

Dimitris Christodoulou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2704314/publications.pdf>

Version: 2024-02-01

10
papers

824
citations

1040056

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1474206

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11
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11
docs citations

11
times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycolysis/gluconeogenesis specialization in microbes is driven by biochemical constraints of flux sensing. <i>Molecular Systems Biology</i> , 2022, 18, e10704.	7.2	21
2	A universal trade-off between growth and lag in fluctuating environments. <i>Nature</i> , 2020, 584, 470-474.	27.8	139
3	Reserve Flux Capacity in the Pentose Phosphate Pathway by NADPH Binding Is Conserved across Kingdoms. <i>IScience</i> , 2019, 19, 1133-1144.	4.1	44
4	Reserve Flux Capacity in the Pentose Phosphate Pathway Enables <i>Escherichia coli</i> 's Rapid Response to Oxidative Stress. <i>Cell Systems</i> , 2018, 6, 569-578.e7.	6.2	162
5	Capacity for instantaneous catabolism of preferred and non-preferred carbon sources in <i>Escherichia coli</i> and <i>Bacillus subtilis</i> . <i>Scientific Reports</i> , 2018, 8, 11760.	3.3	26
6	Few regulatory metabolites coordinate expression of central metabolic genes in <i>Escherichia coli</i> . <i>Molecular Systems Biology</i> , 2017, 13, 903.	7.2	129
7	Genome-Scale Architecture of Small Molecule Regulatory Networks and the Fundamental Trade-Off between Regulation and Enzymatic Activity. <i>Cell Reports</i> , 2017, 20, 2666-2677.	6.4	70
8	Pseudo-transition Analysis Identifies the Key Regulators of Dynamic Metabolic Adaptations from Steady-State Data. <i>Cell Systems</i> , 2015, 1, 270-282.	6.2	133
9	Advancing metabolic models with kinetic information. <i>Current Opinion in Biotechnology</i> , 2014, 29, 8-14.	6.6	99
10	Genome-Scale Architecture of Small Molecule Regulatory Networks and the Fundamental Trade-Off Between Regulation and Enzymatic Activity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0