

Hidehiro Ishizawa

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

269
citations

1040056

9
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of environmental bacterial communities as a factor affecting the growth of duckweed <i>Lemna minor</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 62.	6.2	64
2	Enhanced biomass production and nutrient removal capacity of duckweed via two-step cultivation process with a plant growth-promoting bacterium, <i>Acinetobacter calcoaceticus</i> P23. <i>Chemosphere</i> , 2020, 238, 124682.	8.2	33
3	Colonization and Competition Dynamics of Plant Growth-Promoting/Inhibiting Bacteria in the Phytosphere of the Duckweed <i>Lemna minor</i> . <i>Microbial Ecology</i> , 2019, 77, 440-450.	2.8	29
4	Differential oxidative and antioxidative response of duckweed <i>Lemna minor</i> toward plant growth promoting/inhibiting bacteria. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 667-673.	5.8	27
5	Community dynamics of duckweed-associated bacteria upon inoculation of plant growth-promoting bacteria. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	22
6	Silicon cycled by tropical forest trees: effects of species, elevation and parent material on Mount Kinabalu, Malaysia. <i>Plant and Soil</i> , 2019, 443, 155-166.	3.7	15
7	Spatial variations of soil silicon availability and biogenic silicon flux in a lowland tropical forest in Malaysia. <i>Ecological Research</i> , 2019, 34, 548-559.	1.5	13
8	Performance of plant growth-promoting bacterium of duckweed under different kinds of abiotic stress factors. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101146.	3.1	12
9	Genome-wide identification of bacterial colonization and fitness determinants on the floating macrophyte, duckweed. <i>Communications Biology</i> , 2022, 5, 68.	4.4	10
10	Draft Genome Sequence of <i>Aquitalea magnusonii</i> Strain H3, a Plant Growth-Promoting Bacterium of Duckweed (<i>Lemna minor</i>). <i>Genome Announcements</i> , 2017, 5, .	0.8	9
11	Synthetic Bacterial Community of Duckweed: A Simple and Stable System to Study Plant-microbe Interactions. <i>Microbes and Environments</i> , 2020, 35, n/a.	1.6	9
12	Whole structures, core taxa, and functional properties of duckweed microbiomes. <i>Bioresource Technology Reports</i> , 2022, 18, 101060.	2.7	9
13	Coordination of leaf economics traits within the family of the world's fastest growing plants (Lemnaceae). <i>Journal of Ecology</i> , 2021, 109, 2950-2962.	4.0	6
14	Microalgal transformation of food processing byproducts into functional food ingredients. <i>Bioresource Technology</i> , 2022, 344, 126324.	9.6	6
15	Complete Genome Sequences of Two Plant Growth-Inhibiting Bacteria, <i>Acinetobacter ursingii</i> M3 and <i>Asticcacaulis excentricus</i> M6, Isolated from Duckweed (<i>Lemna minor</i>). <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	4
16	Draft Genome Sequence of <i>Sphingobium fuliginis</i> OMI, a Bacterium That Degrades Alkylphenols and Bisphenols. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
17	Imbalance in Carbon and Nitrogen Metabolism in <i>Comamonas testosteroni</i> R2 Is Caused by Negative Feedback and Rescued by L-arginine. <i>Microbes and Environments</i> , 2021, 36, n/a.	1.6	0