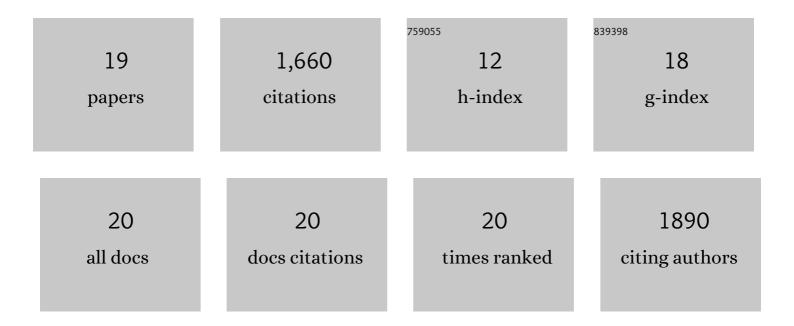
Christopher Evan Lawson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4058490/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Metabolic network analysis reveals microbial community interactions in anammox granules. Nature Communications, 2017, 8, 15416.	5.8	489
2	Common principles and best practices for engineering microbiomes. Nature Reviews Microbiology, 2019, 17, 725-741.	13.6	324
3	The reductive glycine pathway allows autotrophic growth of Desulfovibrio desulfuricans. Nature Communications, 2020, 11, 5090.	5.8	152
4	Machine learning for metabolic engineering: A review. Metabolic Engineering, 2021, 63, 34-60.	3.6	135
5	Complete ammonia oxidation: an important control on nitrification in engineered ecosystems?. Current Opinion in Biotechnology, 2018, 50, 158-165.	3.3	115
6	Whole-Community Metagenomics in Two Different Anammox Configurations: Process Performance and Community Structure. Environmental Science & amp; Technology, 2017, 51, 4317-4327.	4.6	98
7	Metatranscriptomic and Thermodynamic Insights into Medium-Chain Fatty Acid Production Using an Anaerobic Microbiome. MSystems, 2018, 3, .	1.7	69
8	Rare taxa have potential to make metabolic contributions in enhanced biological phosphorus removal ecosystems. Environmental Microbiology, 2015, 17, 4979-4993.	1.8	68
9	Autotrophic and mixotrophic metabolism of an anammox bacterium revealed by in vivo 13C and 2H metabolic network mapping. ISME Journal, 2021, 15, 673-687.	4.4	64
10	Ancestral genome reconstruction identifies the evolutionary basis for trait acquisition in polyphosphate accumulating bacteria. ISME Journal, 2016, 10, 2931-2945.	4.4	43
11	Cultivation and Transcriptional Analysis of a Canonical Nitrospira Under Stable Growth Conditions. Frontiers in Microbiology, 2019, 10, 1325.	1.5	34
12	Patterns of Endemism and Habitat Selection in Coalbed Microbial Communities. Applied and Environmental Microbiology, 2015, 81, 7924-7937.	1.4	31
13	A general approach to explore prokaryotic protein glycosylation reveals the unique surface layer modulation of an anammox bacterium. ISME Journal, 2022, 16, 346-357.	4.4	8
14	Retooling Microbiome Engineering for a Sustainable Future. MSystems, 2021, 6, e0092521.	1.7	8
15	Investigating the Chemolithoautotrophic and Formate Metabolism of Nitrospira moscoviensis by Constraint-Based Metabolic Modeling and ¹³ C-Tracer Analysis. MSystems, 2021, 6, e0017321.	1.7	8
16	Plant-wide systems microbiology for the wastewater industry. Environmental Science: Water Research and Technology, 2021, 7, 1687-1706.	1.2	7
17	Microbiomes for sustainable biomanufacturing. Current Opinion in Microbiology, 2022, 65, 8-14.	2.3	5
18	Ecogenomics Reveals Distributed Metabolic Networks In Suspended And Attached Growth Anammox Bioreactors. Proceedings of the Water Environment Federation, 2015, 2015, 3194-3198.	0.0	1

#	Article	IF	CITATIONS
19	Structure of the Active Microbial Community in a Pilot-Scale Enhanced Biological Phosphorus Removal Process Revealed Through 454 Pyrotag Sequencing. Proceedings of the Water Environment Federation, 2013, 2013, 6519-6524.	0.0	0