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List of Publications by Year
in descending order

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23 papers	1,635 citations	393982 19 h-index	642321 23 g-index
24 all docs	24 docs citations	24 times ranked	1768 citing authors

#	Article	IF	Citations
1	Required Gene Set for Autotrophic Growth of Clostridium autoethanogenum. Applied and Environmental Microbiology, 2022, 88, e0247921.	1.4	9
2	Quantitative Bioreactor Monitoring of Intracellular Bacterial Metabolites in Clostridium autoethanogenum Using Liquid Chromatographyâ€“Isotope Dilution Mass Spectrometry. ACS Omega, 2021, 6, 13518-13526.	1.6	4
3	The carbonic anhydrase of Clostridium autoethanogenum represents a new subclass of Î²-carbonic anhydrases. Applied Microbiology and Biotechnology, 2019, 103, 7275-7286.	1.7	11
4	A novel conjugal donor strain for improved DNA transfer into Clostridium spp.. Anaerobe, 2019, 59, 184-191.	1.0	32
5	Engineering of vitamin prototrophy in Clostridium ljungdahlii and Clostridium autoethanogenum. Applied Microbiology and Biotechnology, 2019, 103, 4633-4648.	1.7	25
6	Genomeâ€scale model of C. autoethanogenum reveals optimal bioprocess conditions for highâ€value chemical production from carbon monoxide. Engineering Biology, 2019, 3, 32-40.	0.8	19
7	Quantitative Isotope-Dilution High-Resolution-Mass-Spectrometry Analysis of Multiple Intracellular Metabolites in Clostridium autoethanogenum with Uniformly 13C-Labeled Standards Derived from Spirulina. Analytical Chemistry, 2018, 90, 4470-4477.	3.2	25
8	Metabolic engineering of Clostridium autoethanogenum for selective alcohol production. Metabolic Engineering, 2017, 40, 104-114.	3.6	178
9	A roadmap for gene system development in Clostridium. Anaerobe, 2016, 41, 104-112.	1.0	90
10	Insights into CO ₂ Fixation Pathway of Clostridium autoethanogenum by Targeted Mutagenesis. MBio, 2016, 7, .	1.8	83
11	Carboxydotrophic growth of Geobacter sulfurreducens. Applied Microbiology and Biotechnology, 2016, 100, 997-1007.	1.7	28
12	Whole genome sequence and manual annotation of Clostridium autoethanogenum, an industrially relevant bacterium. BMC Genomics, 2015, 16, 1085.	1.2	56
13	Complete genome sequence of Syntrophobacter fumaroxidans strain (MPOBT). Standards in Genomic Sciences, 2012, 7, 91-106.	1.5	55
14	Structural, mass and elemental analyses of storage granules in methanogenic archaeal cells. Environmental Microbiology, 2011, 13, 2587-2599.	1.8	34
15	Deep Conversion of Carbon Monoxide to Hydrogen and Formation of Acetate by the Anaerobic ThermophileCarboxydothermus hydrogenoformans. International Journal of Microbiology, 2011, 2011, 1-4.	0.9	25
16	Atypical one-carbon metabolism of an acetogenic and hydrogenogenic Moorella thermoacetica strain. Archives of Microbiology, 2009, 191, 123-131.	1.0	37
17	Diversity and ecophysiological features of thermophilic carboxydotrophic anaerobes. FEMS Microbiology Ecology, 2009, 68, 131-141.	1.3	106
18	Sulfidogenesis under extremely haloalkaline conditions by Desulfonatronospira thiodismutans gen. nov., sp. nov., and Desulfonatronospira delicata sp. nov. - a novel lineage of Deltaproteobacteria from hypersaline soda lakes. Microbiology (United Kingdom), 2008, 154, 1444-1453.	0.7	92

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19	Syntrophic Growth on Formate: a New Microbial Niche in Anoxic Environments. Applied and Environmental Microbiology, 2008, 74, 6126-6131.	1.4	94
20	Microbiology of synthesis gas fermentation for biofuel production. Current Opinion in Biotechnology, 2007, 18, 200-206.	3.3	404
21	Archaeoglobus fulgiduscouples CO oxidation to sulfate reduction and acetogenesis with transient formate accumulation. Environmental Microbiology, 2007, 9, 1836-1841.	1.8	64
22	Microbial CO Conversions with Applications in Synthesis Gas Purification and Bio-Desulfurization. Critical Reviews in Biotechnology, 2006, 26, 41-65.	5.1	97
23	Novel Physiological Features of Carboxydothermus hydrogenoformans and Thermoterrabacterium ferrireducens. Applied and Environmental Microbiology, 2004, 70, 7236-7240.	1.4	66