

Matthias Y Kellermann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/293592/publications.pdf>

Version: 2024-02-01

31
papers

1,339
citations

361413

20
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the Development of Standardized Bioassays for Corals: Acute Toxicity of the UV Filter Benzophenone-3 to Scleractinian Coral Larvae. <i>Toxics</i> , 2022, 10, 244.	3.7	17
2	Mono- and multispecies biofilms from a crustose coralline alga induce settlement in the scleractinian coral <i>Leptastrea purpurea</i> . <i>Coral Reefs</i> , 2021, 40, 381-394.	2.2	19
3	Challenges in Current Coral Reef Protection – Possible Impacts of UV Filters Used in Sunscreens, a Critical Review. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	33
4	UV filters used in sunscreens – A lack in current coral protection?. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 926-939.	2.9	8
5	Toxic effects of UV filters from sunscreens on coral reefs revisited: regulatory aspects for safe products. <i>Environmental Sciences Europe</i> , 2021, 33, .	5.5	43
6	Ecological and Pharmacological Activities of Polybrominated Diphenyl Ethers (PBDEs) from the Indonesian Marine Sponge <i>Lamellodysidea herbacea</i> . <i>Marine Drugs</i> , 2021, 19, 611.	4.6	5
7	Photosensitivity of the Bacterial Pigment Cycloprodigiosin Enables Settlement in Coral Larvae – Light as an Understudied Environmental Factor. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	11
8	Formation of ethane and propane via abiotic reductive conversion of acetic acid in hydrothermal sediments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
9	Chemical Defense Mechanisms and Ecological Implications of Indo-Pacific Holothurians. <i>Molecules</i> , 2020, 25, 4808.	3.8	17
10	Anti-Fouling Effects of Saponin-Containing Crude Extracts from Tropical Indo-Pacific Sea Cucumbers. <i>Marine Drugs</i> , 2020, 18, 181.	4.6	13
11	Rapid rates of aerobic methane oxidation at the feather edge of gas hydrate stability in the waters of Hudson Canyon, US Atlantic Margin. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 204, 375-387.	3.9	43
12	Starvation and recovery in the deep-sea methanotroph <i>Methyloprofundus sedimenti</i> . <i>Molecular Microbiology</i> , 2017, 103, 242-252.	2.5	40
13	Methane-Oxidizing Bacteria Shunt Carbon to Microbial Mats at a Marine Hydrocarbon Seep. <i>Frontiers in Microbiology</i> , 2017, 8, 186.	3.5	39
14	Minimal Influence of [NiFe] Hydrogenase on Hydrogen Isotope Fractionation in H ₂ -Oxidizing <i>Cupriavidus necator</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1886.	3.5	6
15	Microbial Communities in Methane- and Short Chain Alkane-Rich Hydrothermal Sediments of Guaymas Basin. <i>Frontiers in Microbiology</i> , 2016, 7, 17.	3.5	72
16	Metabolic Capabilities of Microorganisms Involved in and Associated with the Anaerobic Oxidation of Methane. <i>Frontiers in Microbiology</i> , 2016, 7, 46.	3.5	99
17	Tracking activity and function of microorganisms by stable isotope probing of membrane lipids. <i>Current Opinion in Biotechnology</i> , 2016, 41, 43-52.	6.6	41
18	Important roles for membrane lipids in haloarchaeal bioenergetics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2940-2956.	2.6	49

#	ARTICLE	IF	CITATIONS
19	Determining the flux of methane into ^Hudson ^Canyon at the edge of methane clathrate hydrate stability. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3882-3892.	2.5	19
20	Respiratory quinones in ^A^{rchaea}: phylogenetic distribution and application as biomarkers in the marine environment. <i>Environmental Microbiology</i> , 2016, 18, 692-707.	3.8	55
21	Tracing the production and fate of individual archaeal intact polar lipids using stable isotope probing. <i>Organic Geochemistry</i> , 2016, 95, 13-20.	1.8	33
22	Unprecedented Ultrahigh Resolution FT-ICR Mass Spectrometry and Parts-Per-Billion Mass Accuracy Enable Direct Characterization of Nickel and Vanadyl Porphyrins in Petroleum from Natural Seeps. <i>Energy & Fuels</i> , 2014, 28, 2454-2464.	5.1	88
23	Biodegradation at the Seafloor: Ultrahigh Resolution FT-ICR Mass Spectral Characterization of Natural Petroleum Seeps. <i>International Oil Spill Conference Proceedings</i> , 2014, 2014, 2083-2097.	0.1	0
24	Recurrent Oil Sheens at the ^{Deepwater Horizon} Disaster Site Fingerprinted with Synthetic Hydrocarbon Drilling Fluids. <i>Environmental Science & Technology</i> , 2013, 47, 8211-8219.	10.0	31
25	Autotrophy as a predominant mode of carbon fixation in anaerobic methane-oxidizing microbial communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19321-19326.	7.1	131
26	Symbiont-host relationships in chemosynthetic mussels: A comprehensive lipid biomarker study. <i>Organic Geochemistry</i> , 2012, 43, 112-124.	1.8	32
27	Towards constraining H ₂ concentration in subseafloor sediment: A proposal for combined analysis by two distinct approaches. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 186-201.	3.9	58
28	Assessing sub-seafloor microbial activity by combined stable isotope probing with deuterated water and ¹³ C-bicarbonate. <i>Environmental Microbiology</i> , 2012, 14, 1517-1527.	3.8	70
29	Methane in shallow cold seeps at Mocha Island off central Chile. <i>Continental Shelf Research</i> , 2011, 31, 574-581.	1.8	24
30	Systematic fragmentation patterns of archaeal intact polar lipids by high-performance liquid chromatography/electrospray ionization ion-trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3563-3574.	1.5	49
31	Thermophilic anaerobic oxidation of methane by marine microbial consortia. <i>ISME Journal</i> , 2011, 5, 1946-1956.	9.8	185