Yisheng Peng

List of Publications by Year
in descending order

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	MCycDB: A curated database for comprehensively profiling methane cycling processes of environmental microbiomes. Molecular Ecology Resources, 2022, 22, 1803-1823.	2.2	16
2	Linkage Between Mangrove Seedling Colonization, Sediment Traits, and Nitrogen Input. Frontiers in Marine Science, 2022, 9, .	1.2	1
3	Carbon sequestration in soil and biomass under native and non-native mangrove ecosystems. Plant and Soil, 2022, 479, 61-76.	1.8	9
4	Distributions of the Non-Native Mangrove Sonneratia apetala in China: Based on Google Earth Imagery and Field Survey. Wetlands, 2022, 42, .	0.7	5
5	Microbially-driven sulfur cycling microbial communities in different mangrove sediments. Chemosphere, 2021, 273, 128597.	4.2	39
6	SCycDB: A curated functional gene database for metagenomic profiling of sulphur cycling pathways. Molecular Ecology Resources, 2021, 21, 924-940.	2.2	52
7	The role of mangrove fine root production and decomposition on soil organic carbon component ratios. Ecological Indicators, 2021, 125, 107525.	2.6	20
8	Analysis of coastal storm damage resistance in successional mangrove species. Limnology and Oceanography, 2021, 66, 3221-3236.	1.6	11
9	Mangrove Loss and Gain in a Densely Populated Urban Estuary: Lessons From the Guangdong-Hong Kong-Macao Greater Bay Area. Frontiers in Marine Science, 2021, 8, .	1.2	7
10	Co-symbiosis of arbuscular mycorrhizal fungi (AMF) and diazotrophs promote biological nitrogen fixation in mangrove ecosystems. Soil Biology and Biochemistry, 2021, 161, 108382.	4.2	34
11	Mechanistic Modeling of Marsh Seedling Establishment Provides a Positive Outlook for Coastal Wetland Restoration Under Global Climate Change. Geophysical Research Letters, 2021, 48, .	1.5	39
12	Monoculture or Mixed Culture? Relevance of Fine Root Dynamics to Carbon Sequestration Oriented Mangrove Afforestation and Restoration. Frontiers in Marine Science, 2021, 8, .	1.2	6
13	Diversity, function and assembly of mangrove root-associated microbial communities at a continuous fine-scale. Npj Biofilms and Microbiomes, 2020, 6, 52.	2.9	68
14	Spatial variation of soil properties impacted by aquaculture effluent in a small-scale mangrove. Marine Pollution Bulletin, 2020, 160, 111511.	2.3	10
15	Colonization by native species enhances the carbon storage capacity of exotic mangrove monocultures. Carbon Balance and Management, 2020, 15, 28.	1.4	5
16	Sonneratia apetala introduction alters methane cycling microbial communities and increases methane emissions in mangrove ecosystems. Soil Biology and Biochemistry, 2020, 144, 107775.	4.2	42
17	A Novel Instrument for Bed Dynamics Observation Supports Machine Learning Applications in Mangrove Biogeomorphic Processes. Water Resources Research, 2020, 56, e2020WR027257.	1.7	16
18	Species choice in mangrove reforestation may influence the quantity and quality of long-term carbon sequestration and storage. Science of the Total Environment, 2020, 714, 136742.	3.9	27

#	Article	IF	Citations
19	Polycyclic aromatic hydrocarbons in surface sediments of mangrove wetlands in Shantou, South China. Journal of Geochemical Exploration, 2019, 205, 106332.	1.5	13
20	Deriving vegetation drag coefficients in combined wave-current flows by calibration and direct measurement methods. Advances in Water Resources, 2018, 122, 217-227.	1.7	51
21	Appearance can be deceptive: shrubby native mangrove species contributes more to soil carbon sequestration than fast-growing exotic species. Plant and Soil, 2018, 432, 425-436.	1.8	51
22	Food availability and predation risk drive the distributional patterns of two pulmonate gastropods in a mangrove-saltmarsh transitional habitat. Marine Environmental Research, 2017, 130, 21-29.	1.1	14
23	Early growth adaptability of four mangrove species under the canopy of an introduced mangrove plantation: Implications for restoration. Forest Ecology and Management, 2016, 373, 179-188.	1.4	31
24	Virtual increase or latent loss? A reassessment of mangrove populations and their conservation in Guangdong, southern China. Marine Pollution Bulletin, 2016, 109, 691-699.	2.3	35
25	Contamination and distribution of heavy metals, polybrominated diphenyl ethers and alternative halogenated flame retardants in a pristine mangrove. Marine Pollution Bulletin, 2016, 103, 344-348.	2.3	25
26	How Red Mud-Induced Enhancement of Iron Plaque Formation Reduces Cadmium Accumulation in Rice with Different Radial Oxygen Loss. Polish Journal of Environmental Studies, 2016, 25, 1603-1613.	0.6	6
27	Distribution of dissolved organic carbon and KMnO4-oxidizable carbon along the low-to-high intertidal gradient in a mangrove forest. Journal of Soils and Sediments, 2015, 15, 2199-2209.	1.5	20
28	Spatial patterns of biomass and soil attributes in an estuarine mangrove forest (Yingluo Bay, South) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	11
29	Ecosystem carbon stocks of mangrove forest in Yingluo Bay, Guangdong Province of South China. Forest Ecology and Management, 2013, 310, 539-546.	1.4	115
30	Use of degraded coastal wetland in an integrated mangroveâ€“aquaculture system: a case study from the South China Sea. Ocean and Coastal Management, 2013, 85, 209-213.	2.0	28
31	Effect of an integrated mangrove-aquaculture system on aquacultural health. Frontiers of Biology in China: Selected Publications From Chinese Universities, 2009, 4, 579-584.	0.2	19