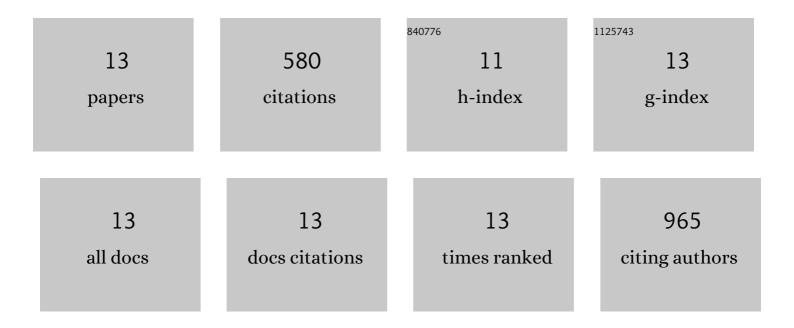
Anupam Chowdhury

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/403435/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Pareto Optimality Explanation of the Glycolytic Alternatives in Nature. Scientific Reports, 2019, 9, 2633.	3.3	16
2	Engineering of E. coli inherent fatty acid biosynthesis capacity to increase octanoic acid production. Biotechnology for Biofuels, 2018, 11, 87.	6.2	24
3	Multilevel engineering of the upstream module of aromatic amino acid biosynthesis in Saccharomyces cerevisiae for high production of polymer and drug precursors. Metabolic Engineering, 2017, 42, 134-144.	7.0	79
4	A microbial factory for diverse chemicals. Nature Biotechnology, 2016, 34, 513-515.	17.5	3
5	Designing overall stoichiometric conversions and intervening metabolic reactions. Scientific Reports, 2015, 5, 16009.	3.3	47
6	Using Gene Essentiality and Synthetic Lethality Information to Correct Yeast and CHO Cell Genome-Scale Models. Metabolites, 2015, 5, 536-570.	2.9	31
7	Advances in de novo strain design using integrated systems and synthetic biology tools. Current Opinion in Chemical Biology, 2015, 28, 105-114.	6.1	30
8	Improving prediction fidelity of cellular metabolism with kinetic descriptions. Current Opinion in Biotechnology, 2015, 36, 57-64.	6.6	35
9	Personalized Kinetic Models for Predictive Healthcare. Cell Systems, 2015, 1, 250-251.	6.2	2
10	Bilevel optimization techniques in computational strain design. Computers and Chemical Engineering, 2015, 72, 363-372.	3.8	35
11	k-OptForce: Integrating Kinetics with Flux Balance Analysis for Strain Design. PLoS Computational Biology, 2014, 10, e1003487.	3.2	117
12	Recent advances in the reconstruction of metabolic models and integration of omics data. Current Opinion in Biotechnology, 2014, 29, 39-45.	6.6	115
13	Succinate Overproduction: A Case Study of Computational Strain Design Using a Comprehensive Escherichia coli Kinetic Model. Frontiers in Bioengineering and Biotechnology, 2014, 2, 76.	4.1	46