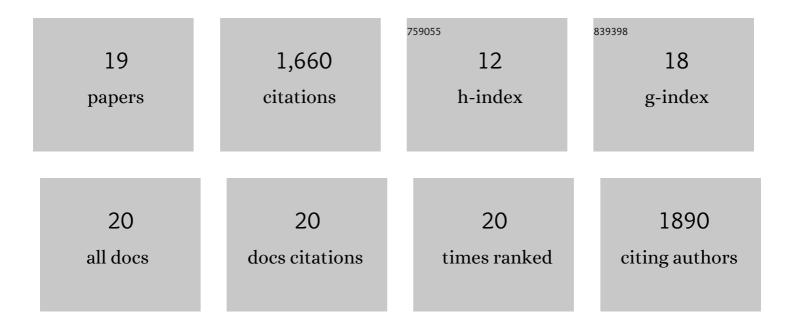
Christopher Evan Lawson

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	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
2	Microbiomes for sustainable biomanufacturing. Current Opinion in Microbiology, 2022, 65, 8-14.	2.3	5
3	Machine learning for metabolic engineering: A review. Metabolic Engineering, 2021, 63, 34-60.	3.6	135
4	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
5	Plant-wide systems microbiology for the wastewater industry. Environmental Science: Water Research and Technology, 2021, 7, 1687-1706.	1.2	7
6	Retooling Microbiome Engineering for a Sustainable Future. MSystems, 2021, 6, e0092521.	1.7	8
7	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
8	The reductive glycine pathway allows autotrophic growth of Desulfovibrio desulfuricans. Nature Communications, 2020, 11, 5090.	5.8	152
9	Common principles and best practices for engineering microbiomes. Nature Reviews Microbiology, 2019, 17, 725-741.	13.6	324
10	Cultivation and Transcriptional Analysis of a Canonical Nitrospira Under Stable Growth Conditions. Frontiers in Microbiology, 2019, 10, 1325.	1.5	34
11	Complete ammonia oxidation: an important control on nitrification in engineered ecosystems?. Current Opinion in Biotechnology, 2018, 50, 158-165.	3.3	115
12	Metatranscriptomic and Thermodynamic Insights into Medium-Chain Fatty Acid Production Using an Anaerobic Microbiome. MSystems, 2018, 3, .	1.7	69
13	Metabolic network analysis reveals microbial community interactions in anammox granules. Nature Communications, 2017, 8, 15416.	5.8	489
14	Whole-Community Metagenomics in Two Different Anammox Configurations: Process Performance and Community Structure. Environmental Science & amp; Technology, 2017, 51, 4317-4327.	4.6	98
15	Ancestral genome reconstruction identifies the evolutionary basis for trait acquisition in polyphosphate accumulating bacteria. ISME Journal, 2016, 10, 2931-2945.	4.4	43
16	Rare taxa have potential to make metabolic contributions in enhanced biological phosphorus removal ecosystems. Environmental Microbiology, 2015, 17, 4979-4993.	1.8	68
17	Patterns of Endemism and Habitat Selection in Coalbed Microbial Communities. Applied and Environmental Microbiology, 2015, 81, 7924-7937.	1.4	31
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