

Lukas Beule

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7711333/publications.pdf>

Version: 2024-02-01

25
papers

534
citations

687220

13
h-index

713332

21
g-index

28
all docs

28
docs citations

28
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved normalization of species count data in ecology by scaling with ranked subsampling (SRS): application to microbial communities. PeerJ, 2020, 8, e9593.	0.9	113
2	Conversion of monoculture cropland and open grassland to agroforestry alters the abundance of soil bacteria, fungi and soil-N-cycling genes. PLoS ONE, 2019, 14, e0218779.	1.1	41
3	Poplar Rows in Temperate Agroforestry Croplands Promote Bacteria, Fungi, and Denitrification Genes in Soils. Frontiers in Microbiology, 2019, 10, 3108.	1.5	41
4	Single versus repeated applications of CuO and Ag nanomaterials and their effect on soil microflora. Environmental Pollution, 2016, 215, 322-330.	3.7	34
5	Improved Protocol for DNA Extraction from Subsoils Using Phosphate Lysis Buffer. Microorganisms, 2020, 8, 532.	1.6	32
6	Tree rows in temperate agroforestry croplands alter the composition of soil bacterial communities. PLoS ONE, 2021, 16, e0246919.	1.1	28
7	â€ˆSRSâ€™™ R Package and â€ˆq2-srsâ€™™ QIIME 2 Plugin: Normalization of Microbiome Data Using Scaling with Ranked Subsampling (SRS). Applied Sciences (Switzerland), 2021, 11, 11473.	1.3	27
8	Crop Diseases and Mycotoxin Accumulation in Temperate Agroforestry Systems. Sustainability, 2019, 11, 2925.	1.6	26
9	Abundance, Diversity, and Function of Soil Microorganisms in Temperate Alley-Cropping Agroforestry Systems: A Review. Microorganisms, 2022, 10, 616.	1.6	21
10	High-Resolution Melting (HRM) Curve Assay for the Identification of Eight Fusarium Species Causing Ear Rot in Maize. Pathogens, 2020, 9, 270.	1.2	20
11	Relative Abundances of Species or Sequence Variants Can Be Misleading: Soil Fungal Communities as an Example. Microorganisms, 2021, 9, 589.	1.6	18
12	Black Soldier Fly Diet Impacts Soil Greenhouse Gas Emissions From Frass Applied as Fertilizer. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	17
13	Changes of Scots Pine Phyllosphere and Soil Fungal Communities during Outbreaks of Defoliating Insects. Forests, 2017, 8, 316.	0.9	15
14	The travelling particles: community dynamics of biofilms on microplastics transferred along a salinity gradient. ISME Communications, 2022, 2, .	1.7	15
15	Soil N ₂ O flux and nitrification and denitrification gene responses to feed-induced differences in the composition of dairy cow faeces. Biology and Fertility of Soils, 2021, 57, 767-779.	2.3	12
16	The potential of ryegrass as cover crop to reduce soil N_2O emissions and increase the population size of denitrifying bacteria. European Journal of Soil Science, 2021, 72, 1447-1461.	1.8	12
17	Soil bacterial and fungal communities of six bahiagrass cultivars. PeerJ, 2019, 7, e7014.	0.9	10
18	Early response of soil fungal communities to the conversion of monoculture cropland to a temperate agroforestry system. PeerJ, 2021, 9, e12236.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Soil bacterial community response to rhizoma peanut incorporation into Florida pastures. <i>Journal of Environmental Quality</i> , 2022, 51, 55-65.	1.0	8
20	Are short-read amplicons suitable for the prediction of microbiome functional potential? A critical perspective. , 2022, 1, .		8
21	Digging deeper: microbial communities in subsoil are strongly promoted by trees in temperate agroforestry systems. <i>Plant and Soil</i> , 2022, 480, 423-437.	1.8	8
22	The Abundance of Fungi, Bacteria and Denitrification Genes during Insect Outbreaks in Scots Pine Forests. <i>Forests</i> , 2018, 9, 497.	0.9	6
23	Reduced Soil Gross N ₂ O Emission Driven by Substrates Rather Than Denitrification Gene Abundance in Cropland Agroforestry and Monoculture. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2022, 127, .	1.3	6
24	<i>Fusarium Âculmorum</i> Produces NX-2 Toxin Simultaneously with Deoxynivalenol and 3-Acetyl-Deoxynivalenol or Nivalenol. <i>Toxins</i> , 2022, 14, 456.	1.5	5
25	High-resolution melting (HRM) curve analysis as a potential tool for the identification of earthworm species and haplotypes. <i>PeerJ</i> , 0, 10, e13661.	0.9	1