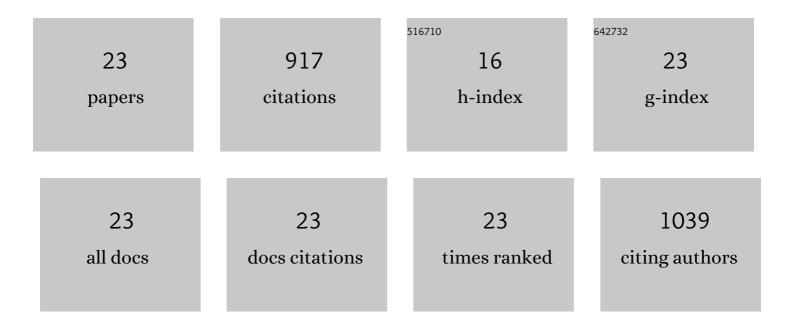
Adrian J Jervis

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An automated Design-Build-Test-Learn pipeline for enhanced microbial production of fine chemicals. Communications Biology, 2018, 1, 66.	4.4	159
2	Towards synthesis of monoterpenes and derivatives using synthetic biology. Current Opinion in Chemical Biology, 2016, 34, 37-43.	6.1	89
3	Machine Learning of Designed Translational Control Allows Predictive Pathway Optimization in <i>Escherichia coli</i> . ACS Synthetic Biology, 2019, 8, 127-136.	3.8	88
4	Characterization of N-Linked Protein Glycosylation in <i>Helicobacter pullorum</i> . Journal of Bacteriology, 2010, 192, 5228-5236.	2.2	63
5	Bioinformatics for the synthetic biology of natural products: integrating across the Design–Build–Test cycle. Natural Product Reports, 2016, 33, 925-932.	10.3	58
6	Characterization of the Structurally Diverse N-Linked Glycans of Campylobacter Species. Journal of Bacteriology, 2012, 194, 2355-2362.	2.2	57
7	Rapid prototyping of microbial production strains for the biomanufacture of potential materials monomers. Metabolic Engineering, 2020, 60, 168-182.	7.0	48
8	Engineering Escherichia coli towards de novo production of gatekeeper (2S)-flavanones: naringenin, pinocembrin, eriodictyol and homoeriodictyol. Synthetic Biology, 2020, 5, ysaa012.	2.2	45
9	A â€ [~] Plug and Play' Platform for the Production of Diverse Monoterpene Hydrocarbon Scaffolds in <i>Escherichia coli</i> ChemistrySelect, 2016, 1, 1893-1896.	1.5	42
10	SelProm: A Queryable and Predictive Expression Vector Selection Tool for <i>Escherichia coli</i> . ACS Synthetic Biology, 2019, 8, 1478-1483.	3.8	37
11	Highly multiplexed, fast and accurate nanopore sequencing for verification of synthetic DNA constructs and sequence libraries. Synthetic Biology, 2019, 4, ysz025.	2.2	35
12	biochem4j: Integrated and extensible biochemical knowledge through graph databases. PLoS ONE, 2017, 12, e0179130.	2.5	31
13	Functional analysis of N-linking oligosaccharyl transferase enzymes encoded by deep-sea vent proteobacteria. Glycobiology, 2016, 26, 398-409.	2.5	30
14	PartsGenie: an integrated tool for optimizing and sharing synthetic biology parts. Bioinformatics, 2018, 34, 2327-2329.	4.1	25
15	An automated pipeline for the screening of diverse monoterpene synthase libraries. Scientific Reports, 2019, 9, 11936.	3.3	21
16	Engineering the "Missing Link―in Biosynthetic (â^')-Menthol Production: Bacterial Isopulegone Isomerase. ACS Catalysis, 2018, 8, 2012-2020.	11.2	20
17	Functional analysis of the Helicobacter pullorum N-linked protein glycosylation system. Glycobiology, 2018, 28, 233-244.	2.5	17
18	Chromosomal integration vectors allowing flexible expression of foreign genes in Campylobacter jejuni. BMC Microbiology, 2015, 15, 230.	3.3	13

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19	Multifragment DNA Assembly of Biochemical Pathways via Automated Ligase Cycling Reaction. Methods in Enzymology, 2018, 608, 369-392.	1.0	11
20	A plasmid toolset for CRISPRâ€nediated genome editing and CRISPRi gene regulation in <i>Escherichia coli</i> . Microbial Biotechnology, 2021, 14, 1120-1129.	4.2	10
21	RNA-based thermoregulation of a Campylobacter jejuni zinc resistance determinant. PLoS Pathogens, 2020, 16, e1009008.	4.7	8
22	SYNBIOCHEM–a SynBio foundry for the biosynthesis and sustainable production of fine and speciality chemicals. Biochemical Society Transactions, 2016, 44, 675-677.	3.4	7
23	Prototyping of microbial chassis for the biomanufacturing of high-value chemical targets. Biochemical Society Transactions, 2021, 49, 1055-1063.	3.4	3