

Hiroyuki Okano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1532101/publications.pdf>

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11
papers

1,722
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Overflow metabolism in <i>Escherichia coli</i> results from efficient proteome allocation. <i>Nature</i> , 2015, 528, 99-104.	27.8	566
2	Coordination of bacterial proteome with metabolism by cyclic AMP signalling. <i>Nature</i> , 2013, 500, 301-306.	27.8	375
3	Reduction of translating ribosomes enables <i>Escherichia coli</i> to maintain elongation rates during slow growth. <i>Nature Microbiology</i> , 2017, 2, 16231.	13.3	251
4	A universal trade-off between growth and lag in fluctuating environments. <i>Nature</i> , 2020, 584, 470-474.	27.8	139
5	A growth-rate composition formula for the growth of <i>E. coli</i> on co-utilized carbon substrates. <i>Molecular Systems Biology</i> , 2015, 11, 801.	7.2	89
6	From coarse to fine: the absolute <i>Escherichia coli</i> proteome under diverse growth conditions. <i>Molecular Systems Biology</i> , 2021, 17, e9536.	7.2	82
7	Need-based activation of ammonium uptake in <i>Escherichia coli</i> . <i>Molecular Systems Biology</i> , 2012, 8, 616.	7.2	76
8	Slowdown of Translational Elongation in <i>Escherichia coli</i> under Hyperosmotic Stress. <i>MBio</i> , 2018, 9, .	4.1	53
9	Regulation underlying hierarchical and simultaneous utilization of carbon substrates by flux sensors in <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2020, 5, 206-215.	13.3	44
10	Global coordination of metabolic pathways in <i>Escherichia coli</i> by active and passive regulation. <i>Molecular Systems Biology</i> , 2021, 17, e10064.	7.2	33
11	Hierarchical and simultaneous utilization of carbon substrates: mechanistic insights, physiological roles, and ecological consequences. <i>Current Opinion in Microbiology</i> , 2021, 63, 172-178.	5.1	13