

Guy Plunkett Iii

List of Publications by Citations

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39
papers

14,395
citations

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h-index

39
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39
ext. papers

15,584
ext. citations

13
avg, IF

4.95
L-index

#	Paper	IF	Citations
39	The complete genome sequence of Escherichia coli K-12. <i>Science</i> , 1997 , 277, 1453-62	33.3	6157
38	Genome sequence of enterohaemorrhagic Escherichia coli O157:H7. <i>Nature</i> , 2001 , 409, 529-33	50.4	1671
37	Extensive mosaic structure revealed by the complete genome sequence of uropathogenic Escherichia coli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 17020-4	11.5	1175
36	Emergent properties of reduced-genome Escherichia coli. <i>Science</i> , 2006 , 312, 1044-6	33.3	542
35	Escherichia coli K-12: a cooperatively developed annotation snapshot--2005. <i>Nucleic Acids Research</i> , 2006 , 34, 1-9	20.1	525
34	Genome sequence of Yersinia pestis KIM. <i>Journal of Bacteriology</i> , 2002 , 184, 4601-11	3.5	474
33	Complete genome sequence and comparative genomics of Shigella flexneri serotype 2a strain 2457T. <i>Infection and Immunity</i> , 2003 , 71, 2775-86	3.7	349
32	Sequence of Shiga toxin 2 phage 933W from Escherichia coli O157:H7: Shiga toxin as a phage late-gene product. <i>Journal of Bacteriology</i> , 1999 , 181, 1767-78	3.5	310
31	Comparative genomics of Salmonella enterica serovar Typhi strains Ty2 and CT18. <i>Journal of Bacteriology</i> , 2003 , 185, 2330-7	3.5	291
30	The complete DNA sequence and analysis of the large virulence plasmid of Escherichia coli O157:H7. <i>Nucleic Acids Research</i> , 1998 , 26, 4196-204	20.1	267
29	Analysis of the Escherichia coli genome: DNA sequence of the region from 84.5 to 86.5 minutes. <i>Science</i> , 1992 , 257, 771-8	33.3	250
28	The complete genome sequence of Escherichia coli DH10B: insights into the biology of a laboratory workhorse. <i>Journal of Bacteriology</i> , 2008 , 190, 2597-606	3.5	248
27	Analysis of the Escherichia coli genome. V. DNA sequence of the region from 76.0 to 81.5 minutes. <i>Nucleic Acids Research</i> , 1994 , 22, 2576-86	20.1	217
26	Engineering a reduced Escherichia coli genome. <i>Genome Research</i> , 2002 , 12, 640-7	9.7	214
25	DNA sequence and analysis of 136 kilobases of the Escherichia coli genome: organizational symmetry around the origin of replication. <i>Genomics</i> , 1993 , 16, 551-61	4.3	197
24	Genome of bacteriophage P1. <i>Journal of Bacteriology</i> , 2004 , 186, 7032-68	3.5	183
23	Analysis of the Escherichia coli genome. III. DNA sequence of the region from 87.2 to 89.2 minutes. <i>Nucleic Acids Research</i> , 1993 , 21, 3391-8	20.1	157

22	Analysis of the Escherichia coli genome. IV. DNA sequence of the region from 89.2 to 92.8 minutes. <i>Nucleic Acids Research</i> , 1993 , 21, 5408-17	20.1	153
21	Sequence analysis of four new heat-shock genes constituting the hslTS/ibpAB and hslVU operons in Escherichia coli. <i>Gene</i> , 1993 , 134, 1-6	3.8	145
20	Analysis of the Escherichia coli genome VI: DNA sequence of the region from 92.8 through 100 minutes. <i>Nucleic Acids Research</i> , 1995 , 23, 2105-19	20.1	141
19	ASAP, a systematic annotation package for community analysis of genomes. <i>Nucleic Acids Research</i> , 2003 , 31, 147-51	20.1	132
18	A new family of peptidyl-prolyl isomerases. <i>Trends in Biochemical Sciences</i> , 1995 , 20, 12-4	10.3	83
17	Genome sequence of the plant-pathogenic bacterium Dickeya dadantii 3937. <i>Journal of Bacteriology</i> , 2011 , 193, 2076-7	3.5	78
16	Shotgun optical maps of the whole Escherichia coli O157:H7 genome. <i>Genome Research</i> , 2001 , 11, 1584-93	9.7	69
15	Novel phosphotransferase-encoding genes revealed by analysis of the Escherichia coli genome: a chimeric gene encoding an Enzyme I homologue that possesses a putative sensory transduction domain. <i>Gene</i> , 1996 , 181, 103-8	3.8	66
14	ASAP: a resource for annotating, curating, comparing, and disseminating genomic data. <i>Nucleic Acids Research</i> , 2006 , 34, D41-5	20.1	54
13	Identification and characterization of Escherichia coli RS218-derived islands in the pathogenesis of E. coli meningitis. <i>Journal of Infectious Diseases</i> , 2006 , 194, 358-64	7	34
12	Genome sequencing on both strands: the Janus strategy. <i>Nucleic Acids Research</i> , 1993 , 21, 3385-90	20.1	31
11	DNA sequence of the transfer RNA region of bacteriophage T4: implications for transfer RNA synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981 , 78, 889-92	11.5	31
10	Subdivision of the Escherichia coli K-12 genome for sequencing: manipulation and DNA sequence of transposable elements introducing unique restriction sites. <i>Gene</i> , 1998 , 223, 47-54	3.8	26
9	Escherichia coli K1-specific bacteriophage CUS-3 distribution and function in phase-variable capsular polysialic acid O acetylation. <i>Journal of Bacteriology</i> , 2007 , 189, 6447-56	3.5	26
8	Retroregulation of the bacteriophage lambda int gene: limited secondary degradation of the RNase III-processed transcript. <i>Journal of Bacteriology</i> , 1989 , 171, 588-92	3.5	23
7	Genome of Enterobacteriophage Lula/phi80 and insights into its ability to spread in the laboratory environment. <i>Journal of Bacteriology</i> , 2012 , 194, 6802-17	3.5	15
6	Text-mining of PubMed abstracts by natural language processing to create a public knowledge base on molecular mechanisms of bacterial enteropathogens. <i>BMC Bioinformatics</i> , 2009 , 10, 177	3.6	14
5	The Enterobacterium Trabulsiella odontotermitis Presents Novel Adaptations Related to Its Association with Fungus-Growing Termites. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6577-88	4.8	13

4	erratum Genome sequence of enterohaemorrhagic Escherichia coli O157:H7. <i>Nature</i> , 2001 , 410, 240-240	50.4	13
3	Enteropathogen Resource Integration Center (ERIC): bioinformatics support for research on biodefense-relevant enterobacteria. <i>Nucleic Acids Research</i> , 2008 , 36, D519-23	20.1	12
2	A new asset for pathogen informatics--the Enteropathogen Resource Integration Center (ERIC), an NIAID Bioinformatics Resource Center for Biodefense and Emerging/Re-emerging Infectious Disease. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 603, 28-42	3.6	7
1	Characterization of bacteriophage T4 and D RNA, a low-molecular-weight RNA of unknown function. <i>Archives of Biochemistry and Biophysics</i> , 1981 , 210, 298-306	4.1	2