

# Quentin M Dudley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3826140/publications.pdf>

Version: 2024-02-01

11  
papers

910  
citations

1039880

9  
h-index

1281743

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-free metabolic engineering: Biomanufacturing beyond the cell. <i>Biotechnology Journal</i> , 2015, 10, 69-82.	1.8	270
2	In vitro prototyping and rapid optimization of biosynthetic enzymes for cell design. <i>Nature Chemical Biology</i> , 2020, 16, 912-919.	3.9	142
3	Cell-Free Mixing of <i>Escherichia coli</i> Crude Extracts to Prototype and Rationally Engineer High-Titer Mevalonate Synthesis. <i>ACS Synthetic Biology</i> , 2016, 5, 1578-1588.	1.9	130
4	A Pressure Test to Make 10 Molecules in 90 Days: External Evaluation of Methods to Engineer Biology. <i>Journal of the American Chemical Society</i> , 2018, 140, 4302-4316.	6.6	118
5	In vitro prototyping of limonene biosynthesis using cell-free protein synthesis. <i>Metabolic Engineering</i> , 2020, 61, 251-260.	3.6	81
6	Cell-free biosynthesis of limonene using enzyme-enriched <i>Escherichia coli</i> lysates. <i>Synthetic Biology</i> , 2019, 4, ysz003.	1.2	63
7	High-throughput mapping of CoA metabolites by SAMDI-MS to optimize the cell-free biosynthesis of HMG-CoA. <i>Science Advances</i> , 2019, 5, eaaw9180.	4.7	35
8	Uncertainties in life cycle greenhouse gas emissions from U.S. beef cattle. <i>Journal of Cleaner Production</i> , 2014, 75, 31-39.	4.6	24
9	Biofoundry-assisted expression and characterization of plant proteins. <i>Synthetic Biology</i> , 2021, 6, ysab029.	1.2	14
10	Cas9-Mediated Targeted Mutagenesis in Plants. <i>Methods in Molecular Biology</i> , 2022, 2379, 1-26.	0.4	5
11	Measurement of Transgene Copy Number in Plants Using Droplet Digital PCR. <i>Bio-protocol</i> , 2021, 11, e4075.	0.2	4