

Jeffrey G Lawrence

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3584131/publications.pdf>

Version: 2024-02-01

22
papers

6,058
citations

567281

15
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

6538
citing authors

#	ARTICLE	IF	CITATIONS
1	Lateral gene transfer and the nature of bacterial innovation. <i>Nature</i> , 2000, 405, 299-304.	27.8	3,303
2	Molecular archaeology of the <i>Escherichia coli</i> genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9413-9417.	7.1	874
3	Prokaryotic Evolution in Light of Gene Transfer. <i>Molecular Biology and Evolution</i> , 2002, 19, 2226-2238.	8.9	858
4	Implications of Viral Taxonomy: Genetic Exchange and Failings of Phenetic Approaches. <i>Journal of Bacteriology</i> , 2002, 184, 4891-4905.	2.2	240
5	Lateral gene transfer: when will adolescence end?. <i>Molecular Microbiology</i> , 2003, 50, 739-749.	2.5	178
6	Shared Strategies in Gene Organization among Prokaryotes and Eukaryotes. <i>Cell</i> , 2002, 110, 407-413.	28.9	89
7	Selection for Chromosome Architecture in Bacteria. <i>Journal of Molecular Evolution</i> , 2006, 62, 615-629.	1.8	80
8	Gene Organization: Selection, Selfishness, and Serendipity. <i>Annual Review of Microbiology</i> , 2003, 57, 419-440.	7.3	76
9	Mutational bias suggests that replication termination occurs near the <i>dif</i> site, not at <i>Ter</i> sites. <i>Molecular Microbiology</i> , 2007, 64, 42-56.	2.5	73
10	Genome evolution in bacteria: order beneath chaos. <i>Current Opinion in Microbiology</i> , 2005, 8, 572-578.	5.1	63
11	Catalyzing Bacterial Speciation: Correlating Lateral Transfer with Genetic Headroom. <i>Systematic Biology</i> , 2001, 50, 479-496.	5.6	51
12	Detection of genomic islands via segmental genome heterogeneity. <i>Nucleic Acids Research</i> , 2009, 37, 5255-5266.	14.5	51
13	Use of Artificial Genomes in Assessing Methods for Atypical Gene Detection. <i>PLoS Computational Biology</i> , 2005, 1, e56.	3.2	38
14	The myth of bacterial species and speciation. <i>Biology and Philosophy</i> , 2010, 25, 569-588.	1.4	28
15	Chromosome architecture constrains horizontal gene transfer in bacteria. <i>PLoS Genetics</i> , 2018, 14, e1007421.	3.5	18
16	Genomes in Motion: Gene Transfer as a Catalyst for Genome Change. , 0, , 3-22.		9
17	Quantification of codon selection for comparative bacterial genomics. <i>BMC Genomics</i> , 2011, 12, 374.	2.8	9
18	Genetic Manipulation of Pathogenicity Loci in Non-Typhimurium <i>Salmonella</i> . <i>Journal of Microbiological Methods</i> , 2012, 91, 477-482.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Microbial Evolution: Enforcing Cooperation by Partial Kin Selection. <i>Current Biology</i> , 2009, 19, R943-R945.	3.9	5
20	A likelihood approach to classifying fluorescent events collected by multicolor flow cytometry. <i>Journal of Microbiological Methods</i> , 2013, 94, 1-12.	1.6	5
21	Catalyzing Bacterial Speciation: Correlating Lateral Transfer with Genetic Headroom. <i>Systematic Biology</i> , 2001, 50, 479-496.	5.6	2
22	Selection for ancient periodic motifs that do not impart DNA bending. <i>PLoS Genetics</i> , 2020, 16, e1009042.	3.5	1