

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	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
2	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
3	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
4	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
5	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
6	Fluid chemistry of the low temperature hyperalkaline hydrothermal system of Prony Bay (New Caledonia). <i>Journal of Hydrothermal Venting</i> , 2010, 10, 54-79.	1.3	79
7	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
8	Magmatism, serpentinization and life: Insights through drilling the Atlantis Massif (IODP Expedition). <i>Journal of Hydrothermal Venting</i> , 2010, 10, 5-18.	8.6	58
9	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
10	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
11	<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
12	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
13	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
14	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
15	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
16	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
17	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
18	Prokaryotic diversity in a Tunisian hypersaline lake, Chott El Jerid. <i>Extremophiles</i> , 2016, 20, 125-138.	0.9	37

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19	Alteration Heterogeneities in Peridotites Exhumed on the Southern Wall of the Atlantis Massif (IODP Tj ETQq1 1 0,784314 rgBT /Ove	1.1	35
20	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
21	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
22	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
23	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
24	Development and application of a functional CE-SSCP fingerprinting method based on [Feâ€“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
25	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
26	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
27	<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
28	Proposal that the arsenite-oxidizing organisms <i>Thiomonas cuprina</i> and â€“ <i>Thiomonas arsenivorans</i> â€™ 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
29	Innovative CO2 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
30	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
31	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
32	<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
33	Dynamics of trace metals in a shallow coastal ecosystem: insights from the Gulf of GabÃ“s (southern) Tj ETQq1 1 0,784314 rgBT /Ove	0.7	15
34	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
35	<i>Alkalicella caledoniensis</i> gen. nov., sp. nov., a novel alkaliphilic anaerobic bacterium isolated from â€“La Crouenâ€™ alkaline thermal spring, New Caledonia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	10
36	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 G: Biogeosciences</i> , 2021, 126, e2021JG006243.	1.3	10

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37	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
38	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
39	Prokaryotic Diversity and Hydrogenotrophic Methanogenesis in an Alkaline Spring (La Crouen, New) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	5
40	The concentration of organic compounds in high-pH waters of serpentinizing environments determined by ¹ H NMR: continental sites (Oman, Liguria, New Caledonia, Portugal) and a marine environment (Marianna mud volcanoes: IODP Exp 366, ODP Legs 125 and 195). , 2021, , .		0
41	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.. , 2021, , .		0