Perrine Cruaud

List of Publications by Year
in descending order

26 papers	1,037 citations	430874 18 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1555 citing authors

#	Article	IF	Citations
1	Genomic evidence of functional diversity in DPANN archaea, from oxic species to anoxic vampiristic consortia. ISME Communications, 2022, 2, .	4.2	15
2	Genomic evidence for sulfur intermediates as new biogeochemical hubs in a model aquatic microbial ecosystem. Microbiome, 2021, 9, 46.	11.1	32
3	Syntrophic Hydrocarbon Degradation in a Decommissioned Off-Shore Subsea Oil Storage Structure. Microorganisms, 2021, 9, 356.	3.6	7
4	Transcriptomic evidence for versatile metabolic activities of mercury cycling microorganisms in brackish microbial mats. Npj Biofilms and Microbiomes, 2021, 7, 83.	6.4	25
5	Annual bacterial community cycle in a seasonally iceâ€covered river reflects environmental and climatic conditions. Limnology and Oceanography, 2020, 65, S21.	3.1	59
6	Ultraâ€small and abundant: Candidate phyla radiation bacteria are potential catalysts of carbon transformation in a thermokarst lake ecosystem. Limnology and Oceanography Letters, 2020, 5, 212-220.	3.9	38
7	Rapid Changes in Microbial Community Structures along a Meandering River. Microorganisms, 2020, 8, 1631.	3.6	13
8	Contrasting Winter Versus Summer Microbial Communities and Metabolic Functions in a Permafrost Thaw Lake. Frontiers in Microbiology, 2019, 10, 1656.	3.5	65
9	Microbial Community Structure and Methane Cycling Potential along a Thermokarst Pond-Peatland Continuum. Microorganisms, 2019, 7, 486.	3.6	13
10	Ecophysiological differences between vesicomyid species and metabolic capabilities of their symbionts influence distribution patterns of the deepâ€sea clams. Marine Ecology, 2019, 40, e12541.	1.1	4
11	Contrasting Pathways for Anaerobic Methane Oxidation in Gulf of Mexico Cold Seep Sediments. MSystems, 2019, 4, .	3.8	27
12	Annual Protist Community Dynamics in a Freshwater Ecosystem Undergoing Contrasted Climatic Conditions: The Saint-Charles River (Canada). Frontiers in Microbiology, 2019, 10, 2359.	3.5	36
13	Increasing the utility of barcode databases through high-throughput sequencing of amplicons from dried museum specimens, an example on parasitic hymenoptera (Braconidae). Biological Control, 2018, 122, 93-100.	3.0	10
14	Multiple Strategies for Light-Harvesting, Photoprotection, and Carbon Flow in High Latitude Microbial Mats. Frontiers in Microbiology, 2018, 9, 2881.	3.5	33
15	Beyond the tip of the iceberg; a new view of the diversity of sulfite- and sulfate-reducing microorganisms. ISME Journal, 2018, 12, 2096-2099.	9.8	67
16	The Congolobe project, a multidisciplinary study of Congo deep-sea fan lobe complex: Overview of methods, strategies, observations and sampling. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 142, 7-24.	1.4	29
17	High-throughput sequencing of multiple amplicons for barcoding and integrative taxonomy. Scientific Reports, 2017, 7, 41948.	3.3	101
18	Open the Sterivex^{TM} casing: An easy and effective way to improve DNA extraction yields. Limnology and Oceanography: Methods, 2017, 15, 1015-1020.	2.0	71

#	Article	IF	Citations
19	Comparative metagenomics of hydrocarbon and methane seeps of the Gulf of Mexico. Scientific Reports, 2017, 7, 16015.	3.3	52
20	Comparative Study of Guaymas Basin Microbiomes: Cold Seeps vs. Hydrothermal Vents Sediments. Frontiers in Marine Science, 2017, 4, .	2.5	22
21	Microbial communities associated with benthic faunal assemblages at cold seep sediments of the Sonora Margin, Guaymas Basin. Frontiers in Marine Science, 2015, 2, .	2.5	19
22	Comparative study of vent and seep macrofaunal communities in the Guaymas Basin. Biogeosciences, 2015, 12, 5455-5479.	3.3	46
23	Phylogenetic and Functional Diversity of Microbial Communities Associated with Subsurface Sediments of the Sonora Margin, Guaymas Basin. PLoS ONE, 2014, 9, e104427.	2.5	29
24	Bacterial communities and syntrophic associations involved in anaerobic oxidation of methane process of the <scp>S</scp>onora <scp>M</scp>argin cold seeps, <scp>G</scp>uaymas <scp>B</scp>asin. Environmental Microbiology, 2014, 16, 2777-2790.	3.8	39
25	Influence of DNA Extraction Method, 16S rRNA Targeted Hypervariable Regions, and Sample Origin on Microbial Diversity Detected by 454 Pyrosequencing in Marine Chemosynthetic Ecosystems. Applied and Environmental Microbiology, 2014, 80, 4626-4639.	3.1	87
26	Archaeal and anaerobic methane oxidizer communities in the Sonora Margin cold seeps, Guaymas Basin (Gulf of California). ISME Journal, 2013, 7, 1595-1608.	9.8	98