

Stephane L'Haridon

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,312
citations

136885

32
h-index

189801

50
g-index

52
all docs

52
docs citations

52
times ranked

3194
citing authors

#	ARTICLE	IF	CITATIONS
1	The first head-tailed virus, MFTV1, infecting hyperthermophilic methanogenic deep-sea archaea. <i>Environmental Microbiology</i> , 2020, 23, 3614-3626.	1.8	16
2	<i>Methanohalophilus profundus</i> sp. nov., a methylotrophic halophilic piezophilic methanogen isolated from a deep hypersaline anoxic basin. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126107.	1.2	10
3	Complex subsurface hydrothermal fluid mixing at a submarine arc volcano supports distinct and highly diverse microbial communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32627-32638.	3.3	36
4	<i>Profundibacter amoris</i> gen. nov., sp. nov., a new member of the Roseobacter clade isolated from Loki's Castle Vent Field on the Arctic Mid-Ocean Ridge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 975-981.	0.8	8
5	The interplay at the replisome mitigates the impact of oxidative damage on the genetic integrity of hyperthermophilic Archaea. <i>ELife</i> , 2019, 8, .	2.8	9
6	Complete Genome Sequence of the Halophilic Methylotrophic Methanogen Archaeon <i>Methanohalophilus portucalensis</i> Strain FDF-1. <i>Genome Announcements</i> , 2018, 6, .	0.8	6
7	Complete genome sequence and whole-genome phylogeny of <i>Kosmotoga pacifica</i> type strain SLHJ1T from an East Pacific hydrothermal sediment. <i>Standards in Genomic Sciences</i> , 2017, 12, 3.	1.5	4
8	Complete Genome Sequence of <i>Methanohalophilus halophilus</i> DSM 3094, Isolated from a Cyanobacterial Mat and Bottom Deposits at Hamelin Pool, Shark Bay, Northwestern Australia. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
9	Characterization and antimicrobial potential of extremely halophilic archaea isolated from hypersaline environments of the Algerian Sahara. <i>Microbiological Research</i> , 2016, 186-187, 119-131.	2.5	44
10	<i>Thermococcus piezophilus</i> sp. nov., a novel hyperthermophilic and piezophilic archaeon with a broad pressure range for growth, isolated from a deepest hydrothermal vent at the Mid-Cayman Rise. <i>Systematic and Applied Microbiology</i> , 2016, 39, 440-444.	1.2	47
11	The ocean sampling day consortium. <i>GigaScience</i> , 2015, 4, 27.	3.3	185
12	Evidence of Active Methanogen Communities in Shallow Sediments of the Sonora Margin Cold Seeps. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3451-3459.	1.4	35
13	<i>Kosmotoga pacifica</i> sp. nov., a thermophilic chemoorganoheterotrophic bacterium isolated from an East Pacific hydrothermal sediment. <i>Extremophiles</i> , 2014, 18, 81-88.	0.9	22
14	<i>Methanococcoides vulcani</i> sp. nov., a marine methylotrophic methanogen that uses betaine, choline and N,N-dimethylethanolamine for methanogenesis, isolated from a mud volcano, and emended description of the genus <i>Methanococcoides</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1978-1983.	0.8	51
15	Methanogenic activity and diversity in the centre of the Amsterdam Mud Volcano, Eastern Mediterranean Sea. <i>FEMS Microbiology Ecology</i> , 2012, 81, 243-254.	1.3	29
16	Methanogenic diversity and activity in hypersaline sediments of the centre of the Napoli mud volcano, Eastern Mediterranean Sea. <i>Environmental Microbiology</i> , 2011, 13, 2078-2091.	1.8	55
17	Unveiling microbial life in new deep-sea hypersaline Lake Thetis. Part I: Prokaryotes and environmental settings. <i>Environmental Microbiology</i> , 2011, 13, 2250-2268.	1.8	86
18	Distribution of anaerobic methane-oxidizing and sulfate-reducing communities in the G11 Nyegga pockmark, Norwegian Sea. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 639-653.	0.7	17

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19	Archaeal Populations in Hypersaline Sediments Underlying Orange Microbial Mats in the Napoli Mud Volcano. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3120-3131.	1.4	26
20	Intrinsic properties of the two replicative DNA polymerases of <i>Pyrococcus abyssi</i> in replicating abasic sites: possible role in DNA damage tolerance?. <i>Molecular Microbiology</i> , 2008, 70, 746-761.	1.2	30
21	<i>Mariniflexile fucanivorans</i> sp. nov., a marine member of the Flavobacteriaceae that degrades sulphated fucans from brown algae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2107-2113.	0.8	39
22	Description of <i>Maribacter forsetii</i> sp. nov., a marine Flavobacteriaceae isolated from North Sea water, and emended description of the genus <i>Maribacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 790-797.	0.8	47
23	<i>Desulfurobacterium atlanticum</i> sp. nov., <i>Desulfurobacterium pacificum</i> sp. nov. and <i>Thermovibrio guaymasensis</i> sp. nov., three thermophilic members of the Desulfurobacteriaceae fam. nov., a deep branching lineage within the Bacteria. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2843-2852.	0.8	61
24	<i>Vulcanibacillus modesticaldus</i> gen. nov., sp. nov., a strictly anaerobic, nitrate-reducing bacterium from deep-sea hydrothermal vents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1047-1053.	0.8	53
25	<i>Caminibacter profundus</i> sp. nov., a novel thermophile of Nautiliales ord. nov. within the class "Epsilonproteobacteria", isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 41-45.	0.8	86
26	<i>Thermodesulfator indicus</i> gen. nov., sp. nov., a novel thermophilic chemolithoautotrophic sulfate-reducing bacterium isolated from the Central Indian Ridge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 227-233.	0.8	91
27	<i>Thermococcus marinus</i> sp. nov. and <i>Thermococcus radiotolerans</i> sp. nov., two hyperthermophilic archaea from deep-sea hydrothermal vents that resist ionizing radiation. <i>Extremophiles</i> , 2004, 8, 219-227.	0.9	78
28	Design of 16S rRNA-targeted oligonucleotide probes for detecting cultured and uncultured archaeal lineages in high-temperature environments. <i>Environmental Microbiology</i> , 2004, 6, 170-182.	1.8	20
29	Isolation from oil reservoirs of novel thermophilic anaerobes phylogenetically related to <i>Thermoanaerobacter subterraneus</i> : reassignment of <i>T. subterraneus</i> , <i>Thermoanaerobacter yonseiensis</i> , <i>Thermoanaerobacter tengcongensis</i> and <i>Carboxydibrachium pacificum</i> to <i>Caldanaerobacter subterraneus</i> gen. nov., sp. nov., comb. nov. as four novel subspecies. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 467-474.	0.8	142
30	Radioisotopic, Culture-Based, and Oligonucleotide Microchip Analyses of Thermophilic Microbial Communities in a Continental High-Temperature Petroleum Reservoir. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6143-6151.	1.4	160
31	<i>Methanocaldococcus indicus</i> sp. nov., a novel hyperthermophilic methanogen isolated from the Central Indian Ridge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1931-1935.	0.8	55
32	<i>Deferribacter abyssi</i> sp. nov., an anaerobic thermophile from deep-sea hydrothermal vents of the Mid-Atlantic Ridge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1637-1641.	0.8	82
33	<i>Vulcanithermus mediatlanticus</i> gen. nov., sp. nov., a novel member of the family Thermaceae from a deep-sea hot vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1143-1148.	0.8	58
34	<i>Thermococcus gammatolerans</i> sp. nov., a hyperthermophilic archaeon from a deep-sea hydrothermal vent that resists ionizing radiation. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 847-851.	0.8	153
35	<i>Oceanithermus profundus</i> gen. nov., sp. nov., a thermophilic, microaerophilic, facultatively chemolithoheterotrophic bacterium from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 747-752.	0.8	76
36	<i>Petrogoga olearia</i> sp. nov. and <i>Petrogoga sibirica</i> sp. nov., two thermophilic bacteria isolated from a continental petroleum reservoir in Western Siberia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1715-1722.	0.8	26

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37	<i>Thermodesulfobacterium hydrogeniphilum</i> sp. nov., a thermophilic, chemolithoautotrophic, sulfate-reducing bacterium isolated from a deep-sea hydrothermal vent at Guaymas Basin, and emendation of the genus <i>Thermodesulfobacterium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 765-772.	0.8	75
38	<i>Nautilia lithotrophica</i> gen. nov., sp. nov., a thermophilic sulfur-reducing epsilon-proteobacterium isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1299-1304.	0.8	64
39	Bacterial Origin for the Isoprenoid Biosynthesis Enzyme HMG-CoA Reductase of the Archaeal Orders Thermoplasmatales and Archaeoglobales. <i>Molecular Biology and Evolution</i> , 2001, 18, 1378-1388.	3.5	45
40	Phylogenetic Analyses of Two "Archaeal" Genes in <i>Thermotoga maritima</i> Reveal Multiple Transfers Between Archaea and Bacteria. <i>Molecular Biology and Evolution</i> , 2001, 18, 362-375.	3.5	135
41	<i>Zobellia galactanovorans</i> gen. nov., sp. nov., a marine species of Flavobacteriaceae isolated from a red alga, and classification of [<i>Cytophaga</i>] <i>uliginosa</i> (ZoBell and Upham 1944) Reichenbach 1989 as <i>Zobellia uliginosa</i> gen. nov., comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 985-997.	0.8	168
42	<i>Thermosipho geolei</i> sp. nov., a thermophilic bacterium isolated from a continental petroleum reservoir in Western Siberia.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 1327-1334.	0.8	51
43	<i>Methanococcus vulcanius</i> sp. nov., a novel hyperthermophilic methanogen isolated from East Pacific Rise, and identification of <i>Methanococcus</i> sp. DSM 4213 as <i>Methanococcus fervens</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 583-589.	0.8	106
44	Rapid identification of hyperthermophilic methanococci isolated from deep-sea hydrothermal vents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 591-594.	0.8	37
45	Dissimilatory Reduction of Fe(III) by Thermophilic Bacteria and Archaea in Deep Subsurface Petroleum Reservoirs of Western Siberia. <i>Current Microbiology</i> , 1999, 39, 99-102.	1.0	137
46	Investigation of structure and antigenic capacities of Thermococcales cell envelopes and reclassification of " <i>Caldococcus litoralis</i> " Z-1301 as <i>Thermococcus litoralis</i> Z-1301. <i>Extremophiles</i> , 1999, 3, 239-246.	0.9	15
47	<i>Desulfurobacterium thermolithotrophum</i> gen. nov., sp. nov., a novel autotrophic, sulphur-reducing bacterium isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic Bacteriology</i> , 1998, 48, 701-711.	2.8	109
48	<i>Methanococcus infernus</i> sp. nov., a novel hyperthermophilic lithotrophic methanogen isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic Bacteriology</i> , 1998, 48, 913-919.	2.8	92
49	<i>Thermotoga subterranea</i> sp. nov., a new thermophilic bacterium isolated from a continental oil reservoir. <i>Archives of Microbiology</i> , 1995, 164, 91-97.	1.0	106
50	Hot subterranean biosphere in a continental oil reservoir. <i>Nature</i> , 1995, 377, 223-224.	13.7	225