Moritz Müller

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Denial of longâ€ŧerm issues with agriculture on tropical peatlands will have devastating consequences. Global Change Biology, 2017, 23, 977-982.	9.5	114
2	Lateral carbon fluxes and CO ₂ outgassing from a tropical peat-draining river. Biogeosciences, 2015, 12, 5967-5979.	3.3	59
3	The impact of disturbed peatlands on river outgassing in Southeast Asia. Nature Communications, 2015, 6, 10155.	12.8	51
4	Distribution and cycling of terrigenous dissolved organic carbon in peatland-draining rivers and coastal waters of Sarawak, Borneo. Biogeosciences, 2018, 15, 6847-6865.	3.3	46
5	Insights into the Cultured Bacterial Fraction of Corals. MSystems, 2021, 6, e0124920.	3.8	45
6	Composition and cycling of dissolved organic matter from tropical peatlands of coastal Sarawak, Borneo, revealed by fluorescence spectroscopy and parallel factor analysis. Biogeosciences, 2019, 16, 2733-2749.	3.3	41
7	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. Scientific Reports, 2019, 9, 14419.	3.3	40
8	Nitrous oxide (N ₂ O) and methane (CH ₄) in rivers and estuaries of northwestern Borneo. Biogeosciences, 2019, 16, 4321-4335.	3.3	38
9	Dissolved inorganic nitrogen in a tropical estuary in Malaysia: transport and transformation. Biogeosciences, 2019, 16, 2821-2836.	3.3	34
10	Nitrous oxide and methane in two tropical estuaries in a peat-dominated region of northwestern Borneo. Biogeosciences, 2016, 13, 2415-2428.	3.3	30
11	Heavy metal resistant endophytic fungi isolated from Nypa fruticans in Kuching Wetland National Park. Ocean Science Journal, 2015, 50, 445-453.	1.3	25
12	Priorities to inform research on marine plastic pollution in Southeast Asia. Science of the Total Environment, 2022, 841, 156704.	8.0	25
13	Fate of terrestrial organic carbon and associated CO ₂ and CO emissions from two Southeast Asian estuaries. Biogeosciences, 2016, 13, 691-705.	3.3	23
14	Increased transfer of trace metals and Vibrio sp. from biodegradable microplastics to catfish Clarias gariepinus. Environmental Pollution, 2022, 298, 118850.	7.5	23
15	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. Estuarine, Coastal and Shelf Science, 2021, 262, 107571.	2.1	19
16	Impact of peatlands on carbon dioxide (CO ₂) emissions from the Rajang River and Estuary, Malaysia. Biogeosciences, 2019, 16, 17-32.	3.3	17
17	Distribution and degradation of terrestrial organic matter in the sediments of peat-draining rivers, Sarawak, Malaysian Borneo. Biogeosciences, 2019, 16, 4517-4533.	3.3	17
18	A Semi-Analytical Optical Remote Sensing Model to Estimate Suspended Sediment and Dissolved Organic Carbon in Tropical Coastal Waters Influenced by Peatland-Draining River Discharges off Sarawak, Borneo. Remote Sensing, 2021, 13, 99.	4.0	15

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19	Rising dissolved organic carbon concentrations in coastal waters of northwestern Borneo related to tropical peatland conversion. Science Advances, 2022, 8, eabi5688.	10.3	15
20	Holocene relative sea-level records from coral microatolls in Western Borneo, South China Sea. Holocene, 2018, 28, 1431-1442.	1.7	14
21	A comparative UHPLC-Q/TOF–MS-based eco-metabolomics approach reveals temperature adaptation of four Nepenthes species. Scientific Reports, 2020, 10, 21861.	3.3	14
22	A functional gene-array analysis of microbial communities settling on microplastics in a peat-draining environment. Marine Pollution Bulletin, 2021, 166, 112226.	5.0	13
23	Biosorption of copper by endophytic fungi isolated from <i>Nepenthes ampullaria</i> . Letters in Applied Microbiology, 2018, 67, 384-391.	2.2	12
24	An Electrochemical Study of the Influence of <i>Marinobacter aquaeolei</i> on the Alteration of Hydrothermal Chalcopyrite (CuFeS ₂) and Pyrite (FeS ₂) under Circumneutral Conditions. Geomicrobiology Journal, 2014, 31, 373-382.	2.0	10
25	Distribution and behaviour of dissolved selenium in tropical peatland-draining rivers and estuaries of Malaysia. Biogeosciences, 2020, 17, 1133-1145.	3.3	10
26	Distribution and flux of dissolved iron in the peatland-draining rivers and estuaries of Sarawak, Malaysian Borneo. Biogeosciences, 2020, 17, 1805-1819.	3.3	9
27	Biogeochemical controls on microbial diversity in seafloor sulphidic sediments. Geobiology, 2010, 8, 309-326.	2.4	7
28	Spatial-temporal variations in surface ozone over Ushuaia and the Antarctic region: observations from in situ measurements, satellite data, and global models. Environmental Science and Pollution Research, 2018, 25, 2194-2210.	5.3	7
29	A New Remote Sensing Method to Estimate River to Ocean DOC Flux in Peatland Dominated Sarawak Coastal Regions, Borneo. Remote Sensing, 2020, 12, 3380.	4.0	7
30	Coral Skeletal Luminescence Records Changes in Terrestrial Chromophoric Dissolved Organic Matter in Tropical Coastal Waters. Geophysical Research Letters, 2021, 48, e2020GL092130.	4.0	6
31	The potential roles of bacterial communities in coral defence: A case study at Talang-talang reef. Ocean Science Journal, 2015, 50, 269-282.	1.3	5
32	Biogeographical distribution of microbial communities along the Rajang River–South China Sea continuum. Biogeosciences, 2019, 16, 4243-4260.	3.3	4
33	The nonconservative distribution pattern of organic matter in the Rajang, a tropical river with peatland in its estuary. Biogeosciences, 2020, 17, 2473-2485.	3.3	3
34	Isolation, Identification and Screening of Antimicrobial Properties of the Marine-Derived Endophytic Fungi from Marine Brown Seaweed. Microbiology Indonesia, 2015, 9, 141-149.	0.3	3
35	Carbon cycle in tropical peatlands and coastal seas. , 2022, , 83-142.		2
36	CO ₂ emissions from peat-draining rivers regulated by water pH. Biogeosciences, 2022, 19, 2855-2880.	3.3	2

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37	Screening and characterisation of two strains of Pseudomonas aeruginosa from aquaculture and water environment. Malaysian Journal of Microbiology, 2018, , .	0.1	1
38	Shotgun metagenomic analysis of microbial communities in the surface waters of the Eastern South China Sea. Malaysian Journal of Microbiology, 2017, , .	0.1	1
39	The influence of mesoscale climate drivers on hypoxia in a fjord-like deep coastal inlet and its potential implications regarding climate change: examining a decade of water quality data. Biogeosciences, 2022, 19, 3131-3150.	3.3	1
40	Chemotactic response of <i>Vibrio coralliilyticus</i> to mucus from various coral species. Canadian Journal of Microbiology, 2021, 67, 548-552.	1.7	0
41	Role of bacterial communities in coral's defence against a causative agent of coral bleaching: Vibrio coralliilyticus. Malaysian Journal of Microbiology, 2016, , .	0.1	0
42	Protocol for Screening Endophytic Fungi Against Heavy Metals. Springer Protocols, 2022, , 45-53.	0.3	0