James Brimson

List of Publications by Year in Descending Order

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	HydroZitLa inhibits calcium oxalate stone formation in nephrolithic rats and promotes longevity in nematode Caenorhabditis elegans.. *Scientific Reports*, **2022**, 12, 5102	4.9	0
43	Rhinacanthin-C but Not -D Extracted from Rhinacanthus nasutus (L.) Kurz Offers Neuroprotection via ERK, CHOP, and LC3B Pathways. *Pharmaceuticals*, **2022**, 15, 627	5.2	
42	Leaf Extract Protects Against Glutamate-Induced Oxidative Toxicity in HT22 Hippocampal Neuronal Cells and Increases Stress Resistance Properties in. *Frontiers in Nutrition*, **2021**, 8, 634100	6.2	7
41	Mushroom-derived bioactive compounds potentially serve as the inhibitors of SARS-CoV-2 main protease: An approach. *Journal of Traditional and Complementary Medicine*, **2021**, 11, 158-172	4.6	21
40	Epigallocatechin-3-Gallate Protects Pro-Acinar Epithelia Against Salivary Gland Radiation Injury. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
39	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	4.6	15
38	The emerging role of the sigma-1 receptor in autophagy: hand-in-hand targets for the treatment of Alzheimer's. *Expert Opinion on Therapeutic Targets*, **2021**, 25, 401-414	6.4	6
37	Role of Herbal Teas in Regulating Cellular Homeostasis and Autophagy and Their Implications in Regulating Overall Health. *Nutrients*, **2021**, 13,	6.7	4
36	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. *Expert Opinion on Therapeutic Targets*, **2021**, 25, 435-449	6.4	8
35	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	6.4	3
34	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	4.9	10
33	Leaf Extract Promotes Neurite Outgrowth and Inhibits BACE1 Activity in Mutant APP-Overexpressing Neuronal Neuro2a Cells. *Pharmaceuticals*, **2021**, 14,	5.2	2
32	Neuroprotective Effects against Glutamate-Induced HT-22 Hippocampal Cell Damage and Lifespan/Healthspan Enhancing Activity of Mushroom Extracts. *Pharmaceuticals*, **2021**, 14,	5.2	2
31	Plant Polyphenols for Aging Health: Implication from Their Autophagy Modulating Properties in Age-Associated Diseases. *Pharmaceuticals*, **2021**, 14,	5.2	5
30	"Tea" Infusions and the Medicinal Benefits of the Constituent Phytochemicals. *Nutrients*, **2020**, 12,	6.7	5
29	Paper-Based Analytical Device for Real-Time Monitoring of Egg Hatching in the Model Nematode. *ACS Sensors*, **2020**, 5, 1750-1757	9.2	1
28	Simple ammonium salts acting on sigma-1 receptors yield potential treatments for cancer and depression. *Scientific Reports*, **2020**, 10, 9251	4.9	9

27	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	4.6	7
26	Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. *Pharmaceuticals*, **2020**, 13,	5.2	3
25	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	6.4	16
24	Neuroprotective Properties of Green Tea () in Parkinson Disease: A Review. *Molecules*, **2020**, 25,	4.8	22
23	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and amyloid-induced toxicity in. *Food and Function*, **2020**, 11, 8179-8192	6.1	14
22	(L.) . Extract protects against glutamate toxicity and increases the longevity of. *Journal of Traditional and Complementary Medicine*, **2020**, 10, 460-470	4.6	18
21	A Review of the Role of Green Tea () in Antiphotoaging, Stress Resistance, Neuroprotection, and Autophagy. *Nutrients*, **2019**, 11,	6.7	125
20	Clerodendrum petasites S. Moore: The therapeutic potential of phytochemicals, hispidulin, vanillic acid, verbascoside, and apigenin. *Biomedicine and Pharmacotherapy*, **2019**, 118, 109319	7.5	12
19	Antiaging, Stress Resistance, and Neuroprotective Efficacies of var. Fruit Extracts Using Model. *Oxidative Medicine and Cellular Longevity*, **2019**, 2019, 7024785	6.7	15
18	Nutritional anemia predominant form of anemia in educated young Thai women. *Ethnicity and Health*, **2019**, 24, 405-414	2.2	3
17	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	4.3	14
16	Mucuna pruriens Seed Extract Promotes Neurite Outgrowth via TEN-4 Dependent and Independent Mechanisms in NEURO2A Cells **2018**, 47, 3009-3015		4
15	Acanthus ebracteatus leaf extract provides neuronal cell protection against oxidative stress injury induced by glutamate. *BMC Complementary and Alternative Medicine*, **2018**, 18, 278	4.7	11
14	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	4.7	10
13	Metabolic Alterations and the Protective Effect of Punicalagin Against Glutamate-Induced Oxidative Toxicity in HT22 Cells. *Neurotoxicity Research*, **2017**, 31, 521-531	4.3	13
12	Cleistocalyx nervosum var. paniala berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. *Food and Chemical Toxicology*, **2017**, 103, 279-288	4.7	22
11	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	4.7	26
10	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838

9	Are fluoxetine's effects due to sigma-1 receptor agonism?. *Pharmacological Research*, **2016**, 113, 707-708	10.2	5
8	The Potential for Plant Derivatives against Acrylamide Neurotoxicity. *Phytotherapy Research*, **2015**, 29, 978-85	6.7	21
7	Rhinacanthus Nasutus Extract as a Neuroprotectant **2015**, 77-84		2
6	Medicinal herbs and antioxidants: potential of Rhinacanthus nasutus for disease treatment?. *Phytochemistry Reviews*, **2014**, 13, 643-651	7.7	6
5	Protection from UVB Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. *Photochemistry and Photobiology*, **2014**, 90, 214-24	3.6	10
4	Amyloidosis in Alzheimer's Disease: The Toxicity of Amyloid Beta (A), Mechanisms of Its Accumulation and Implications of Medicinal Plants for Therapy. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 413808	2.3	45
3	Rhinacanthus nasutus extracts prevent glutamate and amyloid- neurotoxicity in HT-22 mouse hippocampal cells: possible active compounds include lupeol, stigmasterol and sitosterol. *International Journal of Molecular Sciences*, **2012**, 13, 5074-97	6.3	50
2	Rhinacanthus nasutus protects cultured neuronal cells against hypoxia induced cell death. *Molecules*, **2011**, 16, 6322-38	4.8	26
1	Antagonists show GTP-sensitive high-affinity binding to the sigma-1 receptor. *British Journal of Pharmacology*, **2011**, 164, 772-80	8.6	22