

# James Brimson

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

5,884  
citations

361045

20  
h-index

243296

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

14604  
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 Antiphotoaging, Stress Resistance, Neuroprotection, and Autophagy. <i>Nutrients</i> , 2019, 11, 474.	1.7	243
3	Rhinacanthus nasutus Extracts Prevent Glutamate and Amyloid- $\beta^2$ Neurotoxicity in HT-22 Mouse Hippocampal Cells: Possible Active Compounds Include Lupeol, Stigmasterol and $\beta^2$ -Sitosterol. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5074-5097.	1.8	65
4	Amyloidosis in Alzheimer's Disease: The Toxicity of Amyloid Beta ( $A\beta$ ), Mechanisms of Its Accumulation and Implications of Medicinal Plants for Therapy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	63
5	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
6	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
7	Neuroprotective Properties of Green Tea ( <i>Camellia sinensis</i> ) in Parkinson's Disease: A Review. <i>Molecules</i> , 2020, 25, 3926.	1.7	46
8	Rhinacanthus nasutus Protects Cultured Neuronal Cells against Hypoxia Induced Cell Death. <i>Molecules</i> , 2011, 16, 6322-6338.	1.7	34
9	Bacopa monnieri (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
10	Cleistocalyx nervosum var. paniala berry fruit protects neurotoxicity against endoplasmic reticulum stress-induced apoptosis. <i>Food and Chemical Toxicology</i> , 2017, 103, 279-288.	1.8	33
11	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.	1.6	33
12	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
13	<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
14	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
15	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.	1.5	27
16	Antagonists show GTP-sensitive high-affinity binding to the sigma-1 receptor. <i>British Journal of Pharmacology</i> , 2011, 164, 772-780.	2.7	26
17	Antiaging, Stress Resistance, and Neuroprotective Efficacies of <i>Cleistocalyx nervosum</i> var. <i>paniala</i> Fruit Extracts Using <i>Caenorhabditis elegans</i> Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	26
18	The Potential for Plant Derivatives against Acrylamide Neurotoxicity. <i>Phytotherapy Research</i> , 2015, 29, 978-985.	2.8	24

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19	Neuroprotective effects of oolong tea extracts against glutamate-induced toxicity in cultured neuronal cells and $\beta$ -amyloid-induced toxicity in <i>Caenorhabditis elegans</i> . <i>Food and Function</i> , 2020, 11, 8179-8192.	2.1	24
20	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
21	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
22	Plant Polyphenols for Aging Health: Implication from Their Autophagy Modulating Properties in Age-Associated Diseases. <i>Pharmaceuticals</i> , 2021, 14, 982.	1.7	19
23	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
24	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
25	<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
26	<i>Rhinacanthus nasutus</i> Tea Infusions and the Medicinal Benefits of the Constituent Phytochemicals. <i>Nutrients</i> , 2020, 12, 3776.	1.7	16
27	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
28	<i>Vitis Vinifera</i> Leaf Extract Protects Against Glutamate-Induced Oxidative Toxicity in HT22 Hippocampal Neuronal Cells and Increases Stress Resistance Properties in <i>Caenorhabditis Elegans</i> . <i>Frontiers in Nutrition</i> , 2021, 8, 634100.	1.6	16
29	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
30	<i>Citrus hystrix</i> Extracts Protect Human Neuronal Cells against High Glucose-Induced Senescence. <i>Pharmaceuticals</i> , 2020, 13, 283.	1.7	15
31	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
32	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
33	<i>Momordica charantia</i> L. Extract Protects Hippocampal Neuronal Cells against PAHs-Induced Neurotoxicity: Possible Active Constituents Include Stigmasterol and Vitamin E. <i>Nutrients</i> , 2021, 13, 2368.	1.7	13
34	Protection from UVB Toxicity in Human Keratinocytes by Thailand Native Herbs Extracts. <i>Photochemistry and Photobiology</i> , 2014, 90, 214-224.	1.3	12
35	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
36	Nutritional anemia predominant form of anemia in educated young Thai women. <i>Ethnicity and Health</i> , 2019, 24, 405-414.	1.5	9

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37	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
38	Caesalpinia mimosoides 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
39	Medicinal herbs and antioxidants: potential of <i>Rhinacanthus nasutus</i> for disease treatment?. <i>Phytochemistry Reviews</i> , 2014, 13, 643-651.	3.1	6
40	Are fluoxetine's effects due to sigma-1 receptor agonism?. <i>Pharmacological Research</i> , 2016, 113, 707-708.	3.1	6
41	<i>Mucuna pruriens</i> Seed Extract Promotes Neurite Outgrowth via TEN-4 Dependent and Independent Mechanisms in NEURO2A Cells. <i>Sains Malaysiana</i> , 2018, 47, 3009-3015.	0.3	4
42	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
43	<i>Rhinacanthus Nasutus</i> Extract as a Neuroprotectant. , 2015, , 77-84.		3
44	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.	1.7	2
45	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