

# Moritz MÃ¼ller

## List of Publications by Year in descending order

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42  
papers

823  
citations

643344

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591227

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g-index

77  
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77  
docs citations

77  
times ranked

1034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon cycle in tropical peatlands and coastal seas. , 2022, , 83-142.		2
2	Increased transfer of trace metals and <i>Vibrio</i> sp. from biodegradable microplastics to catfish <i>Clarias gariepinus</i> . <i>Environmental Pollution</i> , 2022, 298, 118850.	3.7	23
3	Protocol for Screening Endophytic Fungi Against Heavy Metals. <i>Springer Protocols</i> , 2022, , 45-53.	0.1	0
4	Rising dissolved organic carbon concentrations in coastal waters of northwestern Borneo related to tropical peatland conversion. <i>Science Advances</i> , 2022, 8, eabi5688.	4.7	15
5	CO <sub>2</sub> emissions from peat-draining rivers regulated by water pH. <i>Biogeosciences</i> , 2022, 19, 2855-2880.	1.3	2
6	Priorities to inform research on marine plastic pollution in Southeast Asia. <i>Science of the Total Environment</i> , 2022, 841, 156704.	3.9	25
7	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. <i>Biogeosciences</i> , 2022, 19, 3131-3150.	1.3	1
8	Coral Skeletal Luminescence Records Changes in Terrestrial Chromophoric Dissolved Organic Matter in Tropical Coastal Waters. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092130.	1.5	6
9	A functional gene-array analysis of microbial communities settling on microplastics in a peat-draining environment. <i>Marine Pollution Bulletin</i> , 2021, 166, 112226.	2.3	13
10	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , 2021, 6, e0124920.	1.7	45
11	Chemotactic response of <i>Vibrio coralliilyticus</i> to mucus from various coral species. <i>Canadian Journal of Microbiology</i> , 2021, 67, 548-552.	0.8	0
12	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107571.	0.9	19
13	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. <i>Remote Sensing</i> , 2021, 13, 99.	1.8	15
14	A New Remote Sensing Method to Estimate River to Ocean DOC Flux in Peatland Dominated Sarawak Coastal Regions, Borneo. <i>Remote Sensing</i> , 2020, 12, 3380.	1.8	7
15	Distribution and behaviour of dissolved selenium in tropical peatland-draining rivers and estuaries of Malaysia. <i>Biogeosciences</i> , 2020, 17, 1133-1145.	1.3	10
16	Distribution and flux of dissolved iron in the peatland-draining rivers and estuaries of Sarawak, Malaysian Borneo. <i>Biogeosciences</i> , 2020, 17, 1805-1819.	1.3	9
17	The nonconservative distribution pattern of organic matter in the Rajang, a tropical river with peatland in its estuary. <i>Biogeosciences</i> , 2020, 17, 2473-2485.	1.3	3
18	A comparative UHPLC-Q/TOF-MS-based eco-metabolomics approach reveals temperature adaptation of four <i>Nepenthes</i> species. <i>Scientific Reports</i> , 2020, 10, 21861.	1.6	14

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19	Composition and cycling of dissolved organic matter from tropical peatlands of coastal Sarawak, Borneo, revealed by fluorescence spectroscopy and parallel factor analysis. <i>Biogeosciences</i> , 2019, 16, 2733-2749.	1.3	41
20	Dissolved inorganic nitrogen in a tropical estuary in Malaysia: transport and transformation. <i>Biogeosciences</i> , 2019, 16, 2821-2836.	1.3	34
21	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. <i>Scientific Reports</i> , 2019, 9, 14419.	1.6	40
22	Biogeographical distribution of microbial communities along the Rajang River—South China Sea continuum. <i>Biogeosciences</i> , 2019, 16, 4243-4260.	1.3	4
23	Impact of peatlands on carbon dioxide (CO <sub>2</sub> ) emissions from the Rajang River and Estuary, Malaysia. <i>Biogeosciences</i> , 2019, 16, 17-32.	1.3	17
24	Distribution and degradation of terrestrial organic matter in the sediments of peat-draining rivers, Sarawak, Malaysian Borneo. <i>Biogeosciences</i> , 2019, 16, 4517-4533.	1.3	17
25	Nitrous oxide (N <sub>2</sub> O) and methane (CH <sub>4</sub> ) in rivers and estuaries of northwestern Borneo. <i>Biogeosciences</i> , 2019, 16, 4321-4335.	1.3	38
26	Spatial-temporal variations in surface ozone over Ushuaia and the Antarctic region: observations from in situ measurements, satellite data, and global models. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2194-2210.	2.7	7
27	Distribution and cycling of terrigenous dissolved organic carbon in peatland-draining rivers and coastal waters of Sarawak, Borneo. <i>Biogeosciences</i> , 2018, 15, 6847-6865.	1.3	46
28	Biosorption of copper by endophytic fungi isolated from <i>Nepenthes ampullaria</i> . <i>Letters in Applied Microbiology</i> , 2018, 67, 384-391.	1.0	12
29	Holocene relative sea-level records from coral microatolls in Western Borneo, South China Sea. <i>Holocene</i> , 2018, 28, 1431-1442.	0.9	14
30	Screening and characterisation of two strains of <i>Pseudomonas aeruginosa</i> from aquaculture and water environment. <i>Malaysian Journal of Microbiology</i> , 2018, , .	0.1	1
31	Denial of long-term issues with agriculture on tropical peatlands will have devastating consequences. <i>Global Change Biology</i> , 2017, 23, 977-982.	4.2	114
32	Shotgun metagenomic analysis of microbial communities in the surface waters of the Eastern South China Sea. <i>Malaysian Journal of Microbiology</i> , 2017, , .	0.1	1
33	Fate of terrestrial organic carbon and associated CO <sub>2</sub> and CO emissions from two Southeast Asian estuaries. <i>Biogeosciences</i> , 2016, 13, 691-705.	1.3	23
34	Nitrous oxide and methane in two tropical estuaries in a peat-dominated region of northwestern Borneo. <i>Biogeosciences</i> , 2016, 13, 2415-2428.	1.3	30
35	Role of bacterial communities in coral's defence against a causative agent of coral bleaching: <i>Vibrio coralliilyticus</i> . <i>Malaysian Journal of Microbiology</i> , 2016, , .	0.1	0
36	The impact of disturbed peatlands on river outgassing in Southeast Asia. <i>Nature Communications</i> , 2015, 6, 10155.	5.8	51

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37	Lateral carbon fluxes and CO <sub>2</sub> outgassing from a tropical peat-draining river. <i>Biogeosciences</i> , 2015, 12, 5967-5979.	1.3	59
38	The potential roles of bacterial communities in coral defence: A case study at Talang-talang reef. <i>Ocean Science Journal</i> , 2015, 50, 269-282.	0.6	5
39	Heavy metal resistant endophytic fungi isolated from <i>Nypa fruticans</i> in Kuching Wetland National Park. <i>Ocean Science Journal</i> , 2015, 50, 445-453.	0.6	25
40	Isolation, Identification and Screening of Antimicrobial Properties of the Marine-Derived Endophytic Fungi from Marine Brown Seaweed. <i>Microbiology Indonesia</i> , 2015, 9, 141-149.	0.2	3
41	An Electrochemical Study of the Influence of <i>Marinobacter aquaeolei</i> on the Alteration of Hydrothermal Chalcopyrite (CuFeS <sub>2</sub> ) and Pyrite (FeS <sub>2</sub> ) under Circumneutral Conditions. <i>Geomicrobiology Journal</i> , 2014, 31, 373-382.	1.0	10
42	Biogeochemical controls on microbial diversity in seafloor sulphidic sediments. <i>Geobiology</i> , 2010, 8, 309-326.	1.1	7