

Beng Fye Lau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3631213/publications.pdf>

Version: 2024-02-01

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	Recent developments on algal biochar production and characterization. <i>Bioresource Technology</i> , 2017, 246, 2-11.	4.8	281
2	New Prospects for Modified Algae in Heavy Metal Adsorption. <i>Trends in Biotechnology</i> , 2019, 37, 1255-1268.	4.9	235
3	Evaluation of Selected Culinary-Medicinal Mushrooms for Antioxidant and ACE Inhibitory Activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-12.	0.5	101
4	Bioformulation of biochar as a potential inoculant carrier for sustainable agriculture. <i>Environmental Technology and Innovation</i> , 2020, 20, 101168.	3.0	64
5	Incorporating biowaste into circular bioeconomy: A critical review of current trend and scaling up feasibility. <i>Environmental Technology and Innovation</i> , 2020, 19, 101034.	3.0	58
6	Utilization of microalgae for bio-jet fuel production in the aviation sector: Challenges and perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111396.	8.2	58
7	Ethnomedicinal uses, pharmacological activities, and cultivation of <i>Lignosus</i> spp. (tiger's milk) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	2.0	54
8	Landfill leachate wastewater treatment to facilitate resource recovery by a coagulation-flocculation process via hydrogen bond. <i>Chemosphere</i> , 2021, 262, 127829.	4.2	50
9	Chemical Composition of the Tiger's Milk Mushroom, <i>Lignosus rhinocerotis</i> (Cooke) Ryvar den, from Different Developmental Stages. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4890-4897.	2.4	45
10	Banana inflorescence: Its bio-prospects as an ingredient for functional foods. <i>Trends in Food Science and Technology</i> , 2020, 97, 14-28.	7.8	40
11	The Effects of Biofertilizers on Growth, Soil Fertility, and Nutrients Uptake of Oil Palm (<i>Elaeis</i>) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	1.8	37
12	Sustainable landfill leachate treatment: Optimize use of guar gum as natural coagulant and floc characterization. <i>Environmental Research</i> , 2020, 188, 109737.	3.7	36
13	Zerumbone targets the CXCR4-RhoA and PI3K-mTOR signaling axis to reduce motility and proliferation of oral cancer cells. <i>Phytomedicine</i> , 2018, 39, 33-41.	2.3	33
14	Chemical composition and cellular toxicity of ethnobotanical-based hot and cold aqueous preparations of the tiger's milk mushroom (<i>Lignosus rhinocerotis</i>). <i>Journal of Ethnopharmacology</i> , 2013, 150, 252-262.	2.0	32
15	The Potential of Mycelium and Culture Broth of <i>Lignosus rhinocerotis</i> as Substitutes for the Naturally Occurring Sclerotium with Regard to Antioxidant Capacity, Cytotoxic Effect, and Low-Molecular-Weight Chemical Constituents. <i>PLoS ONE</i> , 2014, 9, e102509.	1.1	31
16	Domestication of a wild medicinal sclerotial mushroom, <i>Lignosus rhinocerotis</i> (Cooke) Ryvar den. <i>Industrial Crops and Products</i> , 2013, 47, 256-261.	2.5	28
17	Bioprospecting of <i>Lentinus squarrosulus</i> Mont., an underutilized wild edible mushroom, as a potential source of functional ingredients: A review. <i>Trends in Food Science and Technology</i> , 2017, 61, 116-131.	7.8	23
18	Evaluation of palm kernel shell biochar for the adsorption of <i>Bacillus cereus</i> . <i>Physica Scripta</i> , 2021, 96, 105004.	1.2	12

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19	Comparative SELDI-TOF-MS profiling of low-molecular-mass proteins from <i>Lignosus rhinocerus</i> (Cooke) Ryvar den grown under stirred and static conditions of liquid fermentation. <i>Journal of Microbiological Methods</i> , 2011, 87, 56-63.	0.7	10
20	Differential toxicity and teratogenic effects of the hot water and cold water extracts of <i>Lignosus rhinocerus</i> (Cooke) Ryvar den sclerotium on zebrafish (<i>Danio rerio</i>) embryos. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114787.	2.0	6
21	Toxicity Effect of <i>Bougainvillea glabra</i> (Paper Flower) Water Extracts on Zebrafish Embryo. <i>INNOSC Theranostics and Pharmacological Sciences</i> , 2019, 2, 23-26.	0.2	5
22	Sclerotium-Forming Mushrooms as an Emerging Source of Medicinals. , 2016, , 111-136.		4
23	Assessment of Potential Anticancer Activity of Brown Seaweed Compounds Using Zebrafish Phenotypic Assay. <i>Natural Product Communications</i> , 2019, 14, 1934578X1985790.	0.2	4
24	Zebrafish embryonic development-interfering macrolides from <i>Streptomyces californicus</i> impact growth and mitochondrial function in human colorectal cancer cells. <i>Process Biochemistry</i> , 2018, 74, 164-174.	1.8	2
25	Potential of <i>Mycelia</i> and Culture Broth of the Tigerâ€™s Milk Mushroom as Source of Nutraceuticals and Substitute for the Naturally Occuring Sclerotia. <i>The Open Conference Proceedings Journal</i> , 2013, 4, 75-75.	0.6	0