

# Guillaume Lentendu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9012955/publications.pdf>

Version: 2024-02-01

26  
papers

2,121  
citations

430874

18  
h-index

610901

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineral vs. Organic Amendments: Microbial Community Structure, Activity and Abundance of Agriculturally Relevant Microbes Are Driven by Long-Term Fertilization Strategies. <i>Frontiers in Microbiology</i> , 2016, 7, 1446.	3.5	462
2	Life in leaf litter: novel insights into community dynamics of bacteria and fungi during litter decomposition. <i>Molecular Ecology</i> , 2016, 25, 4059-4074.	3.9	297
3	Parasites dominate hyperdiverse soil protist communities in Neotropical rainforests. <i>Nature Ecology and Evolution</i> , 2017, 1, 91.	7.8	262
4	Urban areas as hotspots for bees and pollination but not a panacea for all insects. <i>Nature Communications</i> , 2020, 11, 576.	12.8	177
5	Effects of long-term differential fertilization on eukaryotic microbial communities in an arable soil: a multiple barcoding approach. <i>Molecular Ecology</i> , 2014, 23, 3341-3355.	3.9	163
6	Protist taxonomic and functional diversity in soil, freshwater and marine ecosystems. <i>Environment International</i> , 2021, 146, 106262.	10.0	110
7	A comprehensive fungi-specific 18S rRNA gene sequence primer toolkit suited for diverse research issues and sequencing platforms. <i>BMC Microbiology</i> , 2018, 18, 190.	3.3	84
8	Assessment of soil fungal diversity in different alpine tundra habitats by means of pyrosequencing. <i>Fungal Diversity</i> , 2011, 49, 113-123.	12.3	63
9	Land-Use Intensity Rather Than Plant Functional Identity Shapes Bacterial and Fungal Rhizosphere Communities. <i>Frontiers in Microbiology</i> , 2018, 9, 2711.	3.5	62
10	Supervised machine learning is superior to indicator value inference in monitoring the environmental impacts of salmon aquaculture using eDNA metabarcodes. <i>Molecular Ecology</i> , 2021, 30, 2988-3006.	3.9	47
11	Improving eDNA-based protist diversity assessments using networks of amplicon sequence variants. <i>Environmental Microbiology</i> , 2019, 21, 4109-4124.	3.8	46
12	Determinants of Deadwood-Inhabiting Fungal Communities in Temperate Forests: Molecular Evidence From a Large Scale Deadwood Decomposition Experiment. <i>Frontiers in Microbiology</i> , 2018, 9, 2120.	3.5	43
13	Consistent patterns of high alpha and low beta diversity in tropical parasitic and free-living protists. <i>Molecular Ecology</i> , 2018, 27, 2846-2857.	3.9	43
14	DNA Metabarcoding for the Characterization of Terrestrial Microbiota—Pitfalls and Solutions. <i>Microorganisms</i> , 2021, 9, 361.	3.6	42
15	Characterization of Unexplored Deadwood Mycobiome in Highly Diverse Subtropical Forests Using Culture-independent Molecular Technique. <i>Frontiers in Microbiology</i> , 2017, 8, 574.	3.5	35
16	Acidotolerant Bacteria and Fungi as a Sink of Methanol-Derived Carbon in a Deciduous Forest Soil. <i>Frontiers in Microbiology</i> , 2017, 8, 1361.	3.5	28
17	Experimental Evidence of Functional Group-Dependent Effects of Tree Diversity on Soil Fungi in Subtropical Forests. <i>Frontiers in Microbiology</i> , 2018, 9, 2312.	3.5	28
18	Increasing N deposition impacts neither diversity nor functions of deadwood-inhabiting fungal communities, but adaptation and functional redundancy ensure ecosystem function. <i>Environmental Microbiology</i> , 2018, 20, 1693-1710.	3.8	26

#	ARTICLE	IF	CITATIONS
19	Toward a global platform for linking soil biodiversity data. <i>Frontiers in Ecology and Evolution</i> , 0, 3, .	2.2	24
20	Ciliates (Alveolata, Ciliophora) as bioindicators of environmental pressure: A karstic river case. <i>Ecological Indicators</i> , 2021, 124, 107430.	6.3	20
21	Influence of Commonly Used Primer Systems on Automated Ribosomal Intergenic Spacer Analysis of Bacterial Communities in Environmental Samples. <i>PLoS ONE</i> , 2015, 10, e0118967.	2.5	18
22	Recovery of soil unicellular eukaryotes: An efficiency and activity analysis on the single cell level. <i>Journal of Microbiological Methods</i> , 2013, 95, 463-469.	1.6	16
23	Protist Biodiversity and Biogeography in Lakes From Four Brazilian Riverâ€™Floodplain Systems. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 592-599.	1.7	10
24	Phylogenetic relatedness drives protist assembly in marine and terrestrial environments. <i>Global Ecology and Biogeography</i> , 2021, 30, 1532-1544.	5.8	9
25	Ciliates as bioindicators of environmental pressure in a karstic river. ARPHA Conference Abstracts, 0, 4, .	0.0	0
26	MOLECULAR INSIGHT REVEALS BROAD-SCALE SPATIAL PATTERNS IN FLOODPLAIN CILIATE COMMUNITIES, WHILE MORPHOLOGY REFLECTS LOCAL ENVIRONMENTAL CONTROLS. <i>Freshwater Science</i> , 0, , .	1.8	0