Chatrawee Duangjan

List of Publications by Year
in descending order

58	6,147	304743	138484
papers	citations	22 h-index	58 g-index

59	59	59	15019
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	A Review of the Role of Green Tea (Camellia sinensis) in Antiphotoaging, Stress Resistance, Neuroprotection, and Autophagy. Nutrients, 2019, 11, 474.	4.1	243
3	Mushroom-derived bioactive compounds potentially serve as the inhibitors of SARS-CoV-2 main protease: An in silico approach. Journal of Traditional and Complementary Medicine, 2021, 11, 158-172.	2.7	59
4	Leaf extract of Caesalpinia mimosoides enhances oxidative stress resistance and prolongs lifespan in Caenorhabditis elegans. BMC Complementary and Alternative Medicine, 2019, 19, 164.	3.7	56
5	Glochidion zeylanicum leaf extracts exhibit lifespan extending and oxidative stress resistance properties in Caenorhabditis elegans via DAF-16/FoxO and SKN-1/Nrf-2 signaling pathways. Phytomedicine, 2019, 64, 153061.	5.3	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. BMC Complementary Medicine and Therapies, 2020, 20, 46.	2.7	51
7	Lifespan Extending and Oxidative Stress Resistance Properties of a Leaf Extracts from Anacardium occidentale L. in Caenorhabditis elegans. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	4.0	50
8	Anti-COVID-19 drug candidates: A review on potential biological activities of natural products in the management of new coronavirus infection. Journal of Traditional and Complementary Medicine, 2021, 11, 144-157.	2.7	49
9	Sex Differences in the Effects of Prenatal Bisphenol A Exposure on Genes Associated with Autism Spectrum Disorder in the Hippocampus. Scientific Reports, 2019, 9, 3038.	3.3	46
10	Neuroprotective Properties of Green Tea (Camellia sinensis) in Parkinsonâ€™s Disease: A Review. Molecules, 2020, 25, 3926.	3.8	46
11	Investigation of epigenetic regulatory networks associated with autism spectrum disorder (ASD) by integrated global LINE-1 methylation and gene expression profiling analyses. PLoS ONE, 2018, 13, e0201071.	2.5	34
12	Bacopa monnieri (L.) wettst. Extract protects against glutamate toxicity and increases the longevity of Caenorhabditis elegans. Journal of Traditional and Complementary Medicine, 2020, 10, 460-470.	2.7	34
13	Cleistocalyx nervosum var. paniala berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. Food and Chemical Toxicology, 2017, 103, 279-288.	3.6	33
14	Prenatal exposure to bisphenol A alters the transcriptome-interactome profiles of genes associated with Alzheimerâ€™s disease in the offspring hippocampus. Scientific Reports, 2020, 10, 9487.	3.3	33
15	The effectiveness of Bacopa monnieri (Linn.) Wettst. as a nootropic, neuroprotective, or antidepressant supplement: analysis of the available clinical data. Scientific Reports, 2021, 11, 596.	3.3	33
16	Ethanolic extract of Streblus asper leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of Caenorhabditis elegans. BMC Complementary and Alternative Medicine, 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. Molecular Autism, 2018, 9, 27.	4.9	32
18	Clerodendrum petasites S. Moore: The therapeutic potential of phytochemicals, hispidulin, vanillic acid, verbascoside, and apigenin. Biomedicine and Pharmacotherapy, 2019, 118, 109319.	5.6	29

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19	Using sigma-ligands as part of a multi-receptor approach to target diseases of the brain. Expert Opinion on Therapeutic Targets, 2020, 24, 1009-1028.	3.4	29
20	Sex differences in the effects of prenatal bisphenol A exposure on autism-related genes and their relationships with the hippocampus functions. Scientific Reports, 2021, 11, 1241.	3.3	29
21	Antiaging, Stress Resistance, and Neuroprotective Efficacies ofCleistocalyx nervosumvar.panialaFruit Extracts UsingCaenorhabditis elegansModel. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	26
22	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and Î²-amyloid-induced toxicity inCaenorhabditis elegans. Food and Function, 2020, 11, 8179-8192.	4.6	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. Neurotoxicity Research, 2018, 34, 263-272.	2.7	23
24	Phenotypic subgrouping and multi-omics analyses reveal reduced diazepam-binding inhibitor (DBI) protein levels in autism spectrum disorder with severe language impairment. PLoS ONE, 2019, 14, e0214198.	2.5	23
25	Polygonumins A, a newly isolated compound from the stem of Polygonum minus Huds with potential medicinal activities. Scientific Reports, 2018, 8, 4202.	3.3	21
26	Anacardium Occidentale L. Leaf Extracts Protect Against Glutamate/H2O2-Induced Oxidative Toxicity and Induce Neurite Outgrowth: The Involvement of SIRT1/Nrf2 Signaling Pathway and Teneurin 4 Transmembrane Protein. Frontiers in Pharmacology, 2021, 12, 627738.	3.5	21
27	The emerging role of the sigma-1 receptor in autophagy: hand-in-hand targets for the treatment of Alzheimerâ€™s. Expert Opinion on Therapeutic Targets, 2021, 25, 401-414.	3.4	20
28	Kaempferia parviflora rhizome extract and Myristica fragrans volatile oil increase the levels of monoamine neurotransmitters and impact the proteomic profiles in the rat hippocampus: Mechanistic insights into their neuroprotective effects. Journal of Traditional and Complementary Medicine, 2017, 7, 538-552.	2.7	19
29	Potential Thai medicinal plants for neurodegenerative diseases: A review focusing on the anti-glutamate toxicity effect. Journal of Traditional and Complementary Medicine, 2020, 10, 301-308.	2.7	18
30	Metabolic Alterations and the Protective Effect of Punicalagin Against Glutamate-Induced Oxidative Toxicity in HT22 Cells. Neurotoxicity Research, 2017, 31, 521-531.	2.7	17
31	Extracts of the Tiger Milk Mushroom (Lignosus rhinocerus) Enhance Stress Resistance and Extend Lifespan in Caenorhabditis elegans via the DAF-16/FoxO Signaling Pathway. Pharmaceuticals, 2021, 14, 93.	3.8	17
32	Health benefits of astaxanthin against age-related diseases of multiple organs: A comprehensive review. Critical Reviews in Food Science and Nutrition, 2023, 63, 10709-10774.	10.3	17
33	Acanthus ebracteatus leaf extract provides neuronal cell protection against oxidative stress injury induced by glutamate. BMC Complementary and Alternative Medicine, 2018, 18, 278.	3.7	16
34	Simple ammonium salts acting on sigma-1 receptors yield potential treatments for cancer and depression. Scientific Reports, 2020, 10, 9251.	3.3	16
35	Acid-base fractions separated from Streblus asper leaf ethanolic extract exhibited antibacterial, antioxidant, anti-acetylcholinesterase, and neuroprotective activities. BMC Complementary and Alternative Medicine, 2018, 18, 223.	3.7	15
36	Citrus hystrix Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. Pharmaceuticals, 2020, 13, 283.	3.8	15

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37	Neuroprotective Effects against Glutamate-Induced HT-22 Hippocampal Cell Damage and Caenorhabditis elegans Lifespan/Healthspan Enhancing Activity of Auricularia polytricha Mushroom Extracts. Pharmaceuticals, 2021, 14, 1001.	3.8	15
38	Role of Herbal Teas in Regulating Cellular Homeostasis and Autophagy and Their Implications in Regulating Overall Health. Nutrients, 2021, 13, 2162.	4.1	14
39	Assessment of Anti-TNF-Î± Activities in Keratinocytes Expressing Inducible TNF- Î±: A Novel Tool for Anti-TNF-Î± Drug Screening. PLoS ONE, 2016, 11, e0159151.	2.5	13
40	Neuroprotective Effects of Extracts from Tiger Milk Mushroom Lignosus rhinocerus Against Glutamate-Induced Toxicity in HT22 Hippocampal Neuronal Cells and Neurodegenerative Diseases in Caenorhabditis elegans. Biology, 2021, 10, 30.	2.8	13
41	Protection from <scp>UVB</scp> Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. Photochemistry and Photobiology, 2014, 90, 214-224.	2.5	12
42	Epigallocatechin-3-Gallate Protects Pro-Acinar Epithelia Against Salivary Gland Radiation Injury. International Journal of Molecular Sciences, 2021, 22, 3162.	4.1	12
43	Effect ofGloriosa superbaandCatharanthus roseusExtracts on IFN-Î³-Induced Keratin 17 Expression in HaCaT Human Keratinocytes. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11.	1.2	9
44	The protective effect of some Thai plants and their bioactive compounds in UV light-induced skin carcinogenesis. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 80-89.	3.8	9
45	Oolonghomobisflavans from Camellia sinensis increase Caenorhabditis elegans lifespan and healthspan. GeroScience, 2022, 44, 533-545.	4.6	9
46	Protective Effect ofMangifera indicaLinn.,Cocos nuciferaLinn., andAverrhoa carambolaLinn. Extracts against Ultraviolet B-Induced Damage in Human Keratinocytes. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-9.	1.2	8
47	The role of the sigma-1 receptor in neuroprotection: Comment on Nrf-2 as a therapeutic target in ischemic stroke. Expert Opinion on Therapeutic Targets, 2021, 25, 613-614.	3.4	8
48	Neuroprotective Effects of Glochidion zeylanicum Leaf Extract against H2O2/Glutamate-Induced Toxicity in Cultured Neuronal Cells and Aî²-Induced Toxicity in Caenorhabditis elegans. Biology, 2021, 10, 800.	2.8	7
49	Caesalpinia mimosoides Leaf Extract Promotes Neurite Outgrowth and Inhibits BACE1 Activity in Mutant APP-Overexpressing Neuronal Neuro2a Cells. Pharmaceuticals, 2021, 14, 901.	3.8	7
50	Medicinal herbs and antioxidants: potential of Rhinacanthus nasutus for disease treatment?. Phytochemistry Reviews, 2014, 13, 643-651.	6.5	6
51	A High-throughput Nonimmunological Method for Determination of Microalbuminuria Based on Utilization of Albumin Blue 580. Laboratory Medicine, 2008, 39, 727-729.	1.2	5
52	Streblus asper Lour. exerts MAPK and SKN-1 mediated anti-aging, anti-photoaging activities and imparts neuroprotection by ameliorating Aî² in Caenorhabditis elegans. Nutrition and Healthy Aging, 2021, 6, 211-227.	1.1	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. Cell Communication and Signaling, 2020, 18, 161.	6.5	4
54	HydroZitLa inhibits calcium oxalate stone formation in nephrolithic rats and promotes longevity in nematode Caenorhabditis elegans. Scientific Reports, 2022, 12, 5102.	3.3	4

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55	Acceleration of gene transfection efficiency in neuroblastoma cells through polyethyleneimine/poly(methyl methacrylate) core-shell magnetic nanoparticles. International Journal of Nanomedicine, 2012, 7, 2783.	6.7	3
56	Data on the effects of Glochidion zeylanicum leaf extracts in Caenorhabditis elegans. Data in Brief, 2019, 26, 104461.	1.0	3
57	DAF-16 and SKN-1 mediate Anti-aging and Neuroprotective efficacies of â€œthai ginsengâ€•Kaempferia parviflora Rhizome extract in Caenorhabditis elegans. Nutrition and Healthy Aging, 2022, , 1-16.	1.1	2
58	Paper-Based Analytical Device for Real-Time Monitoring of Egg Hatching in the Model Nematode Caenorhabditis elegans. ACS Sensors, 2020, 5, 1750-1757.	7.8	1