

Paul A Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

606
citations

1163117

8
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional integration of a metabolic network model and expression data without arbitrary thresholding. <i>Bioinformatics</i> , 2011, 27, 541-547.	4.1	266
2	TIGER: Toolbox for integrating genome-scale metabolic models, expression data, and transcriptional regulatory networks. <i>BMC Systems Biology</i> , 2011, 5, 147.	3.0	104
3	Antibiotics Disrupt Coordination between Transcriptional and Phenotypic Stress Responses in Pathogenic Bacteria. <i>Cell Reports</i> , 2017, 20, 1705-1716.	6.4	65
4	Droplet Tn-Seq combines microfluidics with Tn-Seq for identifying complex single-cell phenotypes. <i>Nature Communications</i> , 2019, 10, 5729.	12.8	54
5	MetDraw: automated visualization of genome-scale metabolic network reconstructions and high-throughput data. <i>Bioinformatics</i> , 2014, 30, 1327-1328.	4.1	26
6	Metabolic Modeling of <i>Streptococcus mutans</i> Reveals Complex Nutrient Requirements of an Oral Pathogen. <i>MSystems</i> , 2019, 4, .	3.8	20
7	Miniaturized Plate Readers for Low-Cost, High-Throughput Phenotypic Screening. <i>Journal of the Association for Laboratory Automation</i> , 2015, 20, 51-55.	2.8	18
8	A Novel Competence Pathway in the Oral Pathogen <i>Streptococcus sobrinus</i> . <i>Journal of Dental Research</i> , 2021, 100, 542-548.	5.2	13
9	<code><scp>Gapsplit</scp></code> : efficient random sampling for non-convex constraint-based models. <i>Bioinformatics</i> , 2020, 36, 2623-2625.	4.1	11
10	The bare necessities: Uncovering essential and condition-critical genes with transposon sequencing. <i>Molecular Oral Microbiology</i> , 2019, 34, 39-50.	2.7	10
11	Designing Randomized DNA Sequences Free of Restriction Enzyme Recognition Sites. <i>Biotechnology Journal</i> , 2018, 13, 1700326.	3.5	5
12	Complete Genome Sequences of <i>Streptococcus sobrinus</i> SL1 (ATCC 33478 = DSM 20742), NIDR 6715-7 (ATCC 27351), NIDR 6715-15 (ATCC 27352), and NCTC 10919 (ATCC 33402). <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	4
13	Coupling Fluxes, Enzymes, and Regulation in Genome-Scale Metabolic Models. <i>Methods in Molecular Biology</i> , 2018, 1716, 337-351.	0.9	3
14	Hands-On Assembly of DNA Sequencing Reads as a Gateway to Bioinformatics. <i>Journal of Microbiology and Biology Education</i> , 2017, 18, .	1.0	1
15	Laboratory Exercise to Measure Plasmid Copy Number by qPCR. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	1.0	1
16	A scalable systems analysis approach for regulated metabolic networks. , 2009, 2009, 5464-5.		0
17	A reinforcement learning framework for pooled oligonucleotide design. <i>Bioinformatics</i> , 2022, 38, 2219-2225.	4.1	0