

Yisheng Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6382201/publications.pdf>

Version: 2024-02-01

31
papers

826
citations

516561

16
h-index

501076

28
g-index

34
all docs

34
docs citations

34
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecosystem carbon stocks of mangrove forest in Yingluo Bay, Guangdong Province of South China. <i>Forest Ecology and Management</i> , 2013, 310, 539-546.	1.4	115
2	Diversity, function and assembly of mangrove root-associated microbial communities at a continuous fine-scale. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 52.	2.9	68
3	SCycDB: A curated functional gene database for metagenomic profiling of sulphur cycling pathways. <i>Molecular Ecology Resources</i> , 2021, 21, 924-940.	2.2	52
4	Deriving vegetation drag coefficients in combined wave-current flows by calibration and direct measurement methods. <i>Advances in Water Resources</i> , 2018, 122, 217-227.	1.7	51
5	Appearance can be deceptive: shrubby native mangrove species contributes more to soil carbon sequestration than fast-growing exotic species. <i>Plant and Soil</i> , 2018, 432, 425-436.	1.8	51
6	<i>Sonneratia apetala</i> introduction alters methane cycling microbial communities and increases methane emissions in mangrove ecosystems. <i>Soil Biology and Biochemistry</i> , 2020, 144, 107775.	4.2	42
7	Microbially-driven sulfur cycling microbial communities in different mangrove sediments. <i>Chemosphere</i> , 2021, 273, 128597.	4.2	39
8	Mechanistic Modeling of Marsh Seedling Establishment Provides a Positive Outlook for Coastal Wetland Restoration Under Global Climate Change. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	39
9	Virtual increase or latent loss? A reassessment of mangrove populations and their conservation in Guangdong, southern China. <i>Marine Pollution Bulletin</i> , 2016, 109, 691-699.	2.3	35
10	Co-symbiosis of arbuscular mycorrhizal fungi (AMF) and diazotrophs promote biological nitrogen fixation in mangrove ecosystems. <i>Soil Biology and Biochemistry</i> , 2021, 161, 108382.	4.2	34
11	Early growth adaptability of four mangrove species under the canopy of an introduced mangrove plantation: Implications for restoration. <i>Forest Ecology and Management</i> , 2016, 373, 179-188.	1.4	31
12	Use of degraded coastal wetland in an integrated mangrove-aquaculture system: a case study from the South China Sea. <i>Ocean and Coastal Management</i> , 2013, 85, 209-213.	2.0	28
13	Species choice in mangrove reforestation may influence the quantity and quality of long-term carbon sequestration and storage. <i>Science of the Total Environment</i> , 2020, 714, 136742.	3.9	27
14	Contamination and distribution of heavy metals, polybrominated diphenyl ethers and alternative halogenated flame retardants in a pristine mangrove. <i>Marine Pollution Bulletin</i> , 2016, 103, 344-348.	2.3	25
15	Distribution of dissolved organic carbon and KMnO ₄ -oxidizable carbon along the low-to-high intertidal gradient in a mangrove forest. <i>Journal of Soils and Sediments</i> , 2015, 15, 2199-2209.	1.5	20
16	The role of mangrove fine root production and decomposition on soil organic carbon component ratios. <i>Ecological Indicators</i> , 2021, 125, 107525.	2.6	20
17	Effect of an integrated mangrove-aquaculture system on aquacultural health. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2009, 4, 579-584.	0.2	19
18	A Novel Instrument for Bed Dynamics Observation Supports Machine Learning Applications in Mangrove Biogeomorphic Processes. <i>Water Resources Research</i> , 2020, 56, e2020WR027257.	1.7	16

#	ARTICLE	IF	CITATIONS
19	MCycDB: A curated database for comprehensively profiling methane cycling processes of environmental microbiomes. <i>Molecular Ecology Resources</i> , 2022, 22, 1803-1823.	2.2	16
20	Food availability and predation risk drive the distributional patterns of two pulmonate gastropods in a mangrove-saltmarsh transitional habitat. <i>Marine Environmental Research</i> , 2017, 130, 21-29.	1.1	14
21	Polycyclic aromatic hydrocarbons in surface sediments of mangrove wetlands in Shantou, South China. <i>Journal of Geochemical Exploration</i> , 2019, 205, 106332.	1.5	13
22	Spatial patterns of biomass and soil attributes in an estuarine mangrove forest (Yingluo Bay, South China). <i>Estuarine, Coastal and Shelf Science</i> , 2019, 187, 106777.	1.1	11
23	Analysis of coastal storm damage resistance in successional mangrove species. <i>Limnology and Oceanography</i> , 2021, 66, 3221-3236.	1.6	11
24	Spatial variation of soil properties impacted by aquaculture effluent in a small-scale mangrove. <i>Marine Pollution Bulletin</i> , 2020, 160, 111511.	2.3	10
25	Carbon sequestration in soil and biomass under native and non-native mangrove ecosystems. <i>Plant and Soil</i> , 2022, 479, 61-76.	1.8	9
26	Mangrove Loss and Gain in a Densely Populated Urban Estuary: Lessons From the Guangdong-Hong Kong-Macao Greater Bay Area. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
27	How Red Mud-Induced Enhancement of Iron Plaque Formation Reduces Cadmium Accumulation in Rice with Different Radial Oxygen Loss. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1603-1613.	0.6	6
28	Monoculture or Mixed Culture? Relevance of Fine Root Dynamics to Carbon Sequestration Oriented Mangrove Afforestation and Restoration. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
29	Colonization by native species enhances the carbon storage capacity of exotic mangrove monocultures. <i>Carbon Balance and Management</i> , 2020, 15, 28.	1.4	5
30	Distributions of the Non-Native Mangrove <i>Sonneratia apetala</i> in China: Based on Google Earth Imagery and Field Survey. <i>Wetlands</i> , 2022, 42, .	0.7	5
31	Linkage Between Mangrove Seedling Colonization, Sediment Traits, and Nitrogen Input. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	1