

Takayuki Motoyama

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

74
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis and biological function of secondary metabolites of the rice blast fungus <i>Pyricularia oryzae</i> . Journal of Industrial Microbiology and Biotechnology, 2021, 48, .	3.0	15
2	Biosynthetic gene cluster identification and biological activity of lucilactaene from <i>Fusarium</i> sp. RK97-94. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1303-1307.	1.3	13
3	Productivity and bioactivity of enokipodins A-D of <i>Flammulina rossica</i> and <i>Flammulina velutipes</i> . Bioscience, Biotechnology and Biochemistry, 2020, 84, 876-886.	1.3	9
4	Dihydrolucilactaene, a Potent Antimalarial Compound from <i>Fusarium</i> sp. RK97-94. Journal of Natural Products, 2022, 85, 63-69.	3.0	9
5	Induction of Nectriapyrone Biosynthesis in the Rice Blast Fungus <i>Pyricularia oryzae</i> by Disturbance of the Two-Component Signal Transduction System. ChemBioChem, 2019, 20, 693-700.	2.6	7
6	Induction of secondary metabolite production by hygromycin B and identification of the 1233A biosynthetic gene cluster with a self-resistance gene. Journal of Antibiotics, 2020, 73, 475-479.	2.0	7
7	Controlling the production of phytotoxin pyriculol in <i>Pyricularia oryzae</i> by aldehyde reductase. Bioscience, Biotechnology and Biochemistry, 2021, 85, 126-133.	1.3	4
8	Screening of tenuazonic acid production-inducing compounds and identification of NPD938 as a regulator of fungal secondary metabolism. Bioscience, Biotechnology and Biochemistry, 2021, 85, 2200-2208.	1.3	3
9	Identification of Scytalone Dehydratase Inhibitors Effective against Melanin Biosynthesis Dehydratase Inhibitor-Resistant <i>Pyricularia oryzae</i> . Journal of Agricultural and Food Chemistry, 2022, 70, 3109-3116.	5.2	3
10	Dihydropyriculol produced by <i>Pyricularia oryzae</i> inhibits the growth of <i>Streptomyces griseus</i> . Bioscience, Biotechnology and Biochemistry, 2021, 85, 1290-1293.	1.3	2
11	Isolation of new lucilactaene derivatives from P450 monooxygenase and aldehyde dehydrogenase knockout <i>Fusarium</i> sp. RK97-94 strains and their biological activities. Journal of Antibiotics, 2022, , .	2.0	2
12	Tenuazonic acid production is dispensable for virulence, but its biosynthetic gene expression pattern is associated with the infection of <i>Pyricularia oryzae</i> . Bioscience, Biotechnology and Biochemistry, 2021, , .	1.3	0