

Sarah M Owens

List of Publications by Citations

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

9,207
citations

19
h-index

30
g-index

30
ext. papers

12,290
ext. citations

11.1
avg, IF

5.34
L-index

#	Paper	IF	Citations
28	Ultra-high-throughput microbial community analysis on the Illumina HiSeq and MiSeq platforms. <i>ISME Journal</i> , 2012 , 6, 1621-4	11.9	5059
27	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017 , 551, 457-463	50.4	1076
26	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, 21390-5	11.5	956
25	Longitudinal analysis of microbial interaction between humans and the indoor environment. <i>Science</i> , 2014 , 345, 1048-52	33.3	543
24	The soil microbiome influences grapevine-associated microbiota. <i>MBio</i> , 2015 , 6,	7.8	465
23	Reconstructing the microbial diversity and function of pre-agricultural tallgrass prairie soils in the United States. <i>Science</i> , 2013 , 342, 621-4	33.3	324
22	Spatial scale drives patterns in soil bacterial diversity. <i>Environmental Microbiology</i> , 2016 , 18, 2039-51	5.2	131
21	Distinct microbial communities associated with buried soils in the Siberian tundra. <i>ISME Journal</i> , 2014 , 8, 841-53	11.9	111
20	Investigating the impact of storage conditions on microbial community composition in soil samples. <i>PLoS ONE</i> , 2013 , 8, e70460	3.7	86
19	Saliva from obese individuals suppresses the release of aroma compounds from wine. <i>PLoS ONE</i> , 2014 , 9, e85611	3.7	70
18	DNA extraction protocols cause differences in 16S rRNA amplicon sequencing efficiency but not in community profile composition or structure. <i>MicrobiologyOpen</i> , 2014 , 3, 910-21	3.4	64
17	Divergent responses of viral and bacterial communities in the gut microbiome to dietary disturbances in mice. <i>ISME Journal</i> , 2016 , 10, 1217-27	11.9	58
16	Understanding cultivar-specificity and soil determinants of the cannabis microbiome. <i>PLoS ONE</i> , 2014 , 9, e99641	3.7	45
15	Bacterial Community Composition and Dynamics Spanning Five Years in Freshwater Bog Lakes. <i>MSphere</i> , 2017 , 2,	5	36
14	Athletic equipment microbiota are shaped by interactions with human skin. <i>Microbiome</i> , 2015 , 3, 25	16.6	31
13	Microbiome characterization by high-throughput transfer RNA sequencing and modification analysis. <i>Nature Communications</i> , 2018 , 9, 5353	17.4	31
12	Size, Composition, and Source Profiles of Inhalable Bioaerosols from Colorado Dairies. <i>Environmental Science & Technology</i> , 2017 , 51, 6430-6440	10.3	23

11	Restricted streptomycin use in apple orchards did not adversely alter the soil bacteria communities. <i>Frontiers in Microbiology</i> , 2013 , 4, 383	5.7	22
10	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	8.4	19
9	Parallelized, Aerobic, Single Carbon-Source Enrichments from Different Natural Environments Contain Divergent Microbial Communities. <i>Frontiers in Microbiology</i> , 2017 , 8, 2321	5.7	14
8	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	3.7	13
7	Dinitrogen fixation associated with shoots of aquatic carnivorous plants: is it ecologically important?. <i>Annals of Botany</i> , 2014 , 114, 125-33	4.1	12
6	Metagenome sequencing of prokaryotic microbiota collected from Byron Glacier, Alaska. <i>Genome Announcements</i> , 2013 , 1, e0009913		12
5	Reducing host DNA contamination in 16S rRNA gene surveys of anthozoan microbiomes using PNA clamps. <i>Coral Reefs</i> , 2020 , 39, 1817-1827	4.2	3
4	Bacterial community composition and dynamics spanning five years in freshwater bog lakes		1
3	Evaluation of DNA extraction protocols from liquid-based cytology specimens for studying cervical microbiota		1
2	Evaluation of DNA extraction protocols from liquid-based cytology specimens for studying cervical microbiota. <i>PLoS ONE</i> , 2021 , 16, e0237556	3.7	1
1	Metagenomic Design and Sequencing 2016 , 291-312		