

Sarah M Owens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7155448/publications.pdf>

Version: 2024-02-01

25
papers

13,732
citations

393982

19
h-index

580395

25
g-index

30
all docs

30
docs citations

30
times ranked

21076
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high-throughput microbial community analysis on the Illumina HiSeq and MiSeq platforms. <i>ISME Journal</i> , 2012, 6, 1621-1624.	4.4	7,430
2	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	13.7	1,942
3	Cross-biome metagenomic analyses of soil microbial communities and their functional attributes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21390-21395.	3.3	1,260
4	Longitudinal analysis of microbial interaction between humans and the indoor environment. <i>Science</i> , 2014, 345, 1048-1052.	6.0	751
5	The Soil Microbiome Influences Grapevine-Associated Microbiota. <i>MBio</i> , 2015, 6, .	1.8	747
6	Reconstructing the Microbial Diversity and Function of Pre-Agricultural Tallgrass Prairie Soils in the United States. <i>Science</i> , 2013, 342, 621-624.	6.0	480
7	Spatial scale drives patterns in soil bacterial diversity. <i>Environmental Microbiology</i> , 2016, 18, 2039-2051.	1.8	194
8	Distinct microbial communities associated with buried soils in the Siberian tundra. <i>ISME Journal</i> , 2014, 8, 841-853.	4.4	137
9	Investigating the Impact of Storage Conditions on Microbial Community Composition in Soil Samples. <i>PLoS ONE</i> , 2013, 8, e70460.	1.1	108
10	Saliva from Obese Individuals Suppresses the Release of Aroma Compounds from Wine. <i>PLoS ONE</i> , 2014, 9, e85611.	1.1	98
11	DNA extraction protocols cause differences in 16S rRNA amplicon sequencing efficiency but not in community profile composition or structure. <i>MicrobiologyOpen</i> , 2014, 3, 910-921.	1.2	89
12	Divergent responses of viral and bacterial communities in the gut microbiome to dietary disturbances in mice. <i>ISME Journal</i> , 2016, 10, 1217-1227.	4.4	85
13	Bacterial Community Composition and Dynamics Spanning Five Years in Freshwater Bog Lakes. <i>MSphere</i> , 2017, 2, .	1.3	84
14	Understanding Cultivar-Specificity and Soil Determinants of the Cannabis Microbiome. <i>PLoS ONE</i> , 2014, 9, e99641.	1.1	73
15	Microbiome characterization by high-throughput transfer RNA sequencing and modification analysis. <i>Nature Communications</i> , 2018, 9, 5353.	5.8	48
16	Athletic equipment microbiota are shaped by interactions with human skin. <i>Microbiome</i> , 2015, 3, 25.	4.9	36
17	Size, Composition, and Source Profiles of Inhalable Bioaerosols from Colorado Dairies. <i>Environmental Science & Technology</i> , 2017, 51, 6430-6440.	4.6	28
18	Restricted streptomycin use in apple orchards did not adversely alter the soil bacteria communities. <i>Frontiers in Microbiology</i> , 2013, 4, 383.	1.5	25

#	ARTICLE	IF	CITATIONS
19	Identifying the plant-associated microbiome across aquatic and terrestrial environments: the effects of amplification method on taxa discovery. <i>Molecular Ecology Resources</i> , 2017, 17, 931-942.	2.2	25
20	Parallelized, Aerobic, Single Carbon-Source Enrichments from Different Natural Environments Contain Divergent Microbial Communities. <i>Frontiers in Microbiology</i> , 2017, 8, 2321.	1.5	21
21	Enteric infection coupled with chronic Notch pathway inhibition alters colonic mucus composition leading to dysbiosis, barrier disruption and colitis. <i>PLoS ONE</i> , 2018, 13, e0206701.	1.1	20
22	Dinitrogen fixation associated with shoots of aquatic carnivorous plants: is it ecologically important?. <i>Annals of Botany</i> , 2014, 114, 125-133.	1.4	16
23	Metagenome Sequencing of Prokaryotic Microbiota Collected from Byron Glacier, Alaska. <i>Genome Announcements</i> , 2013, 1, e0009913.	0.8	15
24	Reducing host DNA contamination in 16S rRNA gene surveys of anthozoan microbiomes using PNA clamps. <i>Coral Reefs</i> , 2020, 39, 1817-1827.	0.9	14
25	Evaluation of DNA extraction protocols from liquid-based cytology specimens for studying cervical microbiota. <i>PLoS ONE</i> , 2021, 16, e0237556.	1.1	4