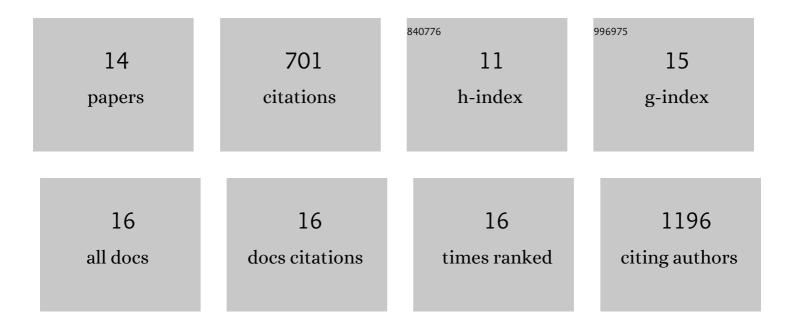
Jayde A Aufrecht

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Soil Aggregate Microbial Communities: Towards Understanding Microbiome Interactions at Biologically Relevant Scales. Applied and Environmental Microbiology, 2019, 85, .	3.1	233
2	Two Poplar-Associated Bacterial Isolates Induce Additive Favorable Responses in a Constructed Plant-Microbiome System. Frontiers in Plant Science, 2016, 7, 497.	3.6	113
3	Geometry-Dependent Plasmonic Tunability and Photothermal Characteristics of Multibranched Gold Nanoantennas. Journal of Physical Chemistry C, 2014, 118, 3696-3707.	3.1	75
4	Pore-scale hydrodynamics influence the spatial evolution of bacterial biofilms in a microfluidic porous network. PLoS ONE, 2019, 14, e0218316.	2.5	55
5	Ultrasensitive analyte detection with plasmonic paper dipsticks and swabs integrated with branched nanoantennas. Journal of Materials Chemistry C, 2014, 2, 10446-10454.	5.5	54
6	Microfluidics and Metabolomics Reveal Symbiotic Bacterial–Fungal Interactions Between Mortierella elongata and Burkholderia Include Metabolite Exchange. Frontiers in Microbiology, 2019, 10, 2163.	3.5	37
7	Morphological modulation of bimetallic nanostructures for accelerated catalysis. Journal of Materials Chemistry A, 2014, 2, 7088-7098.	10.3	31
8	Quantifying the Spatiotemporal Dynamics of Plant Root Colonization by Beneficial Bacteria in a Microfluidic Habitat. Advanced Biology, 2018, 2, 1800048.	3.0	31
9	Increasing access to microfluidics for studying fungi and other branched biological structures. Fungal Biology and Biotechnology, 2019, 6, 1.	5.1	17
10	Hotspots of root-exuded amino acids are created within a rhizosphere-on-a-chip. Lab on A Chip, 2022, 22, 954-963.	6.0	16
11	Accessing microfluidics through feature-based design software for 3D printing. PLoS ONE, 2018, 13, e0192752.	2.5	15
12	Label-free time- and space-resolved exometabolite sampling of growing plant roots through nanoporous interfaces. Scientific Reports, 2019, 9, 10272.	3.3	12
13	Imaging the Root Hair Morphology of Arabidopsis Seedlings in a Two-layer Microfluidic Platform. Journal of Visualized Experiments, 2017, , .	0.3	8
14	Synthetic Soil Aggregates: Bioprinted Habitats for High-Throughput Microbial Metaphenomics. Microorganisms, 2022, 10, 944.	3.6	1