Jaturong Kumla

List of Publications by Year
in descending order

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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	Cultivation of Edible Tropical Bolete, Phlebopus spongiosus, in Thailand and Yield Improvement by High-Voltage Pulsed Stimulation. Agronomy, 2022, 12, 115.	3.0	2
2	Morphology Characterization, Molecular Identification, and Pathogenicity of Fungal Pathogen Causing Kaffir Lime Leaf Blight in Northern Thailand. Plants, 2022, 11, 273.	3.5	5
3	Two New Amanita Species in Section Amanita from Thailand. Diversity, 2022, 14, 101.	1.7	5
4	Two Novel Species and Two New Records within the Genus Pluteus (Agaricomycetes, Agaricales) from Thailand. Diversity, 2022, 14, 156.	1.7	1
5	The numbers of fungi: are the most speciose genera truly diverse?. Fungal Diversity, 2022, 114, 387-462.	12.3	52
6	Morphological and Molecular Identification of Plant Pathogenic Fungi Associated with Dirty Panicle Disease in Coconuts (Cocos nucifera) in Thailand. Journal of Fungi (Basel, Switzerland), 2022, 8, 335.	3.5	12
7	First Report of Colletotrichum theobromicola Causing Centro Anthracnose Leaf Spot in Thailand. Plant Disease, 2022, 106, 1306.	1.4	3
8	Impact of Cultivation Substrate and Microbial Community on Improving Mushroom Productivity: A Review. Biology, 2022, 11, 569.	2.8	28
9	Outline of Fungi and fungus-like taxa â€“ 2021. Mycosphere, 2022, 13, 53-453.	6.1	160
10	Taxonomic and Phylogenetic Characterizations Reveal Four New Species, Two New Asexual Morph Reports, and Six New Country Records of Bambusicolous Roussoella from China. Journal of Fungi (Basel, Switzerland), 2022, 8, 532.	3.5	1
11	Identification and Pathogenicity of Paramyrothecium Species Associated with Leaf Spot Disease in Northern Thailand. Plants, 2022, 11, 1445.	3.5	4
12	Filamentous fungi with high paraquatâ€degrading activity isolated from contaminated agricultural soils in northern Thailand. Letters in Applied Microbiology, 2021, 72, 467-475.	2.2	8
13	Phytochemical Analysis and Evaluation of Antioxidant and Biological Activities of Extracts from Three Clauseneae Plants in Northern Thailand. Plants, 2021, 10, 117.	3.5	7
14	Spegazzinia camelliae sp. nov. (Didymosphaeriaceae, Pleosprales), a new endophytic fungus from northern Thailand . Phytotaxa, 2021, 483, 117-128.	0.3	4
15	Volatile Organic Compound from Trichoderma asperelloides TSU1: Impact on Plant Pathogenic Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 187.	3.5	38
16	Evaluation of a Newly Identified Endophytic Fungus, Trichoderma phayaoense for Plant Growth Promotion and Biological Control of Gummy Stem Blight and Wilt of Muskmelon. Frontiers in Microbiology, 2021, 12, 634772.	3.5	34
17	Comparative Evaluation of Chemical Composition, Phenolic Compounds, and Antioxidant and Antimicrobial Activities of Tropical Black Bolete Mushroom Using Different Preservation Methods. Foods, 2021, 10, 781.	4.3	20
18	Soil Metabarcoding Offers a New Tool for the Investigation and Hunting of Truffles in Northern Thailand. Journal of Fungi (Basel, Switzerland), 2021, 7, 293.	3.5	2

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19	Valorization of Lignocellulosic Wastes to Produce Phytase and Cellulolytic Enzymes from a Thermophilic Fungus, Thermoascus aurantiacus SL16W, under Semi-Solid State Fermentation. Journal of Fungi (Basel, Switzerland), 2021, 7, 286.	3.5	18
20	Daldiniaeschsone A, a Rare Tricyclic Polyketide Having a Chromone Unit Fused to a Î´-Lactone and Its Symmetrical Biphenyl Dimer, Daldiniaeschsone B, from an Endophytic Fungus Daldinia eschscholtzii SDBR-CMUNKC745. Journal of Fungi (Basel, Switzerland), 2021, 7, 358.	3.5	3
21	Cunninghamella saisamornae (Cunninghamellaceae, Mucorales), a new soil fungus from northern Thailand. Phytotaxa, 2021, 509, .	0.3	1
22	Multigene Phylogeny and Morphology Reveal Three Novel Species and a Novel Record of Agaricus From Northern Thailand. Frontiers in Microbiology, 2021, 12, 650513.	3.5	5
23	Isolation, Characterization, and Efficacy of Actinobacteria Associated with Arbuscular Mycorrhizal Spores in Promoting Plant Growth of Chili (Capsicum flutescens L.). Microorganisms, 2021, 9, 1274.	3.6	6
24	Molecular Phylogenetic Diversity and Biological Characterization of Diaporthe Species Associated with Leaf Spots of Camellia sinensis in Taiwan. Plants, 2021, 10, 1434.	3.5	9
25	Growth Enhancement of Arabidopsis (Arabidopsis thaliana) and Onion (Allium cepa) With Inoculation of Three Newly Identified Mineral-Solubilizing Fungi in the Genus Aspergillus Section Nigri. Frontiers in Microbiology, 2021, 12, 705896.	3.5	10
26	A Taxonomic Appraisal of Bambusicolous Fungi in Occultibambusaceae (Pleosporales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (Do	2.4	8
27	An Updated Global Species Diversity and Phylogeny in the Genus Wickerhamomyces with Addition of Two New Species from Thailand. Journal of Fungi (Basel, Switzerland), 2021, 7, 957.	3.5	3
28	Fungal diversity notes 1387â€“1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. Fungal Diversity, 2021, 111, 1-335.	12.3	88
29	Evaluation of Native Entomopathogenic Fungi for the Control of Fall Armyworm (Spodoptera) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	13
30	Biosynthetic pathway of indole-3-acetic acid in ectomycorrhizal fungi collected from northern Thailand. PLoS ONE, 2020, 15, e0227478.	2.5	24
31	A New Report on Edible Tropical Bolete,Phlebopus spongiosusin Thailand and Its Fruiting Body Formation without the Need for a Host Plant. Mycobiology, 2020, 48, 263-275.	1.7	4
32	Evaluation of Multifarious Plant Growth Promoting Trials of Yeast Isolated from the Soil of Assam Tea (Camellia sinensis var. assamica) Plantations in Northern Thailand. Microorganisms, 2020, 8, 1168.	3.6	25
33	Bioprocess for Production, Characteristics, and Biotechnological Applications of Fungal Phytases. Frontiers in Microbiology, 2020, 11, 188.	3.5	51
34	Cultivation of Mushrooms and Their Lignocellulolytic Enzyme Production Through the Utilization of Agro-Industrial Waste. Molecules, 2020, 25, 2811.	3.8	121
35	Natural Bioactive Compounds from Fungi as Potential Candidates for Protease Inhibitors and Immunomodulators to Apply for Coronaviruses. Molecules, 2020, 25, 1800.	3.8	56
36	First Report of Lasiodiplodia theobromae Causing Fruit Rot on Melon (Cucumis melo) in Thailand. Plant Disease, 2020, 104, 280-280.	1.4	6

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37	Characterization of Polysaccharides from Wild Edible Mushrooms from Thailand and Their Antioxidant, Antidiabetic, and Antihypertensive Activities. International Journal of Medicinal Mushrooms, 2020, 22, 221-233.	1.5	10
38	Bioprocessing of Agricultural Residues as Substrates and Optimal Conditions for Phytase Production of Chestnut Mushroom, Pholiota adiposa, in Solid State Fermentation. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697	3.5	14
39	Pleurotus sirindhorniae (Pleurotaceae, Agaricales), a new species from northern Thailand . Phytotaxa, 2020, 460, 285-295.	0.3	1
40	The amazing potential of fungi: 50 ways we can exploit fungi industrially. Fungal Diversity, 2019, 97, 1-136.	12.3	459
41	Characterization of melanin and optimal conditions for pigment production by an endophytic fungus, Spissiomyces endophytica SDBR-CMU319. PLoS ONE, 2019, 14, e0222187.	2.5	64
42	Two novel species of Marasmius (Marasmiaceae, Agaricales) from lower northern Thailand. Phytotaxa, 2019, 403, 111.	0.3	1
43	Optimization and characterization of red pigment production from an endophytic fungus, Nigrospora aurantiaca CMU-ZY2045, and its potential source of natural dye for use in textile dyeing. Applied Microbiology and Biotechnology, 2019, 103, 6973-6987.	3.6	24
44	First report of fruit rot on cantaloupe caused by Fusarium equiseti in Thailand. Journal of General Plant Pathology, 2019, 85, 295-300.	1.0	11
45	Bioactive compounds content and their biological properties of acetone extract of Cuscuta reflexa Roxb. grown on various host plants. Natural Product Research, 2019, 33, 544-547.	1.8	13
46	Optimization of high endoglucanase yields production from polypore fungus, Microporus xanthopus strain KA038 under solid-state fermentation using green tea waste. Biology Open, 2019, 8, .	1.2	10
47	Apophysomyces thailandensis (Mucorales, Mucoromycota), a new species isolated from soil in northern Thailand and its solubilization of non-soluble minerals. MycoKeys, 2019, 45, 75-92.	1.9	12
48	Clitopilus lampangensis (Agaricales, Entolomataceae), a new species from northern Thailand. MycoKeys, 2019, 58, 69-82.	1.9	4
49	First report of gummy stem blight caused by Stagonosporopsis cucurbitacearum on cantaloupe in Thailand. Canadian Journal of Plant Pathology, 2018, 40, 306-311.	1.4	15
50	Leaf spot on cattleya orchid caused by Neoscytalidium orchidacearum in Thailand. Canadian Journal of Plant Pathology, 2018, 40, 109-114.	1.4	11
51	Biosynthetic pathway and optimal conditions for the production of indole-3-acetic acid by an endophytic fungus, Colletotrichum fructicola CMU-A109. PLoS ONE, 2018, 13, e0205070.	2.5	48
52	Evaluation of Muscodor cinnamomi as an egg biofumigant for the reduction of microorganisms on eggshell surfaces and its effect on egg quality. International Journal of Food Microbiology, 2017, 244, 52-61.	4.7	25
53	Tuber magnatum in Thailand, a first report from Asia. Mycotaxon, 2017, 132, 635-642.	0.3	5
54	First report of sour rot on tomato caused by Galactomyces reessii in Thailand. Journal of General Plant Pathology, 2016, 82, 228-231.	1.0	3

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55	Phenolic profile of various wild edible mushroom extracts from Thailand and their antioxidant properties, anti-tyrosinase and hyperglycaemic inhibitory activities. Journal of Functional Foods, 2016, 27, 352-364.	3.4	74
56	Morphological and molecular evidence support a new truffle, Tuber lannaense, from Thailand. Mycological Progress, 2016, 15, 827-834.	1.4	5
57	First report of Phoma leaf spot disease on cherry palm caused byPhoma herbarumin Thailand. Canadian Journal of Plant Pathology, 2016, 38, 103-106.	1.4	6
58	The ectomycorrhizal status of a tropical black bolete, Phlebopus portentosus, assessed using mycorrhizal synthesis and isotopic analysis. Mycorrhiza, 2016, 26, 333-343.	2.8	21
59	First report of Alternaria leaf blight disease on oil palm caused by Alternaria longipes in Thailand. Phytoparasitica, 2015, 43, 57-59.	1.2	8
60	A new whitish truffle, Tuber thailandicum from northern Thailand and its ectomycorrhizal association. Mycological Progress, 2015, 14, 1.	1.4	6
61	Improvement of yield for a tropical black bolete, Phlebopus portentosus, cultivation in northern Thailand. Mycoscience, 2015, 56, 114-117.	0.8	15
62	Indole-3-acetic acid production, solubilization of insoluble metal minerals and metal tolerance of some sclerodermatoid fungi collected from northern Thailand. Annals of Microbiology, 2014, 64, 707-720.	2.6	27
63	First report of leaf spot disease on oil palm caused by Pestalotiopsis theae in Thailand. Journal of General Plant Pathology, 2013, 79, 277-279.	1.0	27
64	New report of leaf blight disease on eucalyptus (Eucalyptus camaldulensis) caused byPestalotiopsis virgatulain Thailand. Canadian Journal of Plant Pathology, 2012, 34, 306-309.	1.4	4
65	Basidiome formation of an edible wild, putatively ectomycorrhizal fungus, Phlebopus portentosus without host plant. Mycologia, 2012, 104, 597-603.	1.9	20
66	First Report of Cape Gooseberry Scab Caused by Cladosporium exasperatum in Thailand. Plant Disease, 0, , .	1.4	0