

Karthik Sekar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8160597/publications.pdf>

Version: 2024-02-01

8
papers

489
citations

1163117

8
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontiers of high-throughput metabolomics. <i>Current Opinion in Chemical Biology</i> , 2017, 36, 15-23.	6.1	139
2	Virus-like particles: the future of microbial factories and cell-free systems as platforms for vaccine development. <i>Current Opinion in Biotechnology</i> , 2013, 24, 1089-1093.	6.6	88
3	Probing in Real Time the Soft Crystallization of DNA-Capped Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 380-384.	13.8	71
4	Synthesis and degradation of FtsZ quantitatively predict the first cell division in starved bacteria. <i>Molecular Systems Biology</i> , 2018, 14, e8623.	7.2	66
5	Bacterial Glycogen Provides Short-Term Benefits in Changing Environments. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	53
6	$\hat{1}^2$ -Oxidation and autophagy are critical energy providers during acute glucose depletion in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12239-12248.	7.1	27
7	N-Terminal-Based Targeted, Inducible Protein Degradation in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0149746.	2.5	23
8	Regulatory effects on central carbon metabolism from poly-3-hydroxybutyrate synthesis. <i>Metabolic Engineering</i> , 2015, 28, 180-189.	7.0	14