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List of Publications by Year
in descending order

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21 papers	1,995 citations	567144 15 h-index	713332 21 g-index
29 all docs	29 docs citations	29 times ranked	2539 citing authors

#	Article	IF	Citations
1	Genomic and metagenomic surveys of hydrogenase distribution indicate H2 is a widely utilised energy source for microbial growth and survival. ISME Journal, 2016, 10, 761-777.	4.4	503
2	Atmospheric trace gases support primary production in Antarctic desert surface soil. Nature, 2017, 552, 400-403.	13.7	290
3	Third Generation Biofuels via Direct Cellulose Fermentation. International Journal of Molecular Sciences, 2008, 9, 1342-1360.	1.8	252
4	Microbial biogeography of 925 geothermal springs in New Zealand. Nature Communications, 2018, 9, 2876.	5.8	163
5	Two Chloroflexi classes independently evolved the ability to persist on atmospheric hydrogen and carbon monoxide. ISME Journal, 2019, 13, 1801-1813.	4.4	129
6	Persistence of the dominant soil phylum Acidobacteria by trace gas scavenging. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10497-10502.	3.3	117
7	Mixotrophy drives niche expansion of verrucomicrobial methanotrophs. ISME Journal, 2017, 11, 2599-2610.	4.4	107
8	Challenges for biohydrogen production via direct lignocellulose fermentation. International Journal of Hydrogen Energy, 2009, 34, 7390-7403.	3.8	85
9	The methanogenic redox cofactor F420 is widely synthesized by aerobic soil bacteria. ISME Journal, 2017, 11, 125-137.	4.4	66
10	Linking genome content to biofuel production yields: a meta-analysis of major catabolic pathways among select H2and ethanol-producing bacteria. BMC Microbiology, 2012, 12, 295.	1.3	58
11	Formate synthesis byClostridium thermocellumduring anaerobic fermentation. Canadian Journal of Microbiology, 2006, 52, 681-688.	0.8	47
12	Mixed culture polyhydroxyalkanoate (PHA) synthesis from nutrient rich wet oxidation liquors. Water Research, 2018, 140, 1-11.	5.3	47
13	Pyruvate catabolism and hydrogen synthesis pathway genes of Clostridium thermocellum ATCC 27405. Indian Journal of Microbiology, 2008, 48, 252-266.	1.5	40
14	Thermophilic methanotrophs: in hot pursuit. FEMS Microbiology Ecology, 2019, 95, .	1.3	18
15	Role of transcription and enzyme activities in redistribution of carbon and electron flux in response to N2 and H2 sparging of open-batch cultures of Clostridium thermocellum ATCC 27405. Applied Microbiology and Biotechnology, 2014, 98, 2829-2840.	1.7	16
16	Cofactor Tail Length Modulates Catalysis of Bacterial F420-Dependent Oxidoreductases. Frontiers in Microbiology, 2017, 8, 1902.	1.5	15
17	Hydrogen Oxidation Influences Glycogen Accumulation in a Verrucomicrobial Methanotroph. Frontiers in Microbiology, 2019, 10, 1873.	1.5	15
18	Growth on Formic Acid Is Dependent on Intracellular pH Homeostasis for the Thermoacidophilic Methanotroph Methylacidiphilum sp. RTK17.1. Frontiers in Microbiology, 2021, 12, 651744.	1.5	12

#	Article	IF	Citations
19	RNA stable isotope probing and highâ€throughput sequencing to identify active microbial community members in a methaneâ€driven denitrifying biofilm. Journal of Applied Microbiology, 2022, 132, 1526-1542.	1.4	4
20	Interaction between ferruginous clay sediment and an iron-reducing hyperthermophilic Pyrobaculum sp. in a terrestrial hot spring. FEMS Microbiology Ecology, 2018, 94, .	1.3	2
21	Draft Genome Sequence of Limisphaera ngatamarikiensis NGM72.4 ^T , a Moderately Alkaliphilic Thermophile Belonging to the Class Verrucomicrobiae. Microbiology Resource Announcements, 2020, 9, .	0.3	2