

Millicent Masters

List of Publications by Year in descending order

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22
papers

1,081
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for the Bidirectional Replication of the Escherichia coli Chromosome. <i>Nature: New Biology</i> , 1971, 232, 137-140.	4.5	203
2	A DNA fragment containing the groE genes can suppress mutations in the Escherichia coli dnaA gene. <i>Molecular Genetics and Genomics</i> , 1986, 202, 446-454.	2.4	97
3	GroE is vital for cell-wall synthesis. <i>Nature</i> , 1998, 392, 139-139.	27.8	97
4	PcnB is required for the rapid degradation of RNAI, the antisense RNA that controls the copy number of ColE1-related plasmids. <i>Molecular Microbiology</i> , 1993, 9, 1131-1142.	2.5	93
5	Tools for Characterization of <i>Escherichia coli</i> Genes of Unknown Function. <i>Journal of Bacteriology</i> , 2002, 184, 4573-4581.	2.2	86
6	The lytB Gene of Escherichia coli Is Essential and Specifies a Product Needed for Isoprenoid Biosynthesis. <i>Journal of Bacteriology</i> , 2001, 183, 7403-7407.	2.2	68
7	Regulation of plasmid R1 replication: PcnB and RNase E expedite the decay of the antisense RNA, CopA. <i>Molecular Microbiology</i> , 1997, 26, 493-504.	2.5	59
8	The effect of DnaA protein levels and the rate of initiation at oriC on transcription originating in the ftsQ and ftsA genes: In vivo experiments. <i>Molecular Genetics and Genomics</i> , 1989, 216, 475-483.	2.4	52
9	Chromosome Replication and Cell Division in Escherichia coli 15T after Growth in the Absence of DNA Synthesis. <i>Nature</i> , 1968, 219, 1079-1080.	27.8	51
10	The frequency of P1 transduction of the genes of Escherichia coli as a function of chromosomal position: Preferential transduction of the origin of replication. <i>Molecular Genetics and Genomics</i> , 1977, 155, 197-202.	2.4	49
11	Strains of Escherichia coli diploid for the chromosomal origin of DNA replication. <i>Molecular Genetics and Genomics</i> , 1975, 143, 105-111.	2.4	35
12	Biochemical Evidence for the Bidirectional Replication of DNA in Escherichia coli. <i>Nature</i> , 1972, 240, 536-539.	27.8	25
13	The variation in frequency with which markers are transduced by phage P1 is primarily a result of discrimination during recombination. <i>Molecular Genetics and Genomics</i> , 1980, 180, 585-589.	2.4	25
14	The tail of a chaperonin: the C-terminal region of Escherichia coli GroEL protein. <i>Molecular Microbiology</i> , 1994, 14, 309-321.	2.5	25
15	Protein folding in Escherichia coli: the chaperonin GroE and its substrates. <i>Research in Microbiology</i> , 2009, 160, 267-277.	2.1	24
16	Packaging of transducing DNA by bacteriophage P1. <i>Molecular Genetics and Genomics</i> , 1988, 214, 523-532.	2.4	17
17	Reduction of marker discrimination in transductional recombination. <i>Molecular Genetics and Genomics</i> , 1984, 196, 85-90.	2.4	14
18	Bacteriophage P1 pac sites inserted into the chromosome greatly increase packaging and transduction of Escherichia coli genomic DNA. <i>Virology</i> , 2014, 468-470, 274-282.	2.4	14

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19	Absence of RNase III alters the pathway by which RNAI, the antisense inhibitor of ColE1 replication, decays. <i>Microbiology (United Kingdom)</i> , 1999, 145, 3089-3100.	1.8	14
20	Autoregulation of the <i>Escherichia coli</i> replication initiator protein, DnaA, is indirect. <i>Molecular Microbiology</i> , 1997, 23, 1303-1315.	2.5	13
21	The coupling between <i>ftsZ</i> transcription and initiation of DNA replication is not mediated by the DnaA boxes upstream of <i>ftsZ</i> or by DnaA. <i>Molecular Microbiology</i> , 1996, 21, 361-372.	2.5	10
22	Expression from the <i>Escherichia coli</i> <i>dapA</i> promoter is regulated by intracellular levels of diaminopimelic acid. <i>FEMS Microbiology Letters</i> , 2004, 235, 131-137.	1.8	10