Beng Fye Lau

List of Publications by Year
in descending order

25 papers	1,249 citations	471061 17 h-index	642321 23 g-index
25 all docs	25 docs citations	25 times ranked	1649 citing authors

#	Article	IF	Citations
1	Differential toxicity and teratogenic effects of the hot water and cold water extracts of Lignosus rhinocerus (Cooke) Ryvarden sclerotium on zebrafish (Danio rerio) embryos. Journal of Ethnopharmacology, 2022, 285, 114787.	2.0	6
2	Landfill leachate wastewater treatment to facilitate resource recovery by a coagulation-flocculation process via hydrogen bond. Chemosphere, 2021, 262, 127829.	4.2	50
3	Evaluation of palm kernel shell biochar for the adsorption of Bacillus cereus. Physica Scripta, 2021, 96, 105004.	1.2	12
4	Utilization of microalgae for bio-jet fuel production in the aviation sector: Challenges and perspective. Renewable and Sustainable Energy Reviews, 2021, 149, 111396.	8.2	58
5	Banana inflorescence: Its bio-prospects as an ingredient for functional foods. Trends in Food Science and Technology, 2020, 97, 14-28.	7.8	40
6	Bioformulation of biochar as a potential inoculant carrier for sustainable agriculture. Environmental Technology and Innovation, 2020, 20, 101168.	3.0	64
7	Incorporating biowaste into circular bioeconomy: A critical review of current trend and scaling up feasibility. Environmental Technology and Innovation, 2020, 19, 101034.	3.0	58
8	The Effects of Biofertilizers on Growth, Soil Fertility, and Nutrients Uptake of Oil Palm (Elaeis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.3	37
9	Sustainable landfill leachate treatment: Optimize use of guar gum as natural coagulant and floc characterization. Environmental Research, 2020, 188, 109737.	3.7	36
10	Assessment of Potential Anticancer Activity of Brown Seaweed Compounds Using Zebrafish Phenotypic Assay. Natural Product Communications, 2019, 14, 1934578X1985790.	0.2	4
11	New Prospects for Modified Algae in Heavy Metal Adsorption. Trends in Biotechnology, 2019, 37, 1255-1268.	4.9	235
12	Toxicity Effect of Bougainvillea glabra (Paper Flower) Water Extracts on Zebrafish Embryo. INNOSC Theranostics and Pharmacological Sciences, 2019, 2, 23-26.	0.2	5
13	Zerumbone targets the CXCR4-RhoA and PI3K-mTOR signaling axis to reduce motility and proliferation of oral cancer cells. Phytomedicine, 2018, 39, 33-41.	2.3	33
14	Zebrafish embryonic development-interfering macrolides from Streptomyces californicus impact growth and mitochondrial function in human colorectal cancer cells. Process Biochemistry, 2018, 74, 164-174.	1.8	2
15	Bioprospecting of Lentinus squarrosulus Mont., an underutilized wild edible mushroom, as a potential source of functional ingredients: A review. Trends in Food Science and Technology, 2017, 61, 116-131.	7.8	23
16	Recent developments on algal biochar production and characterization. Bioresource Technology, 2017, 246, 2-11.	4.8	281
17	Sclerotium-Forming Mushrooms as an Emerging Source of Medicinals. , 2016, , 111-136.		4
18	Ethnomedicinal uses, pharmacological activities, and cultivation of Lignosus spp. (tiger×³s milk) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.0	54

#	Article	IF	Citations
19	The Potential of Mycelium and Culture Broth of Lignosus rhinocerotis as Substitutes for the Naturally Occurring Sclerotium with Regard to Antioxidant Capacity, Cytotoxic Effect, and Low-Molecular-Weight Chemical Constituents. PLoS ONE, 2014, 9, e102509.	1.1	31
20	Chemical composition and cellular toxicity of ethnobotanical-based hot and cold aqueous preparations of the tigerâ€²s milk mushroom (Lignosus rhinocerotis). Journal of Ethnopharmacology, 2013, 150, 252-262.	2.0	32
21	Domestication of a wild medicinal sclerotial mushroom, Lignosus rhinocerotis (Cooke) Ryvarden. Industrial Crops and Products, 2013, 47, 256-261.	2.5	28
22	Chemical Composition of the Tigerâ€™s Milk Mushroom, Lignosus rhinocerotis (Cooke) Ryvarden, from Different Developmental Stages. Journal of Agricultural and Food Chemistry, 2013, 61, 4890-4897.	2.4	45
23	Potential of Mycelia and Culture Broth of the Tigerâ€™s Milk Mushroom as Source of Nutraceuticals and Substitute for the Naturally Occuring Sclerotia. The Open Conference Proceedings Journal, 2013, 4, 75-75.	0.6	0
24	Evaluation of Selected Culinary-Medicinal Mushrooms for Antioxidant and ACE Inhibitory Activities. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	0.5	101
25	Comparative SELDI-TOF-MS profiling of low-molecular-mass proteins from Lignosus rhinocerus (Cooke) Ryvarden grown under stirred and static conditions of liquid fermentation. Journal of Microbiological Methods, 2011, 87, 56-63.	0.7	10