Chia-Wei Phan

List of Publications by Year
in descending order

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		430754	414303
41	1,109	18	32
papers	citations	h-index	g-index

41	41	41	1468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Î²-Glucan-Rich Extract of Gray Oyster Mushroom, Pleurotus pulmonarius, Improves Object Recognition Memory and Hippocampus Morphology in Mice Fed a High-Fat Diet. Journal of Medicinal Food, 2022, 25, 230-238.	0.8	4
2	Synthesized 2-Trifluoromethylquinazolines and Quinazolinones Protect BV2 and N2a Cells against LPS- and H2O2-induced Cytotoxicity. Medicinal Chemistry, 2021, 17, 623-629.	0.7	4
3	Induction of Apoptosis in HeLa Cells by a Novel Peptide from Fruiting Bodies of Morchella importuna via the Mitochondrial Apoptotic Pathway. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14.	0.5	5
4	POISONING CASES OF NOXIOUS SUBSTANCES EATEN AS FOOD: A RETROSPECTIVE STUDY AT A TEACHING HOSPITAL IN MALAYSIA. Malaysian Journal of Public Health Medicine, 2021, 21, 178-189.	0.1	0
5	A 53-Year Bibliometric and Scientometric Analysis of Research in Culinary and Medicinal Mushrooms. International Journal of Medicinal Mushrooms, 2020, 22, 521-534.	0.9	7
6	Modulation of neuroinflammatory pathways by medicinal mushrooms, with particular relevance to Alzheimer's disease. Trends in Food Science and Technology, 2020, 104, 153-162.	7.8	23
7	Dietary amino acid ergothioneine protects HT22 hippocampal neurons against H2O2-induced neurotoxicity via antioxidative mechanism. PharmaNutrition, 2020, 13, 100214.	0.8	11
8	Comparative Neuroprotective, Anti-Inflammatory and Neurite Outgrowth Activities of Extracts of King Oyster Mushroom, Pleurotus eryngii (Agaricomycetes). International Journal of Medicinal Mushrooms, 2020, 22, 1171-1181.	0.9	7
9	Lipids in an Ethyl Acetate Fraction of Caterpillar Medicinal Mushroom, Cordyceps militaris (Ascomycetes), Reduce Nitric Oxide Production in BV2 Cells via NRF2 and NF-ÎºB Pathways. International Journal of Medicinal Mushrooms, 2020, 22, 1215-1223.	0.9	6
10	Lionâ€™s Mane Mushroom, Hericium erinaceus (Bull.: Fr.) Pers. Suppresses H2O2-Induced Oxidative Damage and LPS-Induced Inflammation in HT22 Hippocampal Neurons and BV2 Microglia. Antioxidants, 2019, 8, 261.	2.2	44
11	Dietary Polyphenols: A Multifactorial Strategy to Target Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2019, 20, 5090.	1.8	57
12	Bioactive Molecules in Edible and Medicinal Mushrooms for Human Wellness. Reference Series in Phytochemistry, 2019, , 1597-1620.	0.2	3
13	Giant oyster mushroom,Pleurotus giganteus(Agaricomycetes): Current status of the cultivation methods, chemical composition, biological, and health-promoting properties. Food Reviews International, 2019, 35, 324-341.	4.3	6
14	Bioactive Molecules in Edible and Medicinal Mushrooms for Human Wellness. Reference Series in Phytochemistry, 2018, , 1-24.	0.2	4
15	The role of chalcones: helichrysetin, xanthohumol, and flavokawin-C in promoting neurite outgrowth in PC12 Adh cells. Natural Product Research, 2018, 32, 1229-1233.	1.0	4
16	A review on the nucleic acid constituents in mushrooms: nucleobases, nucleosides and nucleotides. Critical Reviews in Biotechnology, 2018, 38, 762-777.	5.1	43
17	Neuroactive Components of Culinary and Medicinal Mushrooms With Potential to Mitigate Age-Related Neurodegenerative Diseases. , 2018, , 401-413.		3
18	Do Culinary Mushrooms Have Fibrinolytic Activities?. Biomedical Reviews, 2018, 28, 91.	0.6	2

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19	Cell Proliferation and DNA Repair Ability of Ganoderma neo-japonicum (Agaricomycetes): An Indigenous Medicinal Mushroom from Malaysia. International Journal of Medicinal Mushrooms, 2018, 20, 155-163.	0.9	7
20	Surface Decoration of Selenium Nanoparticles by Proteins from the Culinary-Medicinal Shiitake Mushroom, Lentinus edodes (Agaricomycetes), for Enhanced Fibrinolytic Activity. International Journal of Medicinal Mushrooms, 2018, 20, 1021-1030.	0.9	4
21	Edible and Medicinal Mushrooms: Emerging Brain Food for the Mitigation of Neurodegenerative Diseases. Journal of Medicinal Food, 2017, 20, 1-10.	0.8	71
22	A Status Review of the Bioactive Activities of Tiger Milk Mushroom Lignosus rhinocerotis (Cooke) Ryvarden. Frontiers in Pharmacology, 2017, 8, 998.	1.6	32
23	Negletein as a neuroprotectant enhances the action of nerve growth factor and induces neurite outgrowth in PC12 cells. BioFactors, 2016, 42, 591-599.	2.6	8
24	Ganoderma neo-japonicum Imazeki revisited: Domestication study and antioxidant properties of its basidiocarps and mycelia. Scientific Reports, 2015, 5, 12515.	1.6	19
25	Restoration of sensory dysfunction following peripheral nerve injury by the polysaccharide from culinary and medicinal mushroom, Hericium erinaceus (Bull.: Fr.) Pers. through its neuroregenerative action. Food Science and Technology, 2015, 35, 712-721.	0.8	25
26	Therapeutic potential of culinary-medicinal mushrooms for the management of neurodegenerative diseases: diversity, metabolite, and mechanism. Critical Reviews in Biotechnology, 2015, 35, 355-368.	5.1	115
27	Uridine from Pleurotus giganteus and Its Neurite Outgrowth Stimulatory Effects with Underlying Mechanism. PLoS ONE, 2015, 10, e0143004.	1.1	16
28	Intrastrain Comparison of the Chemical Composition and Antioxidant Activity of an Edible Mushroom,Pleurotus giganteus, and Its Potent Neuritogenic Properties. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	15
29	Oil Palm Empty Fruit Bunch and Sugarcane Bagasse Enhance the Bioremediation of Soil Artificially Polluted by Crude Oil. Soil and Sediment Contamination, 2014, 23, 751-762.	1.1	23
30	Hericium erinaceus (Bull.: Fr) Pers. cultivated under tropical conditions: isolation of hericenones and demonstration of NGF-mediated neurite outgrowth in PC12 cells via MEK/ERK and PI3K-Akt signaling pathways. Food and Function, 2014, 5, 3160-3169.	2.1	63
31	Biodegradation of Crude Oil by Constructed Bacterial Consortia and the Constituent Single Bacteria Isolated From Malaysia. Bioremediation Journal, 2013, 17, 1-10.	1.0	46
32	A Comparative Study on Biosurfactant Activity of Crude Oilâ€“Degrading Bacteria and Its Correlation to Total Petroleum Hydrocarbon Degradation. Bioremediation Journal, 2013, 17, 240-251.	1.0	21
33	Gastroprotective Effects of Lionâ€™s Mane MushroomHericium erinaceus(Bull.:Fr.) Pers. (Aphyllophoromycetideae) Extract against Ethanol-Induced Ulcer in Rats. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	0.5	48
34	Polysaccharides-Rich Extract ofGanoderma lucidum(M.A. Curtis:Fr.) P. Karst Accelerates Wound Healing in Streptozotocin-Induced Diabetic Rats. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	0.5	48
35	Neurite outgrowth stimulatory effects of culinary-medicinal mushrooms and their toxicity assessment using differentiating Neuro-2a and embryonic fibroblast BALB/3T3. BMC Complementary and Alternative Medicine, 2013, 13, 261.	3.7	61
36	Lipid Constituents of the Edible Mushroom, Pleurotus giganteus Demonstrate Anti-Candida Activity. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	6

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37	Lipid constituents of the edible mushroom, Pleurotus giganteus demonstrate anti-Candida activity. Natural Product Communications, 2013, 8, 1763-5.	0.2	5
38	Potential uses of spent mushroom substrate and its associated lignocellulosic enzymes. Applied Microbiology and Biotechnology, 2012, 96, 863-873.	1.7	204
39	Pleurotus giganteus (Berk.) Karunarathna & K.D. Hyde: Nutritional value and in vitro neurite outgrowth activity in rat pheochromocytoma cells. BMC Complementary and Alternative Medicine, 2012, 12, 102.	3.7	38
40	Lipid-rich fraction of the sclerotium of Tiger Milk Mushroom Lignosus rhinocerotis (Agaricomycetes) attenuates LPS-induced inflammation in BV2 cells via Nrf2 pathway. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	1
41	Uridine From a Standardized Aqueous Extract of Giant Oyster Mushroom, Pleurotus giganteus Inhibits Amyloid Î² (AÎ²)-Induced Cytotoxicity in Human Neuroblastoma SH-SY5Y Cells. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 0, , 1.	0.4	0