

James Brimson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

4,465
citations

15
h-index

45
g-index

45
ext. papers

5,280
ext. citations

5.6
avg, IF

4.81
L-index

#	Paper	IF	Citations
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
43	A Review of the Role of Green Tea () in Antiphotaging, Stress Resistance, Neuroprotection, and Autophagy. <i>Nutrients</i> , 2019 , 11,	6.7	125
42	Rhinacanthus nasutus extracts prevent glutamate and amyloid- β neurotoxicity in HT-22 mouse hippocampal cells: possible active compounds include lupeol, stigmasterol and β -sitosterol. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 5074-97	6.3	50
41	Amyloidosis in Alzheimer's Disease: The Toxicity of Amyloid Beta (A β), Mechanisms of Its Accumulation and Implications of Medicinal Plants for Therapy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 413808	2.3	45
40	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	4.7	26
39	Rhinacanthus nasutus protects cultured neuronal cells against hypoxia induced cell death. <i>Molecules</i> , 2011 , 16, 6322-38	4.8	26
38	Cleistocalyx nervosum var. paniala berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. <i>Food and Chemical Toxicology</i> , 2017 , 103, 279-288	4.7	22
37	Antagonists show GTP-sensitive high-affinity binding to the sigma-1 receptor. <i>British Journal of Pharmacology</i> , 2011 , 164, 772-80	8.6	22
36	Neuroprotective Properties of Green Tea () in Parkinson's Disease: A Review. <i>Molecules</i> , 2020 , 25,	4.8	22
35	The Potential for Plant Derivatives against Acrylamide Neurotoxicity. <i>Phytotherapy Research</i> , 2015 , 29, 978-85	6.7	21
34	Mushroom-derived bioactive compounds potentially serve as the inhibitors of SARS-CoV-2 main protease: An approach. <i>Journal of Traditional and Complementary Medicine</i> , 2021 , 11, 158-172	4.6	21
33	(L.) . Extract protects against glutamate toxicity and increases the longevity of. <i>Journal of Traditional and Complementary Medicine</i> , 2020 , 10, 460-470	4.6	18
32	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	6.4	16
31	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	4.6	15
30	Antiaging, Stress Resistance, and Neuroprotective Efficacies of var. Fruit Extracts Using Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 7024785	6.7	15
29	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	4.3	14
28	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and β -amyloid-induced toxicity in. <i>Food and Function</i> , 2020 , 11, 8179-8192	6.1	14

27	Metabolic Alterations and the Protective Effect of Punicalagin Against Glutamate-Induced Oxidative Toxicity in HT22 Cells. <i>Neurotoxicity Research</i> , 2017 , 31, 521-531	4.3	13
26	Clerodendrum petasites S. Moore: The therapeutic potential of phytochemicals, hispidulin, vanillic acid, verbascoside, and apigenin. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 118, 109319	7.5	12
25	Acanthus ebracteatus leaf extract provides neuronal cell protection against oxidative stress injury induced by glutamate. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 278	4.7	11
24	Protection from UVB Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. <i>Photochemistry and Photobiology</i> , 2014 , 90, 214-24	3.6	10
23	The effectiveness of Bacopa monnieri (Linn.) Wettst. as a nootropic, neuroprotective, or antidepressant supplement: analysis of the available clinical data. <i>Scientific Reports</i> , 2021 , 11, 596	4.9	10
22	Acid-base fractions separated from Streblus asper leaf ethanolic extract exhibited antibacterial, antioxidant, anti-acetylcholinesterase, and neuroprotective activities. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 223	4.7	10
21	Simple ammonium salts acting on sigma-1 receptors yield potential treatments for cancer and depression. <i>Scientific Reports</i> , 2020 , 10, 9251	4.9	9
20	Drugs that offer the potential to reduce hospitalization and mortality from SARS-CoV-2 infection: The possible role of the sigma-1 receptor and autophagy. <i>Expert Opinion on Therapeutic Targets</i> , 2021 , 25, 435-449	6.4	8
19	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	4.6	7
18	Leaf Extract Protects Against Glutamate-Induced Oxidative Toxicity in HT22 Hippocampal Neuronal Cells and Increases Stress Resistance Properties in. <i>Frontiers in Nutrition</i> , 2021 , 8, 634100	6.2	7
17	Medicinal herbs and antioxidants: potential of Rhinacanthus nasutus for disease treatment?. <i>Phytochemistry Reviews</i> , 2014 , 13, 643-651	7.7	6
16	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	6.4	6
15	"Tea" Infusions and the Medicinal Benefits of the Constituent Phytochemicals. <i>Nutrients</i> , 2020 , 12,	6.7	5
14	Epigallocatechin-3-Gallate Protects Pro-Acinar Epithelia Against Salivary Gland Radiation Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
13	Are fluoxetine's effects due to sigma-1 receptor agonism?. <i>Pharmacological Research</i> , 2016 , 113, 707-708	6.2	5
12	Plant Polyphenols for Aging Health: Implication from Their Autophagy Modulating Properties in Age-Associated Diseases. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	5
11	Mucuna pruriens Seed Extract Promotes Neurite Outgrowth via TEN-4 Dependent and Independent Mechanisms in NEURO2A Cells 2018 , 47, 3009-3015		4
10	Role of Herbal Teas in Regulating Cellular Homeostasis and Autophagy and Their Implications in Regulating Overall Health. <i>Nutrients</i> , 2021 , 13,	6.7	4

9	Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	3
8	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	6.4	3
7	Nutritional anemia predominant form of anemia in educated young Thai women. <i>Ethnicity and Health</i> , 2019 , 24, 405-414	2.2	3
6	Rhinacanthus Nasutus Extract as a Neuroprotectant 2015 , 77-84		2
5	Leaf Extract Promotes Neurite Outgrowth and Inhibits BACE1 Activity in Mutant APP-Overexpressing Neuronal Neuro2a Cells. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
4	Neuroprotective Effects against Glutamate-Induced HT-22 Hippocampal Cell Damage and Lifespan/Healthspan Enhancing Activity of Mushroom Extracts. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
3	Paper-Based Analytical Device for Real-Time Monitoring of Egg Hatching in the Model Nematode. <i>ACS Sensors</i> , 2020 , 5, 1750-1757	9.2	1
2	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	4.9	0
1	Rhinacanthin-C but Not -D Extracted from <i>Rhinacanthus nasutus</i> (L.) Kurz Offers Neuroprotection via ERK, CHOP, and LC3B Pathways. <i>Pharmaceuticals</i> , 2022 , 15, 627	5.2	