

# Christopher Evan Lawson

## List of Publications by Year in descending order

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

Version: 2024-02-01

19  
papers

1,660  
citations

759055

12  
h-index

839398

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1890  
citing authors

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