

# Moritz MÃ¼ller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1669828/publications.pdf>

Version: 2024-02-01

42  
papers

823  
citations

567247

15  
h-index

526264

27  
g-index

77  
all docs

77  
docs citations

77  
times ranked

919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Denial of long-term issues with agriculture on tropical peatlands will have devastating consequences. <i>Global Change Biology</i> , 2017, 23, 977-982.	9.5	114
2	Lateral carbon fluxes and CO <sub>2</sub> outgassing from a tropical peat-draining river. <i>Biogeosciences</i> , 2015, 12, 5967-5979.	3.3	59
3	The impact of disturbed peatlands on river outgassing in Southeast Asia. <i>Nature Communications</i> , 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. <i>Biogeosciences</i> , 2018, 15, 6847-6865.	3.3	46
5	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , 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. <i>Biogeosciences</i> , 2019, 16, 2733-2749.	3.3	41
7	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. <i>Scientific Reports</i> , 2019, 9, 14419.	3.3	40
8	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.	3.3	38
9	Dissolved inorganic nitrogen in a tropical estuary in Malaysia: transport and transformation. <i>Biogeosciences</i> , 2019, 16, 2821-2836.	3.3	34
10	Nitrous oxide and methane in two tropical estuaries in a peat-dominated region of northwestern Borneo. <i>Biogeosciences</i> , 2016, 13, 2415-2428.	3.3	30
11	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.	1.3	25
12	Priorities to inform research on marine plastic pollution in Southeast Asia. <i>Science of the Total Environment</i> , 2022, 841, 156704.	8.0	25
13	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.	3.3	23
14	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.	7.5	23
15	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107571.	2.1	19
16	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.	3.3	17
17	Distribution and degradation of terrestrial organic matter in the sediments of peat-draining rivers, Sarawak, Malaysian Borneo. <i>Biogeosciences</i> , 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. <i>Remote Sensing</i> , 2021, 13, 99.	4.0	15

#	ARTICLE	IF	CITATIONS
19	Rising dissolved organic carbon concentrations in coastal waters of northwestern Borneo related to tropical peatland conversion. <i>Science Advances</i> , 2022, 8, eabi5688.	10.3	15
20	Holocene relative sea-level records from coral microatolls in Western Borneo, South China Sea. <i>Holocene</i> , 2018, 28, 1431-1442.	1.7	14
21	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.	3.3	14
22	A functional gene-array analysis of microbial communities settling on microplastics in a peat-draining environment. <i>Marine Pollution Bulletin</i> , 2021, 166, 112226.	5.0	13
23	Biosorption of copper by endophytic fungi isolated from <i>Nepenthes ampullaria</i> . <i>Letters in Applied Microbiology</i> , 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 ( $\text{CuFeS}_2$ ) and Pyrite ( $\text{FeS}_2$ ) under Circumneutral Conditions. <i>Geomicrobiology Journal</i> , 2014, 31, 373-382.	2.0	10
25	Distribution and behaviour of dissolved selenium in tropical peatland-draining rivers and estuaries of Malaysia. <i>Biogeosciences</i> , 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. <i>Biogeosciences</i> , 2020, 17, 1805-1819.	3.3	9
27	Biogeochemical controls on microbial diversity in seafloor sulphidic sediments. <i>Geobiology</i> , 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. <i>Environmental Science and Pollution Research</i> , 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. <i>Remote Sensing</i> , 2020, 12, 3380.	4.0	7
30	Coral Skeletal Luminescence Records Changes in Terrestrial Chromophoric Dissolved Organic Matter in Tropical Coastal Waters. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092130.	4.0	6
31	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.	1.3	5
32	Biogeographical distribution of microbial communities along the Rajang River-South China Sea continuum. <i>Biogeosciences</i> , 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. <i>Biogeosciences</i> , 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. <i>Microbiology Indonesia</i> , 2015, 9, 141-149.	0.3	3
35	Carbon cycle in tropical peatlands and coastal seas. , 2022, , 83-142.		2
36	$\text{CO}_2$ emissions from peat-draining rivers regulated by water pH. <i>Biogeosciences</i> , 2022, 19, 2855-2880.	3.3	2

#	ARTICLE	IF	CITATIONS
37	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
38	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
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. <i>Biogeosciences</i> , 2022, 19, 3131-3150.	3.3	1
40	Chemotactic response of <i>Vibrio coralliilyticus</i> to mucus from various coral species. <i>Canadian Journal of Microbiology</i> , 2021, 67, 548-552.	1.7	0
41	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
42	Protocol for Screening Endophytic Fungi Against Heavy Metals. <i>Springer Protocols</i> , 2022, , 45-53.	0.3	0