

Jaturong Kumla

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,780
citations

394421

19
h-index

315739

38
g-index

66
all docs

66
docs citations

66
times ranked

2020
citing authors

#	ARTICLE	IF	CITATIONS
1	The amazing potential of fungi: 50 ways we can exploit fungi industrially. <i>Fungal Diversity</i> , 2019, 97, 1-136.	12.3	459
2	Outline of Fungi and fungus-like taxa â€“ 2021. <i>Mycosphere</i> , 2022, 13, 53-453.	6.1	160
3	Cultivation of Mushrooms and Their Lignocellulolytic Enzyme Production Through the Utilization of Agro-Industrial Waste. <i>Molecules</i> , 2020, 25, 2811.	3.8	121
4	Fungal diversity notes 1387â€“1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2021, 111, 1-335.	12.3	88
5	Phenolic profile of various wild edible mushroom extracts from Thailand and their antioxidant properties, anti-tyrosinase and hyperglycaemic inhibitory activities. <i>Journal of Functional Foods</i> , 2016, 27, 352-364.	3.4	74
6	Characterization of melanin and optimal conditions for pigment production by an endophytic fungus, <i>Spissiomycetes endophytica</i> SDBR-CMU319. <i>PLoS ONE</i> , 2019, 14, e0222187.	2.5	64
7	Natural Bioactive Compounds from Fungi as Potential Candidates for Protease Inhibitors and Immunomodulators to Apply for Coronaviruses. <i>Molecules</i> , 2020, 25, 1800.	3.8	56
8	The numbers of fungi: are the most speciose genera truly diverse?. <i>Fungal Diversity</i> , 2022, 114, 387-462.	12.3	52
9	Bioprocess for Production, Characteristics, and Biotechnological Applications of Fungal Phytases. <i>Frontiers in Microbiology</i> , 2020, 11, 188.	3.5	51
10	Biosynthetic pathway and optimal conditions for the production of indole-3-acetic acid by an endophytic fungus, <i>Colletotrichum fructicola</i> CMU-A109. <i>PLoS ONE</i> , 2018, 13, e0205070.	2.5	48
11	Volatile Organic Compound from <i>Trichoderma asperelloides</i> TSU1: Impact on Plant Pathogenic Fungi. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 187.	3.5	38
12	Evaluation of a Newly Identified Endophytic Fungus, <i>Trichoderma phayaoense</i> for Plant Growth Promotion and Biological Control of Gummy Stem Blight and Wilt of Muskmelon. <i>Frontiers in Microbiology</i> , 2021, 12, 634772.	3.5	34
13	Impact of Cultivation Substrate and Microbial Community on Improving Mushroom Productivity: A Review. <i>Biology</i> , 2022, 11, 569.	2.8	28
14	First report of leaf spot disease on oil palm caused by <i>Pestalotiopsis theae</i> in Thailand. <i>Journal of General Plant Pathology</i> , 2013, 79, 277-279.	1.0	27
15	Indole-3-acetic acid production, solubilization of insoluble metal minerals and metal tolerance of some sclerotoid fungi collected from northern Thailand. <i>Annals of Microbiology</i> , 2014, 64, 707-720.	2.6	27
16	Evaluation of <i>Muscodor cinnamomi</i> as an egg biofumigant for the reduction of microorganisms on eggshell surfaces and its effect on egg quality. <i>International Journal of Food Microbiology</i> , 2017, 244, 52-61.	4.7	25
17	Evaluation of Multifarious Plant Growth Promoting Trials of Yeast Isolated from the Soil of Assam Tea (<i>Camellia sinensis</i> var. <i>assamica</i>) Plantations in Northern Thailand. <i>Microorganisms</i> , 2020, 8, 1168.	3.6	25
18	Optimization and characterization of red pigment production from an endophytic fungus, <i>Nigrospora aurantiaca</i> CMU-ZY2045, and its potential source of natural dye for use in textile dyeing. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6973-6987.	3.6	24

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19	Biosynthetic pathway of indole-3-acetic acid in ectomycorrhizal fungi collected from northern Thailand. <i>PLoS ONE</i> , 2020, 15, e0227478.	2.5	24
20	The ectomycorrhizal status of a tropical black bolete, <i>Phlebopus portentosus</i> , assessed using mycorrhizal synthesis and isotopic analysis. <i>Mycorrhiza</i> , 2016, 26, 333-343.	2.8	21
21	Basidiome formation of an edible wild, putatively ectomycorrhizal fungus, <i>Phlebopus portentosus</i> without host plant. <i>Mycologia</i> , 2012, 104, 597-603.	1.9	20
22	Comparative Evaluation of Chemical Composition, Phenolic Compounds, and Antioxidant and Antimicrobial Activities of Tropical Black Bolete Mushroom Using Different Preservation Methods. <i>Foods</i> , 2021, 10, 781.	4.3	20
23	Valorization of Lignocellulosic Wastes to Produce Phytase and Cellulolytic Enzymes from a Thermophilic Fungus, <i>Thermoascus aurantiacus</i> SL16W, under Semi-Solid State Fermentation. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 286.	3.5	18
24	Improvement of yield for a tropical black bolete, <i>Phlebopus portentosus</i> , cultivation in northern Thailand. <i>Mycoscience</i> , 2015, 56, 114-117.	0.8	15
25	First report of gummy stem blight caused by <i>Stagonosporopsis cucurbitacearum</i> on cantaloupe in Thailand. <i>Canadian Journal of Plant Pathology</i> , 2018, 40, 306-311.	1.4	15
26	Bioprocessing of Agricultural Residues as Substrates and Optimal Conditions for Phytase Production of Chestnut Mushroom, <i>Pholiota adiposa</i> , in Solid State Fermentation. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 286.	3.5	14
27	Bioactive compounds content and their biological properties of acetone extract of <i>Cuscuta reflexa</i> Roxb. grown on various host plants. <i>Natural Product Research</i> , 2019, 33, 544-547.	1.8	13
28	Evaluation of Native Entomopathogenic Fungi for the Control of Fall Armyworm (<i>Spodoptera frugiperda</i>) on Cotton. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 286.	3.5	13
29	<i>Apophysomyces thailandensis</i> (Mucorales, Mucoromycota), a new species isolated from soil in northern Thailand and its solubilization of non-soluble minerals. <i>MycKeys</i> , 2019, 45, 75-92.	1.9	12
30	Morphological and Molecular Identification of Plant Pathogenic Fungi Associated with Dirty Panicle Disease in Coconuts (<i>Cocos nucifera</i>) in Thailand. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 335.	3.5	12
31	Leaf spot on cattleya orchid caused by <i>Neoscytalidium orchidacearum</i> in Thailand. <i>Canadian Journal of Plant Pathology</i> , 2018, 40, 109-114.	1.4	11
32	First report of fruit rot on cantaloupe caused by <i>Fusarium equiseti</i> in Thailand. <i>Journal of General Plant Pathology</i> , 2019, 85, 295-300.	1.0	11
33	Growth Enhancement of <i>Arabidopsis thaliana</i> and Onion (<i>Allium cepa</i>) With Inoculation of Three Newly Identified Mineral-Solubilizing Fungi in the Genus <i>Aspergillus</i> Section <i>Nigri</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 705896.	3.5	10
34	Optimization of high endoglucanase yields production from polypore fungus, <i>Microporus xanthopus</i> strain KA038 under solid-state fermentation using green tea waste. <i>Biology Open</i> , 2019, 8, .	1.2	10
35	Characterization of Polysaccharides from Wild Edible Mushrooms from Thailand and Their Antioxidant, Antidiabetic, and Antihypertensive Activities. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 221-233.	1.5	10
36	Molecular Phylogenetic Diversity and Biological Characterization of <i>Diaporthe</i> Species Associated with Leaf Spots of <i>Camellia sinensis</i> in Taiwan. <i>Plants</i> , 2021, 10, 1434.	3.5	9

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37	First report of <i>Alternaria</i> leaf blight disease on oil palm caused by <i>Alternaria longipes</i> in Thailand. <i>Phytoparasitica</i> , 2015, 43, 57-59.	1.2	8
38	Filamentous fungi with high paraquat-degrading activity isolated from contaminated agricultural soils in northern Thailand. <i>Letters in Applied Microbiology</i> , 2021, 72, 467-475.	2.2	8
39	A Taxonomic Appraisal of Bambusicolous Fungi in Occultibambusaceae (Pleosporales). <i>Trends in Microbiology</i> , 2021, 29, 107-117.	2.4	8
40	Phytochemical Analysis and Evaluation of Antioxidant and Biological Activities of Extracts from Three Clausenaceae Plants in Northern Thailand. <i>Plants</i> , 2021, 10, 117.	3.5	7
41	A new whitish truffle, <i>Tuber thailandicum</i> from northern Thailand and its ectomycorrhizal association. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	6
42	First report of <i>Phoma</i> leaf spot disease on cherry palm caused by <i>Phoma herbarum</i> in Thailand. <i>Canadian Journal of Plant Pathology</i> , 2016, 38, 103-106.	1.4	6
43	Isolation, Characterization, and Efficacy of Actinobacteria Associated with Arbuscular Mycorrhizal Spores in Promoting Plant Growth of Chili (<i>Capsicum flutescens</i> L.). <i>Microorganisms</i> , 2021, 9, 1274.	3.6	6
44	First Report of <i>Lasiodiplodia theobromae</i> Causing Fruit Rot on Melon (<i>Cucumis melo</i>) in Thailand. <i>Plant Disease</i> , 2020, 104, 280-280.	1.4	6
45	Morphological and molecular evidence support a new truffle, <i>Tuber lannaense</i> , from Thailand. <i>Mycological Progress</i> , 2016, 15, 827-834.	1.4	5
46	<i>Tuber magnatum</i> in Thailand, a first report from Asia. <i>Mycotaxon</i> , 2017, 132, 635-642.	0.3	5
47	Multigene Phylogeny and Morphology Reveal Three Novel Species and a Novel Record of <i>Agaricus</i> From Northern Thailand. <i>Frontiers in Microbiology</i> , 2021, 12, 650513.	3.5	5
48	Morphology Characterization, Molecular Identification, and Pathogenicity of Fungal Pathogen Causing Kaffir Lime Leaf Blight in Northern Thailand. <i>Plants</i> , 2022, 11, 273.	3.5	5
49	Two New <i>Amanita</i> Species in Section <i>Amanita</i> from Thailand. <i>Diversity</i> , 2022, 14, 101.	1.7	5
50	New report of leaf blight disease on eucalyptus (<i>Eucalyptus camaldulensis</i>) caused by <i>Pestalotiopsis virgatula</i> in Thailand. <i>Canadian Journal of Plant Pathology</i> , 2012, 34, 306-309.	1.4	4
51	A New Report on Edible Tropical Bolete, <i>Phlebopus spongiosus</i> in Thailand and Its Fruiting Body Formation without the Need for a Host Plant. <i>Mycobiology</i> , 2020, 48, 263-275.	1.7	4
52	<i>Spegazzinia camelliae</i> sp. nov. (Didymosphaeriaceae, Pleosporales), a new endophytic fungus from northern Thailand. <i>Phytotaxa</i> , 2021, 483, 117-128.	0.3	4
53	<i>Clitopilus lampangensis</i> (Agaricales, Entolomataceae), a new species from northern Thailand. <i>Mycology</i> , 2019, 58, 69-82.	1.9	4
54	Identification and Pathogenicity of <i>Paramyrothecium</i> Species Associated with Leaf Spot Disease in Northern Thailand. <i>Plants</i> , 2022, 11, 1445.	3.5	4

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55	First report of sour rot on tomato caused by <i>Galactomyces reessii</i> in Thailand. <i>Journal of General Plant Pathology</i> , 2016, 82, 228-231.	1.0	3
56	Daldiniaeschone A, a Rare Tricyclic Polyketide Having a Chromone Unit Fused to a $\hat{\text{I}}$ -Lactone and Its Symmetrical Biphenyl Dimer, Daldiniaeschone B, from an Endophytic Fungus <i>Daldinia eschscholtzii</i> SDBR-CMUNKC745. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 358.	3.5	3
57	An Updated Global Species Diversity and Phylogeny in the Genus <i>Wickerhamomyces</i> with Addition of Two New Species from Thailand. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 957.	3.5	3
58	First Report of <i>Colletotrichum theobromicola</i> Causing Centro Anthracnose Leaf Spot in Thailand. <i>Plant Disease</i> , 2022, 106, 1306.	1.4	3
59	Soil Metabarcoding Offers a New Tool for the Investigation and Hunting of Truffles in Northern Thailand. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 293.	3.5	2
60	Cultivation of Edible Tropical Bolete, <i>Phlebopus spongiosus</i> , in Thailand and Yield Improvement by High-Voltage Pulsed Stimulation. <i>Agronomy</i> , 2022, 12, 115.	3.0	2
61	Two novel species of <i>Marasmius</i> (Marasmiaceae, Agaricales) from lower northern Thailand. <i>Phytotaxa</i> , 2019, 403, 111.	0.3	1
62	<i>Cunninghamella saisamornae</i> (Cunninghamellaceae, Mucorales), a new soil fungus from northern Thailand. <i>Phytotaxa</i> , 2021, 509, .	0.3	1
63	<i>Pleurotus sirindhorniae</i> (Pleurotaceae, Agaricales), a new species from northern Thailand. <i>Phytotaxa</i> , 2020, 460, 285-295.	0.3	1
64	Two Novel Species and Two New Records within the Genus <i>Pluteus</i> (Agaricomycetes, Agaricales) from Thailand. <i>Diversity</i> , 2022, 14, 156.	1.7	1
65	Taxonomic and Phylogenetic Characterizations Reveal Four New Species, Two New Asexual Morph Reports, and Six New Country Records of Bambusicolous <i>Roussoella</i> from China. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 532.	3.5	1
66	First Report of Cape Gooseberry Scab Caused by <i>Cladosporium exasperatum</i> in Thailand. <i>Plant Disease</i> , 0, , .	1.4	0