

Nolwenn Callac

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

541
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Colonization of Non-biodegradable and Biodegradable Plastics by Marine Microorganisms. <i>Frontiers in Microbiology</i> , 2018, 9, 1571.	3.5	190
2	Methane fluxes from coastal sediments are enhanced by macrofauna. <i>Scientific Reports</i> , 2017, 7, 13145.	3.3	41
3	Arsenic stress after the Proterozoic glaciations. <i>Scientific Reports</i> , 2016, 5, 17789.	3.3	30
4	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
5	DNA extractions from deep seafloor sediments: Novel cryogenic-mill-based procedure and comparison to existing protocols. <i>Journal of Microbiological Methods</i> , 2011, 87, 355-362.	1.6	28
6	Microbial Diversity and Activity During the Biodegradation in Seawater of Various Substitutes to Conventional Plastic Cotton Swab Sticks. <i>Frontiers in Microbiology</i> , 2021, 12, 604395.	3.5	28
7	Microbial colonization of basaltic glasses in hydrothermal organic-rich sediments at Guaymas Basin. <i>Frontiers in Microbiology</i> , 2013, 4, 250.	3.5	27
8	<i>Nautilia abyssi</i> sp. nov., a thermophilic, chemolithoautotrophic, sulfur-reducing bacterium isolated from an East Pacific Rise hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1310-1315.	1.7	25
9	<i>Pyrococcus kulkankanii</i> sp. nov., a hyperthermophilic, piezophilic archaeon isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3142-3149.	1.7	22
10	Effect of Nickel Levels on Hydrogen Partial Pressure and Methane Production in Methanogens. <i>PLoS ONE</i> , 2016, 11, e0168357.	2.5	21
11	Biogeochemical insights into microbe–“mineral”–fluid interactions in hydrothermal chimneys using enrichment culture. <i>Extremophiles</i> , 2015, 19, 597-617.	2.3	20
12	Atmospheric weathering of Scandinavian alum shales and the fractionation of C, N and S isotopes. <i>Applied Geochemistry</i> , 2016, 74, 94-108.	3.0	16
13	Microbial Communities Inhabiting a Rare Earth Element Enriched Birnessite-Type Manganese Deposit in the Ytterby Mine, Sweden. <i>Geomicrobiology Journal</i> , 2018, 35, 657-674.	2.0	14
14	Rare earth element enriched birnessite in water-bearing fractures, the Ytterby mine, Sweden. <i>Applied Geochemistry</i> , 2017, 78, 158-171.	3.0	11
15	Arsenic and high affinity phosphate uptake gene distribution in shallow submarine hydrothermal sediments. <i>Biogeochemistry</i> , 2018, 141, 41-62.	3.5	11
16	Modes of carbon fixation in an arsenic and CO ₂ -rich shallow hydrothermal ecosystem. <i>Scientific Reports</i> , 2017, 7, 14708.	3.3	9
17	Potential lineage transmission within the active microbiota of the eggs and the nauplii of the shrimp <i>Litopenaeus stylirostris</i> : possible influence of the rearing water and more. <i>PeerJ</i> , 2021, 9, e12241.	2.0	8
18	Is halophyte species growing in the vicinity of the shrimp ponds a promising agri-aquaculture system for shrimp ponds remediation in New Caledonia?. <i>Marine Pollution Bulletin</i> , 2022, 177, 113563.	5.0	6

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19	A 150-year record of phytoplankton community succession controlled by hydroclimatic variability in a tropical lake. <i>Biogeosciences</i> , 2016, 13, 3971-3980.	3.3	4
20	Complete Genome Sequence of the Hyperthermophilic Piezophilic Archaeon <i>Pyrococcus kulkankii</i> NCB100 Isolated from the Rebecca's Roost Hydrothermal Vent in the Guaymas Basin. <i>Genome Announcements</i> , 2017, 5, .	0.8	1