

Sawai Boukaew

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

426
citations

932766

10
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of volatile substances from <i>Streptomyces philanthi</i> RM-1-138 on growth of <i>Rhizoctonia solani</i> on rice leaf. <i>BioControl</i> , 2013, 58, 471-482.	0.9	78
2	Suppression of rice sheath blight disease using a heat stable culture filtrate from <i>Streptomyces philanthi</i> RM-1-138. <i>Crop Protection</i> , 2014, 61, 1-10.	1.0	68
3	Evaluation of <i>Streptomyces</i> spp. for biological control of <i>Sclerotium</i> root and stem rot and <i>Ralstonia</i> wilt of chili pepper. <i>BioControl</i> , 2011, 56, 365-374.	0.9	64
4	Biological control of tomato gray mold caused by <i>Botrytis cinerea</i> by using <i>Streptomyces</i> spp.. <i>BioControl</i> , 2017, 62, 793-803.	0.9	40
5	Potential for the integration of biological and chemical control of sheath blight disease caused by <i>Rhizoctonia solani</i> on rice. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1885-1893.	1.7	36
6	Fumigant activity of volatile compounds of <i>Streptomyces philanthi</i> RM-1-138 and pure chemicals (acetophenone and phenylethyl alcohol) against anthracnose pathogen in postharvest chili fruit. <i>Crop Protection</i> , 2018, 103, 1-8.	1.0	34
7	Efficacy of volatile compounds from <i>Streptomyces philanthi</i> RL-1-178 as a biofumigant for controlling growth and aflatoxin production of the two aflatoxin-producing fungi on stored soybean seeds. <i>Journal of Applied Microbiology</i> , 2020, 129, 652-664.	1.4	20
8	Antifungal effect of volatile organic compounds produced by <i>Streptomyces salmonis</i> PSRDC-09 against anthracnose pathogen <i>Colletotrichum gloeosporioides</i> PSU-03 in postharvest chili fruit. <i>Journal of Applied Microbiology</i> , 2021, 131, 1452-1463.	1.4	18
9	Factors affecting antifungal activity of <i>Streptomyces philanthi</i> RM-1-138 against <i>Rhizoctonia solani</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 323-329.	1.7	13
10	Inhibitory effects of acetophenone or phenylethyl alcohol as fumigant to protect soybean seeds against two aflatoxin-producing fungi. <i>Journal of Food Science and Technology</i> , 2018, 55, 5123-5132.	1.4	11
11	Efficacy of <i>Streptomyces philanthi</i> RL-1-178 culture filtrate against growth and aflatoxin B1 production by two aflatoxigenic fungi on maize seeds. <i>European Journal of Plant Pathology</i> , 2020, 156, 1041-1051.	0.8	10
12	Potential use of <i>Streptomyces mycarofaciens</i> SS-2-243 as a biofumigant to protect maize seeds against two aflatoxin producing fungi. <i>European Journal of Plant Pathology</i> , 2019, 155, 489-503.	0.8	6
13	Tuna Condensate Waste with Molasses as a Renewable Substrate for Antifungal Compounds by <i>Streptomyces philanthi</i> RL-1-178 Against Aflatoxigenic B1 (AFB1) <i>Aspergillus flavus</i> . <i>Waste and Biomass Valorization</i> , 2020, 11, 1321-1331.	1.8	6
14	Comparison of the biocontrol efficacy of culture filtrate from <i>Streptomyces philanthi</i> RL-1-178 and acetic acid against <i>Penicillium digitatum</i> , in vitro and in vivo. <i>European Journal of Plant Pathology</i> , 2020, 158, 939-949.	0.8	6
15	Impact of environmental factors on <i>Streptomyces</i> spp. metabolites against <i>Botrytis cinerea</i> . <i>Journal of Basic Microbiology</i> , 2022, 62, 611-622.	1.8	5
16	Direct biotransformation of oil palm frond juice to ethanol and acetic acid by simultaneous fermentation of co-cultures and the efficacy of its culture filtrate as an antifungal agent against black seed rot disease. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5283-5292.	2.9	4
17	Utilization of palm oil mill effluent as a novel substrate for the production of antifungal compounds by <i>Streptomyces philanthi</i> RM-1-138 and evaluation of its efficacy in suppression of three strains of oil palm pathogen. <i>Journal of Applied Microbiology</i> , 2022, 132, 1990-2003.	1.4	4
18	Palm oil decanter cake wastes as alternative nutrient sources for production of enzymes from <i>Streptomyces philanthi</i> RM-1-138 and the efficacy of its culture filtrate as an antimicrobial agent against plant pathogenic fungi and bacteria. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 1895-1904.	2.9	2

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19	Efficacy of vatica oil in controlling <i>Aspergillus parasiticus</i> in maize grain by direct contact and fumigation methods. <i>European Journal of Plant Pathology</i> , 2019, 154, 1135-1148.	0.8	0