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List of Publications by Year
in descending order

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23 papers	1,000 citations	516710 16 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1026 citing authors

#	Article	IF	Citations
1	Characterization of bacterial diversity to a depth of 1500â€ƒm in the Outokumpu deep borehole, Fennoscandian Shield. FEMS Microbiology Ecology, 2011, 77, 295-309.	2.7	129
2	Taxonomically and functionally diverse microbial communities in deep crystalline rocks of the Fennoscandian shield. ISME Journal, 2014, 8, 126-138.	9.8	107
3	Microbial co-occurrence patterns in deep Precambrian bedrock fracture fluids. Biogeosciences, 2016, 13, 3091-3108.	3.3	90
4	Revealing the unexplored fungal communities in deep groundwater of crystalline bedrock fracture zones in Olkiluoto, Finland. Frontiers in Microbiology, 2015, 6, 573.	3.5	77
5	Heterotrophic Communities Supplied by Ancient Organic Carbon Predominate in Deep Fennoscandian Bedrock Fluids. Microbial Ecology, 2015, 69, 319-332.	2.8	68
6	Active Microbial Communities Inhabit Sulphate-Methane Interphase in Deep Bedrock Fracture Fluids in Olkiluoto, Finland. BioMed Research International, 2015, 2015, 1-17.	1.9	67
7	Dissecting the deep biosphere: retrieving authentic microbial communities from packer-isolated deep crystalline bedrock fracture zones. FEMS Microbiology Ecology, 2013, 85, 324-337.	2.7	53
8	Methanogenic and Sulphate-Reducing Microbial Communities in Deep Groundwater of Crystalline Rock Fractures in Olkiluoto, Finland. Geomicrobiology Journal, 2012, 29, 863-878.	2.0	49
9	Characterisation and isotopic evolution of saline waters of the Outokumpu Deep Drill Hole, Finland â€“ Implications for water origin and deep terrestrial biosphere. Applied Geochemistry, 2013, 32, 37-51.	3.0	44
10	Coupled high-throughput functional screening and next generation sequencing for identification of plant polymer decomposing enzymes in metagenomic libraries. Frontiers in Microbiology, 2013, 4, 282.	3.5	44
11	Rapid Reactivation of Deep Subsurface Microbes in the Presence of C-1 Compounds. Microorganisms, 2015, 3, 17-33.	3.6	42
12	Monitoring of accelerated naphthalene-biodegradation in a bioaugmented soil slurry. Biodegradation, 2005, 16, 127-134.	3.0	40
13	Response of Deep Subsurface Microbial Community to Different Carbon Sources and Electron Acceptors during â¼2 months Incubation in Microcosms. Frontiers in Microbiology, 2017, 8, 232.	3.5	39
14	Oil degradation potential of microbial communities in water and sediment of Baltic Sea coastal area. PLoS ONE, 2019, 14, e0218834.	2.5	33
15	A Targeted Real-Time PCR Assay for Studying Naphthalene Degradation in the Environment. Microbial Ecology, 2006, 52, 533-543.	2.8	29
16	Cloning of novel bacterial xylanases from lignocellulose-enriched compost metagenomic libraries. AMB Express, 2019, 9, 124.	3.0	18
17	Application of Denaturing High-Performance Liquid Chromatography for Monitoring Sulfate-Reducing Bacteria in Oil Fields. Applied and Environmental Microbiology, 2013, 79, 5186-5196.	3.1	17
18	Rare Biosphere Archaea Assimilate Acetate in Precambrian Terrestrial Subsurface at 2.2 km Depth. Geosciences (Switzerland), 2018, 8, 418.	2.2	14

#	Article	IF	Citations
19	Evaluation of Molecular Techniques in Characterization of Deep Terrestrial Biosphere. Open Journal of Ecology, 2014, 04, 468-487.	1.0	13
20	Functional genes reveal the intrinsic PAH biodegradation potential in creosote-contaminated groundwater following in situ biostimulation. Applied Microbiology and Biotechnology, 2009, 84, 169-182.	3.6	12
21	Evaluating the biodegradation of aromatic hydrocarbons by monitoring of several functional genes. Biodegradation, 2008, 19, 883-895.	3.0	8
22	Monitoring aromatic hydrocarbon biodegradation by functional marker genes. Environmental Pollution, 2008, 154, 192-202.	7.5	6
23	Deep Life and Gases in the Outokumpu Deep Borehole: Base Line Information for Nuclear Waste Disposal in Crystalline Rock. Materials Research Society Symposia Proceedings, 2010, 1265, 1.	0.1	1