

Perrine Cruaud

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1738499/publications.pdf>

Version: 2024-02-01

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	High-throughput sequencing of multiple amplicons for barcoding and integrative taxonomy. <i>Scientific Reports</i> , 2017, 7, 41948.	3.3	101
2	Archaeal and anaerobic methane oxidizer communities in the Sonora Margin cold seeps, Guaymas Basin (Gulf of California). <i>ISME Journal</i> , 2013, 7, 1595-1608.	9.8	98
3	Influence of DNA Extraction Method, 16S rRNA Targeted Hypervariable Regions, and Sample Origin on Microbial Diversity Detected by 454 Pyrosequencing in Marine Chemosynthetic Ecosystems. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4626-4639.	3.1	87
4	Open the Sterivex TM casing: An easy and effective way to improve DNA extraction yields. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 1015-1020.	2.0	71
5	Beyond the tip of the iceberg; a new view of the diversity of sulfite- and sulfate-reducing microorganisms. <i>ISME Journal</i> , 2018, 12, 2096-2099.	9.8	67
6	Contrasting Winter Versus Summer Microbial Communities and Metabolic Functions in a Permafrost Thaw Lake. <i>Frontiers in Microbiology</i> , 2019, 10, 1656.	3.5	65
7	Annual bacterial community cycle in a seasonally ice-covered river reflects environmental and climatic conditions. <i>Limnology and Oceanography</i> , 2020, 65, S21.	3.1	59
8	Comparative metagenomics of hydrocarbon and methane seeps of the Gulf of Mexico. <i>Scientific Reports</i> , 2017, 7, 16015.	3.3	52
9	Comparative study of vent and seep macrofaunal communities in the Guaymas Basin. <i>Biogeosciences</i> , 2015, 12, 5455-5479.	3.3	46
10	Bacterial communities and syntrophic associations involved in anaerobic oxidation of methane process of the Sonora Margin cold seeps, Guaymas Basin. <i>Environmental Microbiology</i> , 2014, 16, 2777-2790.	3.8	39
11	Ultra-small and abundant: Candidate phyla radiation bacteria are potential catalysts of carbon transformation in a thermokarst lake ecosystem. <i>Limnology and Oceanography Letters</i> , 2020, 5, 212-220.	3.9	38
12	Annual Protist Community Dynamics in a Freshwater Ecosystem Undergoing Contrasted Climatic Conditions: The Saint-Charles River (Canada). <i>Frontiers in Microbiology</i> , 2019, 10, 2359.	3.5	36
13	Multiple Strategies for Light-Harvesting, Photoprotection, and Carbon Flow in High Latitude Microbial Mats. <i>Frontiers in Microbiology</i> , 2018, 9, 2881.	3.5	33
14	Genomic evidence for sulfur intermediates as new biogeochemical hubs in a model aquatic microbial ecosystem. <i>Microbiome</i> , 2021, 9, 46.	11.1	32
15	Phylogenetic and Functional Diversity of Microbial Communities Associated with Subsurface Sediments of the Sonora Margin, Guaymas Basin. <i>PLoS ONE</i> , 2014, 9, e104427.	2.5	29
16	The Congolobe project, a multidisciplinary study of Congo deep-sea fan lobe complex: Overview of methods, strategies, observations and sampling. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 7-24.	1.4	29
17	Contrasting Pathways for Anaerobic Methane Oxidation in Gulf of Mexico Cold Seep Sediments. <i>MSystems</i> , 2019, 4, .	3.8	27
18	Transcriptomic evidence for versatile metabolic activities of mercury cycling microorganisms in brackish microbial mats. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 83.	6.4	25

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19	Comparative Study of Guaymas Basin Microbiomes: Cold Seeps vs. Hydrothermal Vents Sediments. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	22
20	Microbial communities associated with benthic faunal assemblages at cold seep sediments of the Sonora Margin, Guaymas Basin. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	19
21	Genomic evidence of functional diversity in DPANN archaea, from oxic species to anoxic vampiristic consortia. <i>ISME Communications</i> , 2022, 2, .	4.2	15
22	Microbial Community Structure and Methane Cycling Potential along a Thermokarst Pond-Peatland Continuum. <i>Microorganisms</i> , 2019, 7, 486.	3.6	13
23	Rapid Changes in Microbial Community Structures along a Meandering River. <i>Microorganisms</i> , 2020, 8, 1631.	3.6	13
24	Increasing the utility of barcode databases through high-throughput sequencing of amplicons from dried museum specimens, an example on parasitic hymenoptera (Braconidae). <i>Biological Control</i> , 2018, 122, 93-100.	3.0	10
25	Syntrophic Hydrocarbon Degradation in a Decommissioned Off-Shore Subsea Oil Storage Structure. <i>Microorganisms</i> , 2021, 9, 356.	3.6	7
26	Ecophysiological differences between vesicomid species and metabolic capabilities of their symbionts influence distribution patterns of the deep-sea clams. <i>Marine Ecology</i> , 2019, 40, e12541.	1.1	4