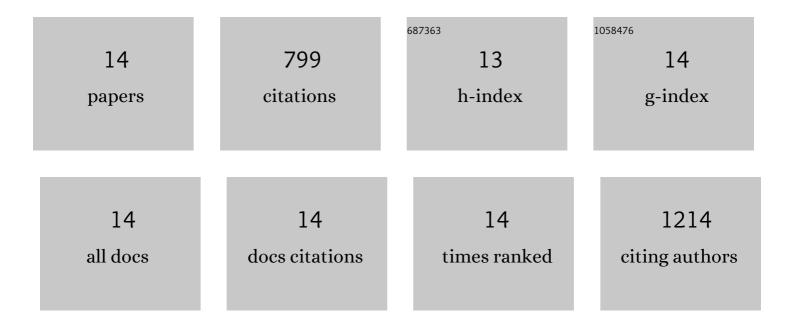
Thomas C Williams

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Recent advances in synthetic biology for engineering isoprenoid production in yeast. Current Opinion in Chemical Biology, 2017, 40, 47-56.	6.1	153
2	Quorum-sensing linked RNA interference for dynamic metabolic pathway control in Saccharomyces cerevisiae. Metabolic Engineering, 2015, 29, 124-134.	7.0	118
3	Blueprints for Biosensors: Design, Limitations, and Applications. Genes, 2018, 9, 375.	2.4	99
4	Synthetic Evolution of Metabolic Productivity Using Biosensors. Trends in Biotechnology, 2016, 34, 371-381.	9.3	90
5	Adaptive laboratory evolution of native methanol assimilation in Saccharomyces cerevisiae. Nature Communications, 2020, 11, 5564.	12.8	64
6	Engineered Quorum Sensing Using Pheromone-Mediated Cell-to-Cell Communication in <i>Saccharomyces cerevisiae</i> . ACS Synthetic Biology, 2013, 2, 136-149.	3.8	62
7	Evolutionary Engineering Improves Tolerance for Replacement Jet Fuels in Saccharomyces cerevisiae. Applied and Environmental Microbiology, 2015, 81, 3316-3325.	3.1	44
8	Sensing the future of bio-informational engineering. Nature Communications, 2021, 12, 388.	12.8	43
9	The Multiplanetary Future of Plant Synthetic Biology. Genes, 2018, 9, 348.	2.4	31
10	Dynamic regulation of gene expression using sucrose responsive promoters and RNA interference in Saccharomyces cerevisiae. Microbial Cell Factories, 2015, 14, 43.	4.0	28
11	Photoresponsive endosomal escape enhances gene delivery using liposome–polycation–DNA (LPD) nanovectors. Journal of Materials Chemistry B, 2018, 6, 5269-5281.	5.8	22
12	The Saccharomyces cerevisiae pheromone-response is a metabolically active stationary phase for bio-production. Metabolic Engineering Communications, 2016, 3, 142-152.	3.6	18
13	Microdroplet enabled cultivation of single yeast cells correlates with bulk growth and reveals subpopulation phenomena. Biotechnology and Bioengineering, 2021, 118, 647-658.	3.3	16
14	Seeding the idea of encapsulating a representative synthetic metagenome in a single yeast cell. Nature Communications, 2021, 12, 1599.	12.8	11