

# Frederick Von Netzer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11498341/publications.pdf>

Version: 2024-02-01

17  
papers

759  
citations

840776

11  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial maintenance energy quantified and modeled with microcalorimetry. <i>Biotechnology and Bioengineering</i> , 2022, 119, 2413-2422.	3.3	4
2	Mechanism Across Scales: A Holistic Modeling Framework Integrating Laboratory and Field Studies for Microbial Ecology. <i>Frontiers in Microbiology</i> , 2021, 12, 642422.	3.5	12
3	Characterization of subsurface media from locations up- and down-gradient of a uranium-contaminated aquifer. <i>Chemosphere</i> , 2020, 255, 126951.	8.2	18
4	Next-Generation Sequencing of Functional Marker Genes for Anaerobic Degradors of Petroleum Hydrocarbons in Contaminated Environments. , 2020, , 257-276.		2
5	Iron and aluminium induced depletion of molybdenum in acidic environments impedes the nitrogen cycle. <i>Environmental Microbiology</i> , 2019, 21, 152-163.	3.8	22
6	Next-Generation Sequencing of Functional Marker Genes for Anaerobic Degradors of Petroleum Hydrocarbons in Contaminated Environments. , 2018, , 1-20.		2
7	Sequence capture by hybridization reveals elusive hydrocarbon degradation potential. <i>Microbial Biotechnology</i> , 2017, 10, 242-243.	4.2	1
8	Mechanism for microbial population collapse in a fluctuating resource environment. <i>Molecular Systems Biology</i> , 2017, 13, 919.	7.2	22
9	Key Metabolites and Mechanistic Changes for Salt Tolerance in an Experimentally Evolved Sulfate-Reducing Bacterium, <i>Desulfovibrio vulgaris</i> . <i>MBio</i> , 2017, 8, .	4.1	13
10	Functional Gene Markers for Fumarate-Adding and Dearomatizing Key Enzymes in Anaerobic Aromatic Hydrocarbon Degradation in Terrestrial Environments. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2016, 26, 180-194.	1.0	52
11	Response of Transport Parameters and Sediment Microbiota to Water Table Fluctuations in Laboratory Columns. <i>Vadose Zone Journal</i> , 2015, 14, 1-12.	2.2	20
12	Primers: Functional Genes for Anaerobic Hydrocarbon Degrading Microbes. <i>Springer Protocols</i> , 2014, , 39-55.	0.3	3
13	Water droplets in oil are microhabitats for microbial life. <i>Science</i> , 2014, 345, 673-676.	12.6	118
14	Diverse sulfate-reducing bacteria of the <i>Desulfosarcina/Desulfococcus</i> clade are the key alkane degraders at marine seeps. <i>ISME Journal</i> , 2014, 8, 2029-2044.	9.8	182
15	Enhanced Gene Detection Assays for Fumarate-Adding Enzymes Allow Uncovering of Anaerobic Hydrocarbon Degradors in Terrestrial and Marine Systems. <i>Applied and Environmental Microbiology</i> , 2013, 79, 543-552.	3.1	94
16	Electron acceptor-dependent identification of key anaerobic toluene degraders at a tar-oil-contaminated aquifer by Pyro-SIP. <i>FEMS Microbiology Ecology</i> , 2011, 78, 165-175.	2.7	93
17	DNA-SIP identifies sulfate-reducing <i>Clostridia</i> as important toluene degraders in tar-oil-contaminated aquifer sediment. <i>ISME Journal</i> , 2010, 4, 1314-1325.	9.8	101