ligand and Smac mimetic-induced cell death and suppresses TLR3 ligand-promoted invasion in cholangiocarcinoma. <i>Cell Communication and Signaling</i> , 2020, 18, 161.	2.7	4
54	HydroZitLa inhibits calcium oxalate stone formation in nephrolithic rats and promotes longevity in nematode <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2022, 12, 5102.	1.6	4

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55	Acceleration of gene transfection efficiency in neuroblastoma cells through polyethyleneimine/poly(methyl methacrylate) core-shell magnetic nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 2783.	3.3	3
56	Data on the effects of <i>Glochidion zeylanicum</i> leaf extracts in <i>Caenorhabditis elegans</i> . <i>Data in Brief</i> , 2019, 26, 104461.	0.5	3
57	DAF-16 and SKN-1 mediate Anti-aging and Neuroprotective efficacies of Thai ginseng <i>Kaempferia parviflora</i> Rhizome extract in <i>Caenorhabditis elegans</i> . <i>Nutrition and Healthy Aging</i> , 2022, , 1-16.	0.5	2
58	Paper-Based Analytical Device for Real-Time Monitoring of Egg Hatching in the Model Nematode <i>Caenorhabditis elegans</i> . <i>ACS Sensors</i> , 2020, 5, 1750-1757.	4.0	1