

Jason M Peters

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,890
citations

14
h-index

24
g-index

24
ext. papers

2,481
ext. citations

13.4
avg, IF

4.43
L-index

#	Paper	IF	Citations
20	A Comprehensive, CRISPR-based Functional Analysis of Essential Genes in Bacteria. <i>Cell</i> , 2016 , 165, 1493-1506	15.0	367
19	Construction and Analysis of Two Genome-Scale Deletion Libraries for Bacillus subtilis. <i>Cell Systems</i> , 2017 , 4, 291-305.e7	10.6	245
18	Bacterial transcription terminators: the RNA 3end chronicles. <i>Journal of Molecular Biology</i> , 2011 , 412, 793-813	6.5	215
17	A pause sequence enriched at translation start sites drives transcription dynamics in vivo. <i>Science</i> , 2014 , 344, 1042-7	33.3	209
16	Regulator trafficking on bacterial transcription units in vivo. <i>Molecular Cell</i> , 2009 , 33, 97-108	17.6	173
15	Rho and NusG suppress pervasive antisense transcription in Escherichia coli. <i>Genes and Development</i> , 2012 , 26, 2621-33	12.6	169
14	Rho directs widespread termination of intragenic and stable RNA transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15406-11	11.5	146
13	Correcting direct effects of ethanol on translation and transcription machinery confers ethanol tolerance in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2576-85	11.5	96
12	Enabling genetic analysis of diverse bacteria with Mobile-CRISPRi. <i>Nature Microbiology</i> , 2019 , 4, 244-250	26.6	81
11	Bacterial CRISPR: accomplishments and prospects. <i>Current Opinion in Microbiology</i> , 2015 , 27, 121-6	7.9	57
10	Depletion of Undecaprenyl Pyrophosphate Phosphatases Disrupts Cell Envelope Biogenesis in Bacillus subtilis. <i>Journal of Bacteriology</i> , 2016 , 198, 2925-2935	3.5	40
9	High-throughput bacterial functional genomics in the sequencing era. <i>Current Opinion in Microbiology</i> , 2015 , 27, 86-95	7.9	24
8	Mismatch-CRISPRi Reveals the Co-varying Expression-Fitness Relationships of Essential Genes in Escherichia coli and Bacillus subtilis. <i>Cell Systems</i> , 2020 , 11, 523-535.e9	10.6	17
7	Modulating Pathogenesis with Mobile-CRISPRi. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	15
6	Structure and Function of the Transmembrane Domain of NsaS, an Antibiotic Sensing Histidine Kinase in Staphylococcus aureus. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7471-7485	16.4	13
5	A High-Efficacy CRISPR Interference System for Gene Function Discovery in Zymomonas mobilis. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	10
4	Modulated efficacy CRISPRi reveals evolutionary conservation of essential gene expression-fitness relationships in bacteria		5

3	Inhibition of Isoleucyl-tRNA Synthetase by the Hybrid Antibiotic Thiomarinol. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12003-12013	16.4	4
2	Morphological and Transcriptional Responses to CRISPRi Knockdown of Essential Genes in <i>Escherichia coli</i> . <i>MBio</i> , 2021 , 12, e0256121	7.8	3
1	Programmable Gene Knockdown in Diverse Bacteria Using Mobile-CRISPRi. <i>Current Protocols in Microbiology</i> , 2020 , 59, e130	7.1	1