

Pimchanok Buapet

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

542
citations

686830

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642321

23
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all docs

30
docs citations

30
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated biomarker responses of rice associated with grain yield in copper-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8947-8956.	2.7	4
2	Comparative study on anatomical traits and gas exchange responses due to belowground hypoxic stress and thermal stress in three tropical seagrasses. <i>PeerJ</i> , 2022, 10, e12899.	0.9	1
3	Acclimation to low light modifies nitrogen uptake in <i>Halophila ovalis</i> (R.Brown) J.D. Hooker. <i>Journal of Experimental Marine Biology and Ecology</i> , 2022, 549, 151705.	0.7	0
4	Experimental flooding modifies rhizosphere conditions, induces photoacclimation and promotes antioxidant activities in <i>Rhizophora mucronata</i> seedlings. <i>Botanica Marina</i> , 2022, 65, 1-12.	0.6	2
5	Sensitivity of Photosynthesis to Warming in Two Similar Species of the Aquatic Angiosperm <i>Ruppia</i> from Tropical and Temperate Habitats. <i>Sustainability</i> , 2021, 13, 9433.	1.6	6
6	Experimental Assessment of Vulnerability to Warming in Tropical Shallow-Water Marine Organisms. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	9
7	Calcification in Three Common Calcified Algae from Phuket, Thailand: Potential Relevance on Seawater Carbonate Chemistry and Link to Photosynthetic Process. <i>Plants</i> , 2021, 10, 2537.	1.6	3
8	Copper and zinc differentially affect root glutathione accumulation and phytochelatin synthase gene expression of <i>Rhizophora mucronata</i> seedlings: Implications for mechanisms underlying trace metal tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111175.	2.9	10
9	Effects of temperature and hypoxia on respiration, photorespiration, and photosynthesis of seagrass leaves from contrasting temperature regimes. <i>ICES Journal of Marine Science</i> , 2020, 77, 2056-2065.	1.2	37
10	Temperature and concentration of ZnO particles affect life history traits and oxidative stress in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2020, 224, 105517.	1.9	17
11	Differing photosynthetic responses to excess irradiance in the two coexisting seagrasses, <i>Halophila ovalis</i> and <i>Halophila decipiens</i> : Chloroplast avoidance movement, chlorophyll fluorescence, and leaf optical properties. <i>Aquatic Botany</i> , 2020, 166, 103268.	0.8	4
12	Transcriptome profiling analysis of the seagrass, <i>Zostera muelleri</i> under copper stress. <i>Marine Pollution Bulletin</i> , 2019, 149, 110556.	2.3	5
13	Tolerance Mechanisms to Copper and Zinc Excess in <i>Rhizophora mucronata</i> Lam. Seedlings Involve Cell Wall Sequestration and Limited Translocation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 573-580.	1.3	17
14	Excess copper promotes photoinhibition and modulates the expression of antioxidant-related genes in <i>Zostera muelleri</i> . <i>Aquatic Toxicology</i> , 2019, 207, 91-100.	1.9	25
15	Seagrass research in Southeast Asia. <i>Botanica Marina</i> , 2018, 61, 177-179.	0.6	11
16	Physiological responses of <i>Enhalus acoroides</i> to osmotic stress. <i>Botanica Marina</i> , 2018, 61, 257-267.	0.6	7
17	Photosynthetic and antioxidant responses of the tropical intertidal seagrasses <i>Halophila ovalis</i> and <i>Thalassia hemprichii</i> to moderate and high irradiances. <i>Botanica Marina</i> , 2018, 61, 247-256.	0.6	20
18	Early assessment of drought tolerance in oil palm D × P progenies using growth and physiological characters in seedling stage. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 544-554.	0.4	12

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19	Photobiology of Seagrasses: A Systems Biology Perspective. , 2017, , 133-165.		5
20	Depth-specific fluctuations of gene expression and protein abundance modulate the photophysiology in the seagrass <i>Posidonia oceanica</i> . Scientific Reports, 2017, 7, 42890.	1.6	57
21	Respiratory oxygen consumption in the seagrass <i>Zostera marina</i> varies on a diel basis and is partly affected by light. Marine Biology, 2017, 164, 140.	0.7	14
22	Photosynthetic activity and photoprotection in green and red leaves of the seagrasses, <i>Halophila ovalis</i> and <i>Cymodocea rotundata</i> : implications for the photoprotective role of anthocyanin. Marine Biology, 2017, 164, 1.	0.7	14
23	The role of O ₂ as an electron acceptor alternative to CO ₂ in photosynthesis of the common marine angiosperm <i>Zostera marina</i> L.. Photosynthesis Research, 2016, 129, 59-69.	1.6	16
24	Desiccation tolerance and underlying mechanisms for the recovery of the photosynthetic efficiency in the tropical intertidal seagrasses <i>Halophila ovalis</i> and <i>Thalassia hemprichii</i> . Botanica Marina, 2016, 59, 387-396.	0.6	8
25	Photosynthetic activity of seagrasses and macroalgae in temperate shallow waters can alter seawater pH and total inorganic carbon content at the scale of a coastal embayment. Marine and Freshwater Research, 2013, 64, 1040.	0.7	57
26	Photorespiration and Carbon Limitation Determine Productivity in Temperate Seagrasses. PLoS ONE, 2013, 8, e83804.	1.1	70
27	Effects of CO ₂ enrichment on photosynthesis, growth, and nitrogen metabolism of the seagrass <i>Zostera noltii</i> . Ecology and Evolution, 2012, 2, 2625-2635.	0.8	76
28	Effects of wave exposure on population and reproductive phenology of an algal turf, <i>Gelidium pusillum</i> (Gelidales, Rhodophyta), Songkhla, Thailand. Aquatic Botany, 2009, 90, 179-183.	0.8	16
29	Effect of nutrient inputs on growth, chlorophyll, and tissue nutrient concentration of <i>Ulva reticulata</i> from a tropical habitat. ScienceAsia, 2008, 34, 245.	0.2	18