

Amy V Callaghan

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,902
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

2037
citing authors

#	ARTICLE	IF	CITATIONS
1	The Complete Genome Sequence of <i>n</i> -Alkane-Degrading <i>Desulfoglaeba alkanexedens</i> ALDC Reveals Multiple Alkylsuccinate Synthase Gene Clusters. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0
2	Surface and Subsurface Coal Environments: From Environmental Formation and Chemistry to Microbial Communities. , 2019, , 179-201.		0
3	Surface and Subsurface Coal Environments: From Environmental Formation and Chemistry to Microbial Communities. , 2018, , 1-23.		1
4	Anaerobic hydrocarbon biodegradation and biocorrosion of carbon steel in marine environments: The impact of different ultra low sulfur diesels and bioaugmentation. <i>International Biodeterioration and Biodegradation</i> , 2017, 118, 45-56.	3.9	24
5	Metabolomic and Metagenomic Analysis of Two Crude Oil Production Pipelines Experiencing Differential Rates of Corrosion. <i>Frontiers in Microbiology</i> , 2017, 8, 99.	3.5	38
6	Methanogenic paraffin degradation proceeds via alkane addition to fumarate by <i>Smithella</i> spp. mediated by a syntrophic coupling with hydrogenotrophic methanogens. <i>Environmental Microbiology</i> , 2016, 18, 2604-2619.	3.8	71
7	Transcriptional response of <i>Desulfatibacillum alkenivorans</i> AK-01 to growth on alkanes: insights from RT-qPCR and microarray analyses. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw062.	2.7	13
8	<i>Dethiosulfatarculus sandiegensis</i> gen. nov., sp. nov., isolated from a methanogenic paraffin-degrading enrichment culture and emended description of the family <i>Desulfarculaceae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1242-1248.	1.7	29
9	Interrogation of Chesapeake Bay sediment microbial communities for intrinsic alkane-utilizing potential under anaerobic conditions. <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-14.	2.7	24
10	Biosphere frontiers of subsurface life in the sedimented hydrothermal system of Guaymas Basin. <i>Frontiers in Microbiology</i> , 2014, 5, 362.	3.5	74
11	Microbial transformation of the Deepwater Horizon oil spill—past, present, and future perspectives. <i>Frontiers in Microbiology</i> , 2014, 5, 603.	3.5	155
12	Genome Sequence of <i>Youngiibacter fragilis</i> , the Type Strain of the Genus <i>Youngiibacter</i> . <i>Genome Announcements</i> , 2014, 2, .	0.8	4
13	<i>Youngiibacter fragilis</i> gen. nov., sp. nov., isolated from natural gas production-water and reclassification of <i>Acetivibrio multivorans</i> as <i>Youngiibacter multivorans</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 198-205.	1.7	24
14	Metabolomic investigations of anaerobic hydrocarbon-impacted environments. <i>Current Opinion in Biotechnology</i> , 2013, 24, 506-515.	6.6	81
15	Impact of Organosulfur Content on Diesel Fuel Stability and Implications for Carbon Steel Corrosion. <i>Environmental Science & Technology</i> , 2013, 47, 6052-6062.	10.0	36
16	Enzymes involved in the anaerobic oxidation of n-alkanes: from methane to long-chain paraffins. <i>Frontiers in Microbiology</i> , 2013, 4, 89.	3.5	105
17	Metagenomic analysis and metabolite profiling of deep-sea sediments from the Gulf of Mexico following the Deepwater Horizon oil spill. <i>Frontiers in Microbiology</i> , 2013, 4, 50.	3.5	257
18	Microbial enzymes that oxidize hydrocarbons. <i>Frontiers in Microbiology</i> , 2013, 4, 338.	3.5	10

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19	Field and laboratory studies on the bioconversion of coal to methane in the San Juan Basin. FEMS Microbiology Ecology, 2012, 81, 26-42.	2.7	127
20	Biogeochemistry of Microbial Coal-Bed Methane. Annual Review of Earth and Planetary Sciences, 2011, 39, 617-656.	11.0	366
21	Diversity of Benzyl- and Alkylsuccinate Synthase Genes in Hydrocarbon-Impacted Environments and Enrichment Cultures. Environmental Science & Technology, 2010, 44, 7287-7294.	10.0	154
22	Anaerobic Biodegradation of <i>n</i> -Hexadecane by a Nitrate-Reducing Consortium. Applied and Environmental Microbiology, 2009, 75, 1339-1344.	3.1	77
23	Anaerobic alkane-degrading strain AK-01 contains two alkylsuccinate synthase genes. Biochemical and Biophysical Research Communications, 2008, 366, 142-148.	2.1	116
24	Comparison of Mechanisms of Alkane Metabolism under Sulfate-Reducing Conditions among Two Bacterial Isolates and a Bacterial Consortium. Applied and Environmental Microbiology, 2006, 72, 4274-4282.	3.1	114