

Chia-Wei Phan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7838152/publications.pdf>

Version: 2024-02-01

41
papers

1,109
citations

430754

18
h-index

414303

32
g-index

41
all docs

41
docs citations

41
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential uses of spent mushroom substrate and its associated lignocellulosic enzymes. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 863-873.	1.7	204
2	Therapeutic potential of culinary-medicinal mushrooms for the management of neurodegenerative diseases: diversity, metabolite, and mechanism. <i>Critical Reviews in Biotechnology</i> , 2015, 35, 355-368.	5.1	115
3	Edible and Medicinal Mushrooms: Emerging Brain Food for the Mitigation of Neurodegenerative Diseases. <i>Journal of Medicinal Food</i> , 2017, 20, 1-10.	0.8	71
4	<i>Hericium erinaceus</i> (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. <i>Food and Function</i> , 2014, 5, 3160-3169.	2.1	63
5	Neurite outgrowth stimulatory effects of culinary-medicinal mushrooms and their toxicity assessment using differentiating Neuro-2a and embryonic fibroblast BALB/3T3. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 261.	3.7	61
6	Dietary Polyphenols: A Multifactorial Strategy to Target Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5090.	1.8	57
7	Gastroprotective Effects of Lion's Mane Mushroom <i>Herichium erinaceus</i> (Bull.:Fr.) Pers. (Aphyllophoromycetidae) Extract against Ethanol-Induced Ulcer in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	0.5	48
8	Polysaccharides-Rich Extract of <i>Ganoderma lucidum</i> (M.A. Curtis:Fr.) P. Karst Accelerates Wound Healing in Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	0.5	48
9	Biodegradation of Crude Oil by Constructed Bacterial Consortia and the Constituent Single Bacteria Isolated From Malaysia. <i>Bioremediation Journal</i> , 2013, 17, 1-10.	1.0	46
10	Lion's Mane Mushroom, <i>Herichium erinaceus</i> (Bull.: Fr.) Pers. Suppresses H ₂ O ₂ -Induced Oxidative Damage and LPS-Induced Inflammation in HT22 Hippocampal Neurons and BV2 Microglia. <i>Antioxidants</i> , 2019, 8, 261.	2.2	44
11	A review on the nucleic acid constituents in mushrooms: nucleobases, nucleosides and nucleotides. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 762-777.	5.1	43
12	<i>Pleurotus giganteus</i> (Berk.) Karunarathna & K.D. Hyde: Nutritional value and in vitro neurite outgrowth activity in rat pheochromocytoma cells. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 102.	3.7	38
13	A Status Review of the Bioactive Activities of Tiger Milk Mushroom <i>Lignosus rhinocerotis</i> (Cooke) Ryvarden. <i>Frontiers in Pharmacology</i> , 2017, 8, 998.	1.6	32
14	Restoration of sensory dysfunction following peripheral nerve injury by the polysaccharide from culinary and medicinal mushroom, <i>Herichium erinaceus</i> (Bull.: Fr.) Pers. through its neuroregenerative action. <i>Food Science and Technology</i> , 2015, 35, 712-721.	0.8	25
15	Oil Palm Empty Fruit Bunch and Sugarcane Bagasse Enhance the Bioremediation of Soil Artificially Polluted by Crude Oil. <i>Soil and Sediment Contamination</i> , 2014, 23, 751-762.	1.1	23
16	Modulation of neuroinflammatory pathways by medicinal mushrooms, with particular relevance to Alzheimer's disease. <i>Trends in Food Science and Technology</i> , 2020, 104, 153-162.	7.8	23
17	A Comparative Study on Biosurfactant Activity of Crude Oil-Degrading Bacteria and Its Correlation to Total Petroleum Hydrocarbon Degradation. <i>Bioremediation Journal</i> , 2013, 17, 240-251.	1.0	21
18	<i>Ganoderma neo-japonicum</i> Imazeki revisited: Domestication study and antioxidant properties of its basidiocarps and mycelia. <i>Scientific Reports</i> , 2015, 5, 12515.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Uridine from <i>Pleurotus giganteus</i> and Its Neurite Outgrowth Stimulatory Effects with Underlying Mechanism. <i>PLoS ONE</i> , 2015, 10, e0143004.	1.1	16
20	Intrastrain Comparison of the Chemical Composition and Antioxidant Activity of an Edible Mushroom, <i>Pleurotus giganteus</i> , and Its Potent Neurotogenic Properties. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	15
21	Dietary amino acid ergothioneine protects HT22 hippocampal neurons against H ₂ O ₂ -induced neurotoxicity via antioxidative mechanism. <i>PharmaNutrition</i> , 2020, 13, 100214.	0.8	11
22	Negletein as a neuroprotectant enhances the action of nerve growth factor and induces neurite outgrowth in PC12 cells. <i>BioFactors</i> , 2016, 42, 591-599.	2.6	8
23	A 53-Year Bibliometric and Scientometric Analysis of Research in Culinary and Medicinal Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 521-534.	0.9	7
24	Cell Proliferation and DNA Repair Ability of <i>Ganoderma neo-japonicum</i> (Agaricomycetes): An Indigenous Medicinal Mushroom from Malaysia. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 155-163.	0.9	7
25	Comparative Neuroprotective, Anti-Inflammatory and Neurite Outgrowth Activities of Extracts of King Oyster Mushroom, <i>Pleurotus eryngii</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 1171-1181.	0.9	7
26	Lipid Constituents of the Edible Mushroom, <i>Pleurotus giganteus</i> Demonstrate Anti-Candida Activity. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.2	6
27	Giant oyster mushroom, <i>Pleurotus giganteus</i> (Agaricomycetes): Current status of the cultivation methods, chemical composition, biological, and health-promoting properties. <i>Food Reviews International</i> , 2019, 35, 324-341.	4.3	6
28	Lipids in an Ethyl Acetate Fraction of Caterpillar Medicinal Mushroom, <i>Cordyceps militaris</i> (Ascomycetes), Reduce Nitric Oxide Production in BV2 Cells via NRF2 and NF- κ B Pathways. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 1215-1223.	0.9	6
29	Induction of Apoptosis in HeLa Cells by a Novel Peptide from Fruiting Bodies of <i>Morchella importuna</i> via the Mitochondrial Apoptotic Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	0.5	5
30	Lipid constituents of the edible mushroom, <i>Pleurotus giganteus</i> demonstrate anti-Candida activity. <i>Natural Product Communications</i> , 2013, 8, 1763-5.	0.2	5
31	Bioactive Molecules in Edible and Medicinal Mushrooms for Human Wellness. <i>Reference Series in Phytochemistry</i> , 2018, , 1-24.	0.2	4
32	The role of chalcones: helichrysetin, xanthohumol, and flavokawin-C in promoting neurite outgrowth in PC12 Adh cells. <i>Natural Product Research</i> , 2018, 32, 1229-1233.	1.0	4
33	Synthesized 2-Trifluoromethylquinazolines and Quinazolinones Protect BV2 and N2a Cells against LPS- and H ₂ O ₂ -induced Cytotoxicity. <i>Medicinal Chemistry</i> , 2021, 17, 623-629.	0.7	4
34	Surface Decoration of Selenium Nanoparticles by Proteins from the Culinary-Medicinal Shiitake Mushroom, <i>Lentinus edodes</i> (Agaricomycetes), for Enhanced Fibrinolytic Activity. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 1021-1030.	0.9	4
35	β -Glucan-Rich Extract of Gray Oyster Mushroom, <i>Pleurotus pulmonarius</i> , Improves Object Recognition Memory and Hippocampus Morphology in Mice Fed a High-Fat Diet. <i>Journal of Medicinal Food</i> , 2022, 25, 230-238.	0.8	4
36	Neuroactive Components of Culinary and Medicinal Mushrooms With Potential to Mitigate Age-Related Neurodegenerative Diseases. , 2018, , 401-413.		3

#	ARTICLE	IF	CITATIONS
37	Bioactive Molecules in Edible and Medicinal Mushrooms for Human Wellness. Reference Series in Phytochemistry, 2019, , 1597-1620.	0.2	3
38	Do Culinary Mushrooms Have Fibrinolytic Activities?. Biomedical Reviews, 2018, 28, 91.	0.6	2
39	Lipid-rich fraction of the sclerotium of Tiger Milk Mushroom <i>Lignosus rhinocerotis</i> (Agaricomycetes) attenuates LPS-induced inflammation in BV2 cells via Nrf2 pathway. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	1
40	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
41	Uridine From a Standardized Aqueous Extract of Giant Oyster Mushroom, <i>Pleurotus giganteus</i> Inhibits Amyloid β^2 ($A\beta^2$)-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