

Marianne Quemeneur

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,937
citations

257357

24
h-index

302012

39
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42
all docs

42
docs citations

42
times ranked

2294
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiency of benthic diatom-associated bacteria in the removal of benzo(a)pyrene and fluoranthene. <i>Science of the Total Environment</i> , 2021, 751, 141399.	3.9	40
2	<i>Alkaliphilus serpentinus</i> sp. nov. and <i>Alkaliphilus pronyensis</i> sp. nov., two novel anaerobic alkaliphilic species isolated from the serpentinite-hosted Prony Bay Hydrothermal Field (New Caledonia). <i>Systematic and Applied Microbiology</i> , 2021, 44, 126175.	1.2	19
3	<i>Alkalicella caledoniensis</i> gen. nov., sp. nov., a novel alkaliphilic anaerobic bacterium isolated from La Croûte alkaline thermal spring, New Caledonia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	10
4	Prokaryotic Diversity and Hydrogenotrophic Methanogenesis in an Alkaline Spring (La Croûte, New) <i>Journal of Geophysical Research: Earth Surface</i> , 2021, 126, e2021JG006243.	1.6	10
5	The Chemistry of Hyperalkaline Springs in Serpentinizing Environments: 1. The Composition of Free Gases in New Caledonia Compared to Other Springs Worldwide. <i>Journal of Geophysical Research: Earth Surface</i> , 2021, 126, e2021JG006243.	1.3	10
6	The concentration of organic compounds in high-pH waters of serpentinizing environments determined by 1H NMR: continental sites (Oman, Liguria, New Caledonia, Portugal) and a marine environment (Marianna mud volcanoes: IODP Exp 366, ODP Legs 125 and 195). <i>Frontiers in Microbiology</i> , 2021, 12, 682323.		0
7	Investigating the diversity and metabolic interactions in hydrogen-powered microbial consortia cultures from a shallow marine serpentinite-hosted ecosystem, the Prony Bay Hydrothermal Field (PBHF), New Caledonia. <i>Frontiers in Microbiology</i> , 2021, 12, 682323.		0
8	Prokaryotic Diversity and Distribution Along Physical and Nutrient Gradients in the Tunisian Coastal Waters (South Mediterranean Sea). <i>Frontiers in Microbiology</i> , 2020, 11, 593540.	1.5	9
9	Impact of cigarette butts on microbial diversity and dissolved trace metals in coastal marine sediment. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 240, 106785.	0.9	29
10	Hydrostatic Pressure Helps to Cultivate an Original Anaerobic Bacterium From the Atlantis Massif Subseafloor (IODP Expedition 357): <i>Petrocella atlantisensis</i> gen. nov. sp. nov.. <i>Frontiers in Microbiology</i> , 2019, 10, 1497.	1.5	28
11	Impact of sterilization methods on dissolved trace metals concentrations in complex natural samples: Optimization of UV irradiation. <i>MethodsX</i> , 2019, 6, 1133-1146.	0.7	6
12	Dynamics of trace metals in a shallow coastal ecosystem: insights from the Gulf of Gabon (southern) <i>Journal of Geophysical Research: Earth Surface</i> , 2019, 124, e2019JG002677.	0.7	15
13	Effect of Acidic Industrial Effluent Release on Microbial Diversity and Trace Metal Dynamics During Resuspension of Coastal Sediment. <i>Frontiers in Microbiology</i> , 2018, 9, 3103.	1.5	31
14	Magmatism, serpentinization and life: Insights through drilling the Atlantis Massif (IODP Expedition) <i>Journal of Geophysical Research: Earth Surface</i> , 2018, 123, e2018JG002486.	0.6	58
15	Alteration Heterogeneities in Peridotites Exhumed on the Southern Wall of the Atlantis Massif (IODP) <i>Journal of Geophysical Research: Earth Surface</i> , 2017, 122, e2017JG002486.	1.1	95
16	Diversity of Rare and Abundant Prokaryotic Phylotypes in the Prony Hydrothermal Field and Comparison with Other Serpentinite-Hosted Ecosystems. <i>Frontiers in Microbiology</i> , 2018, 9, 102.	1.5	23
17	Abundance and diversity of prokaryotes in ephemeral hypersaline lake Chott El Jerid using Illumina Miseq sequencing, DGGE and qPCR assays. <i>Extremophiles</i> , 2018, 22, 811-823.	0.9	31
18	Inhibitory effects of sodium azide on microbial growth in experimental resuspension of marine sediment. <i>Journal of Microbiological Methods</i> , 2017, 133, 62-65.	0.7	54

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19	Mineralizing Filamentous Bacteria from the Prony Bay Hydrothermal Field Give New Insights into the Functioning of Serpentinization-Based Subseafloor Ecosystems. <i>Frontiers in Microbiology</i> , 2017, 8, 57.	1.5	40
20	Microbial Diversity in Sulfate-Reducing Marine Sediment Enrichment Cultures Associated with Anaerobic Biotransformation of Coastal Stockpiled Phosphogypsum (Sfax, Tunisia). <i>Frontiers in Microbiology</i> , 2017, 8, 1583.	1.5	31
21	Metagenomic and PCR-Based Diversity Surveys of [FeFe]-Hydrogenases Combined with Isolation of Alkaliphilic Hydrogen-Producing Bacteria from the Serpentinite-Hosted Prony Hydrothermal Field, New Caledonia. <i>Frontiers in Microbiology</i> , 2016, 7, 1301.	1.5	24
22	Bacterial Community Structure and Functional Gene Diversity Associated with Arsenic Reduction and Release in an Industrially Contaminated Soil. <i>Geomicrobiology Journal</i> , 2016, 33, 839-849.	1.0	14
23	Prokaryotic diversity in a Tunisian hypersaline lake, Chott El Jerid. <i>Extremophiles</i> , 2016, 20, 125-138.	0.9	37
24	<i>Serpentinicella alkaliphila</i> gen. nov., sp. nov., a novel alkaliphilic anaerobic bacterium isolated from the serpentinite-hosted Prony hydrothermal field, New Caledonia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4464-4470.	0.8	27
25	Microbial diversity in a submarine carbonate edifice from the serpentinizing hydrothermal system of the Prony Bay (New Caledonia) over a 6-year period. <i>Frontiers in Microbiology</i> , 2015, 6, 857.	1.5	53
26	Endolithic microbial communities in carbonate precipitates from serpentinite-hosted hyperalkaline springs of the Voltri Massif (Ligurian Alps, Northern Italy). <i>Environmental Science and Pollution Research</i> , 2015, 22, 13613-13624.	2.7	42
27	<i>Acetoanaerobium pronyense</i> sp. nov., an anaerobic alkaliphilic bacterium isolated from a carbonate chimney of the Prony Hydrothermal Field (New Caledonia). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2574-2580.	0.8	51
28	Fluid chemistry of the low temperature hyperalkaline hydrothermal system of Prony Bay (New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.3	79
29	Spatial distribution of microbial communities in the shallow submarine alkaline hydrothermal field of the Prony Bay, New Caledonia. <i>Environmental Microbiology Reports</i> , 2014, 6, 665-674.	1.0	64
30	Do furanic and phenolic compounds of lignocellulosic and algae biomass hydrolyzate inhibit anaerobic mixed cultures? A comprehensive review. <i>Biotechnology Advances</i> , 2014, 32, 934-951.	6.0	363
31	Fermentative hydrogen production by a new alkaliphilic <i>Clostridium</i> sp. (strain PROH2) isolated from a shallow submarine hydrothermal chimney in Prony Bay, New Caledonia. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 19465-19473.	3.8	46
32	Effect of enzyme addition on fermentative hydrogen production from wheat straw. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 10639-10647.	3.8	82
33	Innovative CO ₂ pretreatment for enhancing biohydrogen production from the organic fraction of municipal solid waste (OFMSW). <i>International Journal of Hydrogen Energy</i> , 2012, 37, 14062-14071.	3.8	24
34	Inhibition of fermentative hydrogen production by lignocellulose-derived compounds in mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 3150-3159.	3.8	167
35	Changes in hydrogenase genetic diversity and proteomic patterns in mixed-culture dark fermentation of mono-, di- and tri-saccharides. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 11654-11665.	3.8	41
36	Functional versus phylogenetic fingerprint analyses for monitoring hydrogen-producing bacterial populations in dark fermentation cultures. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 3870-3879.	3.8	32

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37	Proposal that the arsenite-oxidizing organisms <i>Thiomonas cuprina</i> and "Thiomonas arsenivorans"™ be reclassified as strains of <i>Thiomonas delicata</i> , and emended description of <i>Thiomonas delicata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2816-2821.	0.8	25
38	Development and application of a functional CE-SSCP fingerprinting method based on [Fe"Fe]-hydrogenase genes for monitoring hydrogen-producing <i>Clostridium</i> in mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13158-13167.	3.8	30
39	Identification of different alkane hydroxylase systems in <i>Rhodococcus ruber</i> strain SP2B, an hexane-degrading actinomycete. <i>Journal of Applied Microbiology</i> , 2010, 108, 1903-1916.	1.4	42
40	Population Structure and Abundance of Arsenite-Oxidizing Bacteria along an Arsenic Pollution Gradient in Waters of the Upper Isle River Basin, France. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4566-4570.	1.4	86
41	Diversity Surveys and Evolutionary Relationships of <i>aoxB</i> Genes in Aerobic Arsenite-Oxidizing Bacteria. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4567-4573.	1.4	134