Jeff Errington

List of Publications by Year
in descending order

211 papers	25,548 citations	7672 79 h-index	8878 150 g-index
223 all docs	223 docs citations	223 times ranked	14179 citing authors

#	Article	IF	Citations
1	A novel bipartite antitermination system widespread in conjugative elements of Gram-positive bacteria. Nucleic Acids Research, 2021, 49, 5553-5567.	6.5	5
2	CTP regulates membrane-binding activity of the nucleoid occlusion protein Noc. Molecular Cell, 2021, 81, 3623-3636.e6.	4.5	22
3	Characterization of the L-form switch in the Gram-negative pathogen <i>Streptobacillus moniliformis</i>. FEMS Microbiology Letters, 2021, 368, .	0.7	3
4	A Small Molecule Inhibitor of CTP Synthetase Identified by Differential Activity on a Bacillus subtilis Mutant Deficient in Class A Penicillin-Binding Proteins. Frontiers in Microbiology, 2020, 11, 2001.	1.5	2
5	Antibiotic tolerance. PLoS Pathogens, 2020, 16, e1008892.	2.1	38
6	Cohesion of Sister Chromosome Termini during the Early Stages of Sporulation in Bacillus subtilis. Journal of Bacteriology, 2020, 202, .	1.0	4
7	Geometric principles underlying the proliferation of a model cell system. Nature Communications, 2020, 11, 4149.	5.8	21
8	Regulation of peptidoglycan synthesis and remodelling. Nature Reviews Microbiology, 2020, 18, 446-460.	13.6	342
9	Microbe Profile: Bacillus subtilis: model organism for cellular development, and industrial workhorse. Microbiology (United Kingdom), 2020, 166, 425-427.	0.7	70
10	Cell Wall Deficiency as a Coping Strategy for Stress. Trends in Microbiology, 2019, 27, 1025-1033.	3.5	51
11	Crucial role for central carbon metabolism in the bacterial L-form switch and killing by Î²-lactam antibiotics. Nature Microbiology, 2019, 4, 1716-1726.	5.9	47
12	Microfluidic timeâ€lapse analysis and reevaluation of theBacillus subtiliscell cycle. MicrobiologyOpen, 2019, 8, e876.	1.2	8
13	Possible role of L-form switching in recurrent urinary tract infection. Nature Communications, 2019, 10, 4379.	5.8	65
14	Lysozyme Counteracts Î²-Lactam Antibiotics by Promoting the Emergence of L-Form Bacteria. Cell, 2018, 172, 1038-1049.e10.	13.5	88
15	Mode of Action and Heterologous Expression of the Natural Product Antibiotic Vancoresmycin. ACS Chemical Biology, 2018, 13, 207-214.	1.6	50
16	Type II Toxin-Antitoxin Systems and Persister Cells. MBio, 2018, 9, .	1.8	28
17	Mode of Action of Kanglemycin A, an Ansamycin Natural Product that Is Active against Rifampicin-Resistant Mycobacterium tuberculosis. Molecular Cell, 2018, 72, 263-274.e5.	4.5	51
18	RodA as the missing glycosyltransferase in Bacillus subtilis and antibiotic discovery for the peptidoglycan polymerase pathway. Nature Microbiology, 2017, 2, 16253.	5.9	159

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19	Structural Reassignment and Absolute Stereochemistry of Madurastatin C1 (MBJ-0034) and the Related Aziridine Siderophores: Madurastatins A1, B1, and MBJ-0035. Journal of Natural Products, 2017, 80, 1558-1562.	1.5	25
20	Cell wall-deficient, L-form bacteria in the 21st century: a personal perspective. Biochemical Society Transactions, 2017, 45, 287-295.	1.6	31
21	Cell Cycle Machinery in Bacillus subtilis. Sub-Cellular Biochemistry, 2017, 84, 67-101.	1.0	69
22	Designer chemistry. Environmental Microbiology Reports, 2017, 9, 36-37.	1.0	0
23	Production of 17-<i>O</i>-demethyl-geldanamycin, a cytotoxic ansamycin polyketide, by <i>Streptomyces hygroscopicus</i> DEM20745. Natural Product Research, 2017, 31, 1895-1900.	1.0	9
24	Screening and purification of natural products from Actinomycetes that affect the cell shape of fission yeast. Journal of Cell Science, 2017, 130, 3173-3185.	1.2	9
25	Functional redundancy of division specific penicillinâ€binding proteins in <i>Bacillus subtilis</i>. Molecular Microbiology, 2017, 106, 304-318.	1.2	32
26	A mechanism for FtsZ-independent proliferation in Streptomyces. Nature Communications, 2017, 8, 1378.	5.8	26
27	Green fluorescent protein as a reporter for the spatial and temporal expression of actIII in Streptomyces coelicolor. Archives of Microbiology, 2017, 199, 875-880.	1.0	1
28	Bacterial Membranes: Structure, Domains, and Function. Annual Review of Microbiology, 2017, 71, 519-538.	2.9	178
29	ylmD and ylmE genes are dispensable for growth, cross-wall formation and sporulation in Streptomyces venezuelae. Heliyon, 2017, 3, e00459.	1.4	5
30	A benzamideâ€dependent <i>fts</i><scp><i>Z</i></scp> mutant reveals residues crucial for <scp>Z</scp>â€ring assembly. Molecular Microbiology, 2016, 99, 1028-1042.	1.2	17
31	L-form bacteria, chronic diseases and the origins of life. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150494.	1.8	88
32	Wall proficient E. coli capable of sustained growth in the absence of the Z-ring division machine. Nature Microbiology, 2016, 1, 16091.	5.9	27
33	Complex polar machinery required for proper chromosome segregation in vegetative and sporulating cells of <i>Bacillus subtilis</i>. Molecular Microbiology, 2016, 101, 333-350.	1.2	38
34	Bacterial morphogenesis and the enigmatic MreB helix. Nature Reviews Microbiology, 2015, 13, 241-248.	13.6	131
35	Nucleoid occlusion protein <scp>N</scp> oc recruits <scp>DNA</scp> to the bacterial cell membrane. EMBO Journal, 2015, 34, 491-501.	3.5	92
36	Cell Growth of Wall-Free L-Form Bacteria Is Limited by Oxidative Damage. Current Biology, 2015, 25, 1613-1618.	1.8	89

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37	Cell Division during Growth and Sporulation. , 2014, , 97-109.		7
38	Interlinked Sister Chromosomes Arise in the Absence of Condensin during Fast Replication in B.Âsubtilis. Current Biology, 2014, 24, 293-298.	1.8	80
39	Bacterial Cell Morphogenesis Does Not Require a Preexisting Template Structure. Current Biology, 2014, 24, 863-867.	1.8	47
40	Cell cycle regulation by the bacterial nucleoid. Current Opinion in Microbiology, 2014, 22, 94-101.	2.3	71
41	General principles for the formation and proliferation of a wall-free (L-form) state in bacteria. ELife, 2014, 3, .	2.8	98
42	Excess Membrane Synthesis Drives a Primitive Mode of Cell Proliferation. Cell, 2013, 152, 997-1007.	13.5	186
43	The Conserved DNA-Binding Protein WhiA Is Involved in Cell Division in Bacillus subtilis. Journal of Bacteriology, 2013, 195, 5450-5460.	1.0	33
44	L-form bacteria, cell walls and the origins of life. Open Biology, 2013, 3, 120143.	1.5	162
45	Balanced transcription of cell division genes in <i><scp>B</scp>acillus subtilis</i> as revealed by single cell analysis. Environmental Microbiology, 2013, 15, 3196-3209.	1.8	8
46	Differentiated roles for <scp>MreB</scp>â€actin isologues and autolytic enzymes in <i><scp>B</scp>acillus subtilis</i> morphogenesis. Molecular Microbiology, 2013, 89, 1084-1098.	1.2	97
47	Soj/ParA stalls DNA replication by inhibiting helix formation of the initiator protein DnaA. EMBO Journal, 2012, 31, 1542-1555.	3.5	82
48	Crucial Role for Membrane Fluidity in Proliferation of Primitive Cells. Cell Reports, 2012, 1, 417-423.	2.9	75
49	Nucleoid occlusion and bacterial cell division. Nature Reviews Microbiology, 2012, 10, 8-12.	13.6	173
50	The rod to Lâ€form transition of <i>Bacillus subtilis</i> is limited by a requirement for the protoplast to escape from the cell wall sacculus. Molecular Microbiology, 2012, 83, 52-66.	1.2	48
51	The Replicase Sliding Clamp Dynamically Accumulates behind Progressing Replication Forks in Bacillus subtilis Cells. Molecular Cell, 2011, 41, 720-732.	4.5	48
52	Spo0J regulates the oligomeric state of Soj to trigger its switch from an activator to an inhibitor of DNA replication initiation. Molecular Microbiology, 2011, 79, 1089-1100.	1.2	96
53	Multiple effects of benzamide antibiotics on FtsZ function. Molecular Microbiology, 2011, 80, 68-84.	1.2	86
54	Large ring polymers align FtsZ polymers for normal septum formation. EMBO Journal, 2011, 30, 617-626.	3.5	73

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55	A widespread family of bacterial cell wall assembly proteins. EMBO Journal, 2011, 30, 4931-4941.	3.5	224
56	Transformation of Environmental Bacillus subtilis Isolates by Transiently Inducing Genetic Competence. PLoS ONE, 2010, 5, e9724.	1.1	35
57	From spores to antibiotics via the cell cycle. Microbiology (United Kingdom), 2010, 156, 1-13.	0.7	20
58	Functional and Morphological Adaptation to Peptidoglycan Precursor Alteration in Lactococcus lactis. Journal of Biological Chemistry, 2010, 285, 24003-24013.	1.6	11
59	Influence of heterologous MreB proteins on cell morphology of Bacillus subtilis. Microbiology (United Kingdom), 2009, 155, 3611-3621.	0.7	21
60	The Cell Wall Regulator Ïƒ^ISpecifically Suppresses the Lethal Phenotype of<i>mbl</i>Mutants in<i>Bacillus subtilis</i>. Journal of Bacteriology, 2009, 191, 1404-1413.	1.0	57
61	Effects of oriC relocation on control of replication initiation in Bacillus subtilis. Microbiology (United Kingdom), 2009, 155, 3070-3082.	0.7	4
62	The actin-like MreB cytoskeleton organizes viral DNA replication in bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13347-13352.	3.3	48
63	Regulation of cell wall morphogenesis in <i>Bacillus subtilis</i> by recruitment of PBP1 to the MreB helix. Molecular Microbiology, 2009, 71, 1131-1144.	1.2	124
64	<i>In vivo</i> localizations of membrane stress controllers PspA and PspG in <i>Escherichia coli</i>. Molecular Microbiology, 2009, 73, 382-396.	1.2	63
65	Partial functional redundancy of MreB isoforms, MreB, Mbl and MreBH, in cell morphogenesis of <i>Bacillus subtilis</i>. Molecular Microbiology, 2009, 73, 719-731.	1.2	90
66	Cellular localization of cholineâ€utilization proteins in <i>Streptococcus pneumoniae</i> using novel fluorescent reporter systems. Molecular Microbiology, 2009, 74, 395-408.	1.2	73
67	Localisation of DivIVA by targeting to negatively curved membranes. EMBO Journal, 2009, 28, 2272-2282.	3.5	292
68	Noc protein binds to specific DNA sequences to coordinate cell division with chromosome segregation. EMBO Journal, 2009, 28, 1940-1952.	3.5	139
69	Distinct and essential morphogenic functions for wall- and lipo-teichoic acids in Bacillus subtilis. EMBO Journal, 2009, 28, 830-842.	3.5	171
70	Life without a wall or division machine in Bacillus subtilis. Nature, 2009, 457, 849-853.	13.7	259
71	Bacterial cell division: assembly, maintenance and disassembly of the Z ring. Nature Reviews Microbiology, 2009, 7, 642-653.	13.6	702
72	A mechanism for cell cycle regulation of sporulation initiation in <i>Bacillus subtilis</i>. Genes and Development, 2009, 23, 1959-1970.	2.7	114

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73	Recruitment of Condensin to Replication Origin Regions by ParB/SpoOJ Promotes Chromosome Segregation in B. subtilis. Cell, 2009, 137, 685-696.	13.5	290
74	An Inhibitor of FtsZ with Potent and Selective Anti-Staphylococcal Activity. Science, 2008, 321, 1673-1675.	6.0	389
75	DNA versus membrane. Nature, 2008, 451, 900-901.	13.7	2
76	Control of the cell elongationâ€"division cycle by shuttling of PBP1 protein in <i>Bacillus subtilis</i>. Molecular Microbiology, 2008, 68, 1029-1046.	1.2	198
77	A novel component of the divisionâ€site selection system of <i>Bacillus subtilis</i> and a new mode of action for the division inhibitor MinCD. Molecular Microbiology, 2008, 70, 1556-1569.	1.2	157
78	Dynamic Control of the DNA Replication Initiation Protein DnaA by Soj/ParA. Cell, 2008, 135, 74-84.	13.5	189
79	Localization and Interactions of Teichoic Acid Synthetic Enzymes in Bacillus subtilis. Journal of Bacteriology, 2008, 190, 1812-1821.	1.0	79
80	Selectivity for d -Lactate Incorporation into the Peptidoglycan Precursors of Lactobacillus plantarum : Role of Aad, a VanX-Like d -Alanyl- d -Alanine Dipeptidase. Journal of Bacteriology, 2007, 189, 4332-4337.	1.0	37
81	Essential Bacterial Functions Encoded by Gene Pairs. Journal of Bacteriology, 2007, 189, 591-602.	1.0	56
82	Crystal structure of S. aureus YlaN, an essential leucine rich protein involved in the control of cell shape. Proteins: Structure, Function and Bioinformatics, 2007, 68, 438-445.	1.5	9
83	Anticipating chromosomal replication fork arrest: SSB targets repair DNA helicases to active forks. EMBO Journal, 2007, 26, 4239-4251.	3.5	105
84	Single-Molecule Force Spectroscopy and Imaging of the Vancomycin/d-Ala-d-Ala Interaction. Nano Letters, 2007, 7, 796-801.	4.5	139
85	Actin Homolog MreBH Governs Cell Morphogenesis by Localization of the Cell Wall Hydrolase LytE. Developmental Cell, 2006, 11, 399-409.	3.1	187
86	Systematic localisation of proteins fused to the green fluorescent protein inBacillus subtilis: Identification of new proteins at the DNA replication factory. Proteomics, 2006, 6, 2135-2146.	1.3	84
87	SepF, a novel FtsZ-interacting protein required for a late step in cell division. Molecular Microbiology, 2006, 59, 989-999.	1.2	152
88	The bacterial chromosome segregation protein Spo0J spreads along DNA from parS nucleation sites. Molecular Microbiology, 2006, 61, 1352-1361.	1.2	153
89	Regulated intramembrane proteolysis of FtsL protein and the control of cell division inBacillus subtilis. Molecular Microbiology, 2006, 62, 580-591.	1.2	64
90	Dimeric structure of the cell shape protein MreC and its functional implications. Molecular Microbiology, 2006, 62, 1631-1642.	1.2	86

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91	Multiple Interactions between the Transmembrane Division Proteins of Bacillus subtilis and the Role of FtsL Instability in Divisome Assembly. Journal of Bacteriology, 2006, 188, 7396-7404.	1.0	71
92	Functional analysis of 11 putative essential genes in Bacillus subtilis. Microbiology (United Kingdom), 2006, 152, 2895-2907.	0.7	111
93	A magnesium-dependentmreBnull mutant: implications for the role ofmreBinBacillus subtilis. Molecular Microbiology, 2005, 55, 1646-1657.	1.2	185
94	Roles for MreC and MreD proteins in helical growth of the cylindrical cell wall inBacillus subtilis. Molecular Microbiology, 2005, 57, 1196-1209.	1.2	157
95	Molecular basis for the exploitation of spore formation as survival mechanism by virulent phage Ï†29. EMBO Journal, 2005, 24, 3647-3657.	3.5	33
96	ftsZ mutations affecting cell division frequency, placement and morphology in Bacillus subtilis. Microbiology (United Kingdom), 2005, 151, 2053-2064.	0.7	33
97	Diversity and redundancy in bacterial chromosome segregation mechanisms. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 497-505.	1.8	34
98	Novel Inhibitors of Bacterial Cytokinesis Identified by a Cell-based Antibiotic Screening Assay. Journal of Biological Chemistry, 2005, 280, 39709-39715.	1.6	98
99	PBP1 Is a Component of the Bacillus subtilis Cell Division Machinery. Journal of Bacteriology, 2004, 186, 5153-5156.	1.0	51
100	Genetic analysis of the Bacillus subtilis sigG promoter, which controls the sporulation-specific transcription factor Ïƒ G. Microbiology (United Kingdom), 2004, 150, 2277-2287.	0.7	10
101	Cell division protein DivIB influences the Spo0J/Soj system of chromosome segregation in Bacillus subtilis. Molecular Microbiology, 2004, 55, 349-367.	1.2	25
102	Recruitment of penicillin-binding protein PBP2 to the division site of Staphylococcus aureus is dependent on its transpeptidation substrates. Molecular Microbiology, 2004, 55, 799-807.	1.2	148
103	AdivIVAnull mutant ofStaphylococcus aureusundergoes normal cell division. FEMS Microbiology Letters, 2004, 240, 145-149.	0.7	56
104	Coordination of Cell Division and Chromosome Segregation by a Nucleoid Occlusion Protein in Bacillus subtilis. Cell, 2004, 117, 915-925.	13.5	361
105	A dynamic bacterial cytoskeleton. Trends in Cell Biology, 2003, 13, 577-583.	3.6	110
106	RacA and the Soj-Spo0J system combine to effect polar chromosome segregation in sporulating Bacillus subtilis. Molecular Microbiology, 2003, 49, 1463-1475.	1.2	184
107	Dispersed mode of Staphylococcus aureus cell wall synthesis in the absence of the division machinery. Molecular Microbiology, 2003, 50, 871-881.	1.2	215
108	Several distinct localization patterns for penicillin-binding proteins in Bacillus subtilis. Molecular Microbiology, 2003, 51, 749-764.	1.2	136

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109	A role for divisionâ€siteâ€selection protein MinD in regulation of internucleoid jumping of Soj (ParA) protein in Bacillus subtilis. Molecular Microbiology, 2003, 47, 159-169.	1.2	38
110	Dynamic proteins and a cytoskeleton in bacteria. Nature Cell Biology, 2003, 5, 175-178.	4.6	68
111	Regulation of endospore formation in Bacillus subtilis. Nature Reviews Microbiology, 2003, 1, 117-126.	13.6	545
112	Essential Bacillus subtilis genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4678-4683.	3.3	1,261
113	Growth and development. Current Opinion in Microbiology, 2003, 6, 531-533.	2.3	3
114	Control of Cell Morphogenesis in Bacteria. Cell, 2003, 113, 767-776.	13.5	679
115	The Bacterial Cytoskeleton. Developmental Cell, 2003, 4, 19-28.	3.1	178
116	Identification of sporulation genes by genome-wide analysis of the Ïƒ E regulon of Bacillus subtilis. Microbiology (United Kingdom), 2003, 149, 3023-3034.	0.7	65
117	Polar Targeting of DivIVA in Bacillus subtilis Is Not Directly Dependent on FtsZ or PBP 2B. Journal of Bacteriology, 2003, 185, 693-697.	1.0	41
118	Cytokinesis in Bacteria. Microbiology and Molecular Biology Reviews, 2003, 67, 52-65.	2.9	548
119	Analysis of the Interaction between the Transcription Factor Ïƒ G and the Anti-Sigma Factor SpoIIAB of Bacillus subtilis. Journal of Bacteriology, 2003, 185, 4615-4619.	1.0	16
120	Characterization of the parB-Like yyaA Gene of Bacillus subtilis. Journal of Bacteriology, 2002, 184, 1102-1111.	1.0	25
121	An expanded view of bacterial DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8342-8347.	3.3	176
122	Isolation and characterization of topological specificity mutants of minD in Bacillus subtilis. Molecular Microbiology, 2002, 42, 1211-1221.	1.2	27
123	The cell differentiation protein SpoIIE contains a regulatory site that controls its phosphatase activity in response to asymmetric septation. Molecular Microbiology, 2002, 45, 1119-1130.	1.2	36
124	A large dispersed chromosomal region required for chromosome segregation in sporulating cells of Bacillus subtilis. EMBO Journal, 2002, 21, 4001-4011.	3.5	52
125	Two Essential DNA Polymerases at the Bacterial Replication Fork. Science, 2001, 294, 1716-1719.	6.0	148
126	Dynamic Proteins in Bacteria. Developmental Cell, 2001, 1, 10-11.	3.1	11

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127	Septation and chromosome segregation during sporulation in Bacillus subtilis. Current Opinion in Microbiology, 2001, 4, 660-666.	2.3	40
128	Control of Cell Shape in Bacteria. Cell, 2001, 104, 913-922.	13.5	852
129	Export of active green fluorescent protein to the periplasm by the twin-arginine translocase (Tat) pathway in Escherichia coli. Molecular Microbiology, 2001, 39, 47-53.	1.2	264
130	Cytological and biochemical characterization of the FtsA cell division protein of Bacillus subtilis. Molecular Microbiology, 2001, 40, 115-125.	1.2	128
131	Genetic analysis of the chromosome segregation protein Spo0J of Bacillus subtilis: evidence for separate domains involved in DNA binding and interactions with Soj protein. Molecular Microbiology, 2001, 41, 743-755.	1.2	83
132	DNA transport in bacteria. Nature Reviews Molecular Cell Biology, 2001, 2, 538-545.	16.1	116
133	Division site selection protein DivIVA of Bacillus subtilis has a second distinct function in chromosome segregation during sporulation. Genes and Development, 2001, 15, 1662-1673.	2.7	117
134	Role of penicillin-binding protein PBP 2B in assembly and functioning of the division machinery of Bacillus subtilis. Molecular Microbiology, 2000, 35, 299-311.	1.2	113
135	Intrinsic instability of the essential cell division protein FtsL of Bacillus subtilis and a role for DivIB protein in FtsL turnover. Molecular Microbiology, 2000, 36, 278-289.	1.2	76
136	The Bacillus subtilis cell division protein FtsL localizes to sites of septation and interacts with DivIC. Molecular Microbiology, 2000, 36, 846-855.	1.2	47
137	Dynamic relocalization of phage Ï†29 DNA during replication and the role of the viral protein p16.7. EMBO Journal, 2000, 19, 4182-4190.	3.5	17
138	Compartmentalization of transcription and translation in Bacillus subtilis. EMBO Journal, 2000, 19, 710-718.	3.5	240
139	Analysis of the Essential Cell Division Gene ftsL ofBacillus subtilis by Mutagenesis and Heterologous Complementation. Journal of Bacteriology, 2000, 182, 5572-5579.	1.0	16
140	Role of Bacillus subtilis SpoIIIE in DNA Transport Across the Mother Cell-Prespore Division Septum. Science, 2000, 290, 995-997.	6.0	175
141	Identification and Characterization of a New Prespore-Specific Regulatory Gene, rsfA , of Bacillus subtilis. Journal of Bacteriology, 2000, 182, 418-424.	1.0	22
142	Selection of the midcell division site in Bacillus subtilis through MinD-dependent polar localization and activation of MinC. Molecular Microbiology, 1999, 33, 84-96.	1.2	181
143	Characterization of a morphological checkpoint coupling cell-specific transcription to septation in Bacillus subtilis. Molecular Microbiology, 1999, 33, 1015-1026.	1.2	41
144	Upheaval in the bacterial nucleoid: an active chromosome segregation mechanism. Trends in Genetics, 1999, 15, 70-74.	2.9	60

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145	Dynamic Movement of the ParA-like Soj Protein of B. subtilis and Its Dual Role in Nucleoid Organization and Developmental Regulation. Molecular Cell, 1999, 4, 673-682.	4.5	186
146	Use of asymmetric cell division andspoIIIEmutants to probe chromosome orientation and organization inBacillus subtilis. Molecular Microbiology, 1998, 27, 777-786.	1.2	120
147	A fixed distance for separation of newly replicated copies of oriC in Bacillus subtilis: implications for co-ordination of chromosome segregation and cell division. Molecular Microbiology, 1998, 28, 981-990.	1.2	83
148	Characterization of the essential cell division geneftsLâ€ƒ(yllDâ€Š) ofBacillus subtilisand its role in the assembly of the division apparatus. Molecular Microbiology, 1998, 29, 593-604.	1.2	112
149	A 28 kbp segment from the spoVM region of the Bacillus subtilis 168 genome. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	9
150	Polar localization of the MinD protein of <i>Bacillus subtilis</i> and its role in selection of the mid-cell division site. Genes and Development, 1998, 12, 3419-3430.	2.7	332
151	Prespore-specific gene expression in Bacillus subtilis is driven by sequestration of SpoIIE phosphatase to the prespore side of the asymmetricÂseptum. Genes and Development, 1998, 12, 1371-1380.	2.7	69
152	Dynamic, mitotic-like behavior of a bacterial protein required for accurate chromosome partitioning.. Genes and Development, 1997, 11, 1160-1168.	2.7	304
153	Isolation and characterization of the lacA gene encoding beta-galactosidase in Bacillus subtilis and a regulator gene, lacR. Journal of Bacteriology, 1997, 179, 5636-5638.	1.0	55
154	Bacillus subtilis SpoIIID protein binds to two sites in the spoVD promoter and represses transcription by sigmaE RNA polymerase. Journal of Bacteriology, 1997, 179, 972-975.	1.0	21
155	Direct evidence for active segregation of oriC regions of the Bacillus subtilis chromosome and coâ€localization with the Spo0J partitioning protein. Molecular Microbiology, 1997, 25, 945-954.	1.2	172
156	The complete genome sequence of the Gram-positive bacterium Bacillus subtilis. Nature, 1997, 390, 249-256.	13.7	3,519
157	Septal localization of the SpoIIIE chromosome partitioning protein in Bacillus subtilis. EMBO Journal, 1997, 16, 2161-2169.	3.5	147
158	The Bacillus subtilis DivIVA protein targets to the division septum and controls the site specificity of cell division. Molecular Microbiology, 1997, 24, 905-915.	1.2	274
159	Control of the cell-specificity of Ïƒ F activity in Bacillus subtilis. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 537-542.	1.8	10
160	Use of green fluorescent protein for detection of cell-specific gene expression and subcellular protein localization during sporulation in Bacillus subtilis. Microbiology (United Kingdom), 1996, 142, 733-740.	0.7	60
161	A complex four-gene operon containing essential cell division gene pbpB in Bacillus subtilis. Journal of Bacteriology, 1996, 178, 2343-2350.	1.0	74
162	Determination of cell fate in Bacillus subtilis. Trends in Genetics, 1996, 12, 31-34.	2.9	55

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163	Compartmentalized distribution of the proteins controlling the presporeâ€specific transcription factor Ïƒ F of Bacillus subtilis. Genes To Cells, 1996, 1, 881-894.	0.5	49
164	Establishing differential gene expression in sporulating Bacillus subtilis: phosphorylation of SpoIIAA (anti-anti-ÏƒF) alters its conformation and prevents formation of a SpoIIAA/SpoIIAB/ADP complex. Molecular Microbiology, 1996, 19, 901-907.	1.2	43
165	The Bacillus subtilis soj-spo0J locus is required for a centromere-like function involved in prespore chromosome partitioning. Molecular Microbiology, 1996, 21, 501-509.	1.2	143
166	Timing and genetic regulation of commitment to sporulation in Bacillus subtilis. Microbiology (United Kingdom), 1996, 142, 3445-3452.	0.7	31
167	Bifunctional protein required for asymmetric cell division and cell-specific transcription in Bacillus subtilis.. Genes and Development, 1996, 10, 794-803.	2.7	108
168	Characterization of cell cycle events during the onset of sporulation in Bacillus subtilis. Journal of Bacteriology, 1995, 177, 3923-3931.	1.0	84
169	Postseptational chromosome partitioning in bacteria.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8630-8634.	3.3	100
170	Chromosome Partitioning in Bacteria. Annual Review of Genetics, 1995, 29, 41-67.	3.2	59
171	Medium-dependent sporulation resulting from a mutation in the spoIIAB gene of Bacillus subtilis. Microbiology (United Kingdom), 1995, 141, 1763-1769.	0.7	2
172	Characterization of an insertion in the phage Ï†105 genome that blocks host Bacillus subtilis lysis and provides strong expression of heterologous genes. Gene, 1995, 154, 1-6.	1.0	16
173	Bacillus subtilis spoIIIE protein required for DNA segregation during asymmetric cell division. Science, 1994, 264, 572-575.	6.0	316
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