

Lucas Fillinger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/163411/publications.pdf>

Version: 2024-02-01

14
papers

263
citations

1162889

8
h-index

1058333

14
g-index

16
all docs

16
docs citations

16
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	Coastal Microbial Mat Diversity along a Natural Salinity Gradient. PLoS ONE, 2013, 8, e63166.	1.1	71
2	Aquifer recharge viewed through the lens of microbial community ecology: Initial disturbance response, and impacts of species sorting versus mass effects on microbial community assembly in groundwater during riverbank filtration. Water Research, 2021, 189, 116631.	5.3	36
3	Non-random processes determine the colonization of groundwater sediments by microbial communities in a pristine porous aquifer. Environmental Microbiology, 2019, 21, 327-342.	1.8	32
4	Selection imposed by local environmental conditions drives differences in microbial community composition across geographically distinct groundwater aquifers. FEMS Microbiology Ecology, 2019, 95, .	1.3	27
5	The D-A-(C) index: A practical approach towards the microbiological-ecological monitoring of groundwater ecosystems. Water Research, 2019, 163, 114902.	5.3	24
6	Response and recovery of a pristine groundwater ecosystem impacted by toluene contamination – A meso-scale indoor aquifer experiment. Journal of Contaminant Hydrology, 2017, 207, 17-30.	1.6	22
7	Dynamics of Hydrology and Anaerobic Hydrocarbon Degradation Communities in A Tar-Oil Contaminated Aquifer. Microorganisms, 2019, 7, 46.	1.6	19
8	High biodiversity in a benzene-degrading nitrate-reducing culture is sustained by a few primary consumers. Communications Biology, 2021, 4, 530.	2.0	11
9	Key drivers of microbial abundance, activity, and diversity in karst spring waters across an altitudinal gradient in Slovenia. Aquatic Microbial Ecology, 2021, 86, 99-114.	0.9	5
10	Application of the D-A-(C) index as a simple tool for microbial-ecological characterization and assessment of groundwater ecosystems – a case study of the Mur River Valley, Austria. Osterreichische Wasser- Und Abfallwirtschaft, 2021, 73, 455-467.	0.3	4
11	Analysis of the Hierarchical and Metabolic Regulation of Flux Through Metabolic Pathways. Springer Protocols, 2014, , 245-258.	0.1	2
12	Knowledge Gaps, Obstacles, and Research Frontiers in Groundwater Microbial Ecology. , 2022, , 611-624.		2
13	Analysis of the Regulation of the Rate of Hydrocarbon and Nutrient Flow Through Microbial Communities. Springer Protocols, 2014, , 233-246.	0.1	1
14	Spatial and Annual Variation in Microbial Abundance, Community Composition, and Diversity Associated With Alpine Surface Snow. Frontiers in Microbiology, 2021, 12, 781904.	1.5	1