

Luca Gerosa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/864013/publications.pdf>

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11
papers

1,405
citations

1040056

9
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination of microbial metabolism. <i>Nature Reviews Microbiology</i> , 2014, 12, 327-340.	28.6	439
2	Functioning of a metabolic flux sensor in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1130-1135.	7.1	177
3	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
4	Regulation and control of metabolic fluxes in microbes. <i>Current Opinion in Biotechnology</i> , 2011, 22, 566-575.	6.6	142
5	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
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	Dissecting specific and global transcriptional regulation of bacterial gene expression. <i>Molecular Systems Biology</i> , 2013, 9, 658.	7.2	115
8	Receptor-Driven ERK Pulses Reconfigure MAPK Signaling and Enable Persistence of Drug-Adapted BRAF-Mutant Melanoma Cells. <i>Cell Systems</i> , 2020, 11, 478-494.e9.	6.2	71
9	Structural basis for SHOC2 modulation of RAS signalling. <i>Nature</i> , 2022, 609, 400-407.	27.8	14
10	Elucidation of Genetic Interactions in the Yeast GATA-Factor Network Using Bayesian Model Selection. <i>PLoS Computational Biology</i> , 2016, 12, e1004784.	3.2	8
11	Overcoming differential tumor penetration of BRAF inhibitors using computationally guided combination therapy. <i>Science Advances</i> , 2022, 8, eabl6339.	10.3	6