Jason M Peters

List of Publications by Year
in descending order

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Version: 2024-02-01

20 papers	2,919 citations	516710 16 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	3195 citing authors

#	Article	IF	Citations
1	Inhibition of Isoleucyl-tRNA Synthetase by the Hybrid Antibiotic Thiomarinol. Journal of the American Chemical Society, 2021, 143, 12003-12013.	13.7	14
2	Morphological and Transcriptional Responses to CRISPRi Knockdown of Essential Genes in Escherichia coli. MBio, 2021, 12, e0256121.	4.1	38
3	Mismatch-CRISPRi Reveals the Co-varying Expression-Fitness Relationships of Essential Genes in Escherichia coli and Bacillus subtilis. Cell Systems, 2020, 11, 523-535.e9.	6.2	72
4	A High-Efficacy CRISPR Interference System for Gene Function Discovery in Zymomonas mobilis. Applied and Environmental Microbiology, 2020, 86, .	3.1	26
5	Programmable Gene Knockdown in Diverse Bacteria Using Mobileâ€CRISPRi. Current Protocols in Microbiology, 2020, 59, e130.	6.5	16
6	mSphere of Influence: Comprehensive Genetic Analysis. MSphere, 2020, 5, .	2.9	0
7	Modulating Pathogenesis with Mobile-CRISPRi. Journal of Bacteriology, 2019, 201, .	2.2	31
8	Enabling genetic analysis of diverse bacteria with Mobile-CRISPRi. Nature Microbiology, 2019, 4, 244-250.	13.3	163
9	Structure and Function of the Transmembrane Domain of NsaS, an Antibiotic Sensing Histidine Kinase in Staphylococcus aureus. Journal of the American Chemical Society, 2018, 140, 7471-7485.	13.7	17
10	Construction and Analysis of Two Genome-Scale Deletion Libraries for Bacillus subtilis. Cell Systems, 2017, 4, 291-305.e7.	6.2	457
11	A Comprehensive, CRISPR-based Functional Analysis of Essential Genes in Bacteria. Cell, 2016, 165, 1493-1506.	28.9	593
12	Depletion of Undecaprenyl Pyrophosphate Phosphatases Disrupts Cell Envelope Biogenesis in Bacillus subtilis. Journal of Bacteriology, 2016, 198, 2925-2935.	2.2	50
13	High-throughput bacterial functional genomics in the sequencing era. Current Opinion in Microbiology, 2015, 27, 86-95.	5.1	35
14	Bacterial CRISPR: accomplishments and prospects. Current Opinion in Microbiology, 2015, 27, 121-126.	5.1	74
15	A pause sequence enriched at translation start sites drives transcription dynamics in vivo. Science, 2014, 344, 1042-1047.	12.6	280
16	Correcting direct effects of ethanol on translation and transcription machinery confers ethanol tolerance in bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2576-85.	7.1	126
17	Rho and NusG suppress pervasive antisense transcription in Escherichia coli. Genes and Development, 2012, 26, 2621-2633.	5.9	236
18	Bacterial Transcription Terminators: The RNA 3â€²-End Chronicles. Journal of Molecular Biology, 2011, 412, 793-813.	4.2	273

#	Article	IF	Citations
19	Rho directs widespread termination of intragenic and stable RNA transcription. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15406-15411.	7.1	192
20	Regulator Trafficking on Bacterial Transcription Units In Vivo. Molecular Cell, 2009, 33, 97-108.	9.7	217