

# Paul A Jensen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2997484/publications.pdf>

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	A reinforcement learning framework for pooled oligonucleotide design. <i>Bioinformatics</i> , 2022, 38, 2219-2225.	4.1	0
2	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
3	Laboratory Exercise to Measure Plasmid Copy Number by qPCR. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	1.0	1
4	<scp>Gapsplit</scp>: efficient random sampling for non-convex constraint-based models. <i>Bioinformatics</i> , 2020, 36, 2623-2625.	4.1	11
5	The bare necessities: Uncovering essential and condition-critical genes with transposon sequencing. <i>Molecular Oral Microbiology</i> , 2019, 34, 39-50.	2.7	10
6	Droplet Tn-Seq combines microfluidics with Tn-Seq for identifying complex single-cell phenotypes. <i>Nature Communications</i> , 2019, 10, 5729.	12.8	54
7	Metabolic Modeling of <i>Streptococcus mutans</i> Reveals Complex Nutrient Requirements of an Oral Pathogen. <i>MSystems</i> , 2019, 4, .	3.8	20
8	Designing Randomized DNA Sequences Free of Restriction Enzyme Recognition Sites. <i>Biotechnology Journal</i> , 2018, 13, 1700326.	3.5	5
9	Coupling Fluxes, Enzymes, and Regulation in Genome-Scale Metabolic Models. <i>Methods in Molecular Biology</i> , 2018, 1716, 337-351.	0.9	3
10	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
11	Antibiotics Disrupt Coordination between Transcriptional and Phenotypic Stress Responses in Pathogenic Bacteria. <i>Cell Reports</i> , 2017, 20, 1705-1716.	6.4	65
12	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
13	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
14	MetDraw: automated visualization of genome-scale metabolic network reconstructions and high-throughput data. <i>Bioinformatics</i> , 2014, 30, 1327-1328.	4.1	26
15	Functional integration of a metabolic network model and expression data without arbitrary thresholding. <i>Bioinformatics</i> , 2011, 27, 541-547.	4.1	266
16	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
17	A scalable systems analysis approach for regulated metabolic networks. , 2009, 2009, 5464-5.		0