

Pimchanok Buapet

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

542
citations

686830

13
h-index

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23
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30
all docs

30
docs citations

30
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Photorespiration and Carbon Limitation Determine Productivity in Temperate Seagrasses. PLoS ONE, 2013, 8, e83804.	1.1	70
3	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
4	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
5	Effects of temperature and hypoxia on respiration, photorespiration, and photosynthesis of seagrass leaves from contrasting temperature regimes. ICES Journal of Marine Science, 2020, 77, 2056-2065.	1.2	37
6	Excess copper promotes photoinhibition and modulates the expression of antioxidant-related genes in <i>Zostera muelleri</i> . Aquatic Toxicology, 2019, 207, 91-100.	1.9	25
7	Photosynthetic and antioxidant responses of the tropical intertidal seagrasses <i>Halophila ovalis</i> and <i>Thalassia hemprichii</i> to moderate and high irradiances. Botanica Marina, 2018, 61, 247-256.	0.6	20
8	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
9	Tolerance Mechanisms to Copper and Zinc Excess in <i>Rhizophora mucronata</i> Lam. Seedlings Involve Cell Wall Sequestration and Limited Translocation. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 573-580.	1.3	17
10	Temperature and concentration of ZnO particles affect life history traits and oxidative stress in <i>Daphnia magna</i> . Aquatic Toxicology, 2020, 224, 105517.	1.9	17
11	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
12	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
13	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
14	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
15	Early assessment of drought tolerance in oil palm D $\tilde{\text{A}}$ – P progenies using growth and physiological characters in seedling stage. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 544-554.	0.4	12
16	Seagrass research in Southeast Asia. Botanica Marina, 2018, 61, 177-179.	0.6	11
17	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. Ecotoxicology and Environmental Safety, 2020, 205, 111175.	2.9	10
18	Experimental Assessment of Vulnerability to Warming in Tropical Shallow-Water Marine Organisms. Frontiers in Marine Science, 2021, 8, .	1.2	9

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19	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> . <i>Botanica Marina</i> , 2016, 59, 387-396.	0.6	8
20	Physiological responses of <i>Enhalus acoroides</i> to osmotic stress. <i>Botanica Marina</i> , 2018, 61, 257-267.	0.6	7
21	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
22	Photobiology of Seagrasses: A Systems Biology Perspective. , 2017, , 133-165.		5
23	Transcriptome profiling analysis of the seagrass, <i>Zostera muelleri</i> under copper stress. <i>Marine Pollution Bulletin</i> , 2019, 149, 110556.	2.3	5
24	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
25	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
26	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
27	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
28	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
29	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