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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10117014/publications.pdf

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31 papers	1,924 citations	236925 25 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	2274 citing authors

#	Article	IF	Citations
1	Effect of water management on microbial diversity and composition in an Italian rice field system. FEMS Microbiology Ecology, 2022, 98, .	2.7	11
2	Methylotetracoccus oryzae Strain C50C1 Is a Novel Type Ib Gammaproteobacterial Methanotroph Adapted to Freshwater Environments. MSphere, 2019, 4, .	2.9	14
3	Linking Nitrogen Load to the Structure and Function of Wetland Soil and Rhizosphere Microbial Communities. MSystems, 2018, 3, .	3.8	56
4	McrA primers for the detection and quantification of the anaerobic archaeal methanotroph â€˜Candidatus Methanoperedens nitroreducensâ€™. Applied Microbiology and Biotechnology, 2017, 101, 1631-1641.	3.6	65
5	Metagenomic potential for and diversity of Nâ€cycle driving microorganisms in the Bothnian Sea sediment. MicrobiologyOpen, 2017, 6, e00475.	3.0	43
6	Enrichment of anaerobic nitrate-dependent methanotrophic â€˜Candidatus Methanoperedens nitroreducensâ€™ archaea from an Italian paddy field soil. Applied Microbiology and Biotechnology, 2017, 101, 7075-7084.	3.6	110
7	Survey of methanotrophic diversity in various ecosystems by degenerate methane monooxygenase gene primers. AMB Express, 2017, 7, 162.	3.0	24
8	Stratification of Diversity and Activity of Methanogenic and Methanotrophic Microorganisms in a Nitrogen-Fertilized Italian Paddy Soil. Frontiers in Microbiology, 2017, 8, 2127.	3.5	62
9	Metagenomic analysis of nitrogen and methane cycling in the Arabian Sea oxygen minimum zone. PeerJ, 2016, 4, e1924.	2.0	77
10	Effects of nitrogen fertilization on diazotrophic activity of microorganisms associated with Sphagnum magellanicum. Plant and Soil, 2016, 406, 83-100.	3.7	44
11	Resilience of (seed bank) aerobic methanotrophs and methanotrophic activity to desiccation and heat stress. Soil Biology and Biochemistry, 2016, 101, 130-138.	8.8	38
12	Nitrateâ€and nitriteâ€dependent anaerobic oxidation of methane. Environmental Microbiology Reports, 2016, 8, 941-955.	2.4	150
13	Compositional and functional stability of aerobic methane consuming communities in drained and rewetted peat meadows. FEMS Microbiology Ecology, 2015, 91, fiv119.	2.7	6
14	Fieldâ€scale tracking of active methaneâ€oxidizing communities in a landfill cover soil reveals spatial and seasonal variability. Environmental Microbiology, 2015, 17, 1721-1737.	3.8	33
15	Gammaproteobacterial Methanotrophs Dominate Cold Methane Seeps in Floodplains of West Siberian Rivers. Applied and Environmental Microbiology, 2014, 80, 5944-5954.	3.1	27
16	Macroecology of methaneâ€oxidizing bacteria: the Î²â€diversity of pmoA genotypes in tropical and subtropical rice paddies. Environmental Microbiology, 2014, 16, 72-83.	3.8	45
17	Aerobic methanotroph diversity in <scp>R</scp>iganqiao peatlands on the <scp>Q</scp>inghaiâ€“<scp>T</scp>ibetan <scp>P</scp>lateau. Environmental Microbiology Reports, 2013, 5, 566-574.	2.4	55
18	Selective stimulation in a natural community of methane oxidizing bacteria: Effects of copper on pmoA transcription and activity. Soil Biology and Biochemistry, 2013, 65, 211-216.	8.8	35

#	Article	IF	Citations
19	Conceptualizing functional traits and ecological characteristics of methaneâ€oxidizing bacteria as life strategies. Environmental Microbiology Reports, 2013, 5, 335-345.	2.4	225
20	One millimetre makes the difference: high-resolution analysis of methane-oxidizing bacteria and their specific activity at the oxicâ€“anoxic interface in a flooded paddy soil. ISME Journal, 2012, 6, 2128-2139.	9.8	127
21	Structure and function of methanotrophic communities in a landfill-cover soil. FEMS Microbiology Ecology, 2012, 81, 52-65.	2.7	46
22	Methane source strength and energy flow shape methanotrophic communities in oxygenâ€“methane counterâ€gradients. Environmental Microbiology Reports, 2012, 4, 203-208.	2.4	41
23	Classification of pmoA amplicon pyrosequences using BLAST and the lowest common ancestor method in MEGAN. Frontiers in Microbiology, 2012, 5, 34.	3.5	121
24	Methanotrophic bacteria associated to rice roots: the cultivar effect assessed by Tâ€RFLP and microarray analysis. Environmental Microbiology Reports, 2011, 3, 518-525.	2.4	21
25	Ageing well: methane oxidation and methane oxidizing bacteria along a chronosequence of 2000 years. Environmental Microbiology Reports, 2011, 3, 738-743.	2.4	49
26	Recovery of methanotrophs from disturbance: population dynamics, evenness and functioning. ISME Journal, 2011, 5, 750-758.	9.8	71
27	Potential of pmoA Amplicon Pyrosequencing for Methanotroph Diversity Studies. Applied and Environmental Microbiology, 2011, 77, 6305-6309.	3.1	131
28	Biogeography of wetland rice methanotrophs. Environmental Microbiology, 2010, 12, 862-872.	3.8	92
29	Succession of methanotrophs in oxygenâ€“methane counter-gradients of flooded rice paddies. ISME Journal, 2010, 4, 1603-1607.	9.8	49
30	Impacts of Inter- and Intralaboratory Variations on the Reproducibility of Microbial Community Analyses. Applied and Environmental Microbiology, 2010, 76, 7451-7458.	3.1	37
31	Spatial heterogeneity of methanotrophs: a geostatistical analysis of pmoAâ€based Tâ€RFLP patterns in a paddy soil. Environmental Microbiology Reports, 2009, 1, 393-397.	2.4	18