Richard Losick

List of Publications by Year in Descending Order

283 papers	27,115 citations	93 h-index	159 g-index
289 ext. papers	29,952 ext. citations	14.1 avg, IF	7.14 L-index

#	Paper	IF	Citations
283	Richard Losick.. *Current Biology*, **2022**, 32, R298-R299	6.3	
282	Delivering the message: How a novel technology enabled the rapid development of effective vaccines. *Cell*, **2021**, 184, 5271-5274	56.2	1
281	Concerns about Continuing Claims that a Protein Complex Interacts with the Phosphorelay. *MBio*, **2020**, 11,	7.8	
280	The length of lipoteichoic acid polymers controls cell size and envelope integrity. *Journal of Bacteriology*, **2020**,	3.5	12
279	A protein phosphorylation module patterns the Bacillus subtilis spore outer coat. *Molecular Microbiology*, **2020**, 114, 934-951	4.1	5
278	Stochastic antagonism between two proteins governs a bacterial cell fate switch. *Science*, **2019**, 366, 116-120	33.3	17
277	Robust Suppression of Lipopolysaccharide Deficiency in Acinetobacter baumannii by Growth in Minimal Medium. *Journal of Bacteriology*, **2019**, 201,	3.5	9
276	Single-cell Microfluidic Analysis of Bacillus subtilis. *Journal of Visualized Experiments*, **2018**,	1.6	2
275	Reconstitution of Staphylococcus aureus Lipoteichoic Acid Synthase Activity Identifies Congo Red as a Selective Inhibitor. *Journal of the American Chemical Society*, **2018**, 140, 876-879	16.4	27
274	Maturation of polycistronic mRNAs by the endoribonuclease RNase Y and its associated Y-complex in. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5585-E5594	11.5	35
273	An Amino Acid Substitution in RNA Polymerase That Inhibits the Utilization of an Alternative Sigma Factor. *Journal of Bacteriology*, **2017**, 199,	3.5	3
272	A novel RNA polymerase-binding protein that interacts with a sigma-factor docking site. *Molecular Microbiology*, **2017**, 105, 652-662	4.1	5
271	Use of a microfluidic platform to uncover basic features of energy and environmental stress responses in individual cells of Bacillus subtilis. *PLoS Genetics*, **2017**, 13, e1006901	6	21
270	Noise in a phosphorelay drives stochastic entry into sporulation in. *EMBO Journal*, **2017**, 36, 2856-2869	13	31
269	Mechanism of biofilm-mediated stress resistance and lifespan extension in C. elegans. *Scientific Reports*, **2017**, 7, 7137	4.9	31
268	Genome-wide screen for genes involved in eDNA release during biofilm formation by. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E5969-E5978	11.5	58
267	A widespread family of serine/threonine protein phosphatases shares a common regulatory switch with proteasomal proteases. *ELife*, **2017**, 6,	8.9	12

266	Biofilm formation by Bacillus subtilis requires an endoribonuclease-containing multisubunit complex that controls mRNA levels for the matrix gene repressor SinR. *Molecular Microbiology*, **2016**, 99, 425-37	4.1	37
265	Colony-morphology screening uncovers a role for the Pseudomonas aeruginosa nitrogen-related phosphotransferase system in biofilm formation. *Molecular Microbiology*, **2016**, 99, 557-70	4.1	19
264	A love affair with Bacillus subtilis. *Journal of Biological Chemistry*, **2015**, 290, 2529-38	5.4	5
263	Identification and characterization of mutations conferring resistance to D-amino acids in Bacillus subtilis. *Journal of Bacteriology*, **2015**, 197, 1632-9	3.5	13
262	Bacterial backstabbing: EF-Tu, brute?. *Cell*, **2015**, 163, 537-9	56.2	2
261	An Electrostatic Net Model for the Role of Extracellular DNA in Biofilm Formation by Staphylococcus aureus. *Journal of Bacteriology*, **2015**, 197, 3779-87	3.5	76
260	Stochastic Switching of Cell Fate in Microbes. *Annual Review of Microbiology*, **2015**, 69, 381-403	17.5	105
259	Alternative modes of biofilm formation by plant-associated Bacillus cereus. *MicrobiologyOpen*, **2015** , 4, 452-64	3.4	52
258	Asymmetric division triggers cell-specific gene expression through coupled capture and stabilization of a phosphatase. *ELife*, **2015**, 4,	8.9	23
257	Self-regulation of exopolysaccharide production in Bacillus subtilis by a tyrosine kinase. *Genes and Development*, **2014**, 28, 1710-20	12.6	61
256	A DNA mimic: the structure and mechanism of action for the anti-repressor protein AbbA. *Journal of Molecular Biology*, **2014**, 426, 1911-24	6.5	14
255	Functional analysis of the accessory protein TapA in Bacillus subtilis amyloid fiber assembly. *Journal of Bacteriology*, **2014**, 196, 1505-13	3.5	57
254	Chemical shift assignments and secondary structure prediction of the master biofilm regulator, SinR, from Bacillus subtilis. *Biomolecular NMR Assignments*, **2014**, 8, 155-8	0.7	5
253	Biosynthesis of Riboflavin, Biotin, Folic Acid, and Cobalamin **2014**, 319-334		15
252	Systematics and Ecology of Bacillus **2014**, 1-16		70
251	Lactococcus and Lactobacillus **2014**, 65-82		10
250	Spore Germination and Outgrowth **2014**, 537-548		73
249	Purine and Pyrimidine Salvage Pathways **2014**, 359-378		27

248	Integrational Vectors for Genetic Manipulation in Bacillus subtilis **2014**, 615-624	119
247	Synthesis of Serine, Glycine, Cysteine, and Methionine **2014**, 245-254	24
246	The Bacillus subtilis Genome, Genes, and Functions **2014**, 7-11	
245	The Dynamic Architecture of the Bacillus Cell **2014**, 13-20	3
244	Structure and Synthesis of Cell Wall, Spore Cortex, Teichoic Acids, S-Layers, and Capsules **2014**, 21-41	55
243	Commercial Production of Extracellular Enzymes **2014**, 917-937	37
242	Proteins of the Spore Core and Coat **2014**, 527-535	42
241	Biosynthesis of Aromatic Amino Acids **2014**, 269-280	12
240	Fermentation of Bacillus **2014**, 869-895	8
239	RNA Polymerase and Sigma Factors **2014**, 287-312	72
238	DNA Repair Systems **2014**, 529-537	34
237	Biosynthesis of the Branched-Chain Amino Acids **2014**, 307-317	14
236	The Krebs Citric Acid Cycle **2014**, 151-162	22
235	Peptide Antibiotics **2014**, 897-916	40
234	Biosynthesis of Glutamine and Glutamate and the Assimilation of Ammonia **2014**, 281-298	29
233	Transformation and Recombination **2014**, 453-471	26
232	Bacillus anthracis **2014**, 113-124	35
231	Carbohydrate Catabolism: Pathways, Enzymes, Genetic Regulation, and Evolution **2014**, 157-170	25

230	The Genetic Map of Bacillus megaterium **2014**, 475-481		4
229	Carbon Source-Mediated Catabolite Repression **2014**, 213-219		37
228	General View of the Bacillus subtilis Chromosome **2014**, 552-569		
227	Overall Transport Capabilities of Bacillus subtilis **2014**, 111-128		6
226	Cell Division during Growth and Sporulation **2014**, 97-109		7
225	Conjugative Transposons **2014**, 597-614		25
224	Functional Classification of the Bacillus subtilis Protein-Encoding Genes **2014**, 570-615		
223	Carbohydrate Uptake and Metabolism **2014**, 129-150		64
222	The extracellular matrix of Staphylococcus aureus biofilms comprises cytoplasmic proteins that associate with the cell surface in response to decreasing pH. *MBio*, **2014**, 5, e01667-14	7.8	118
221	A novel RNA polymerase-binding protein controlling genes involved in spore germination in Bacillus subtilis. *Molecular Microbiology*, **2013**, 89, 113-22	4.1	14
220	Isolation, characterization, and aggregation of a structured bacterial matrix precursor. *Journal of Biological Chemistry*, **2013**, 288, 17559-68	5.4	42
219	Memory and modularity in cell-fate decision making. *Nature*, **2013**, 503, 481-486	50.4	167
218	D-amino acids indirectly inhibit biofilm formation in Bacillus subtilis by interfering with protein synthesis. *Journal of Bacteriology*, **2013**, 195, 5391-5	3.5	126
217	Bacillus subtilis biofilm induction by plant polysaccharides. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E1621-30	11.5	324
216	Biocontrol of tomato wilt disease by Bacillus subtilis isolates from natural environments depends on conserved genes mediating biofilm formation. *Environmental Microbiology*, **2013**, 15, 848-864	5.2	296
215	Sticking together: building a biofilm the Bacillus subtilis way. *Nature Reviews Microbiology*, **2013**, 11, 157-68	22.2	606
214	Synthesis and activity of biomimetic biofilm disruptors. *Journal of the American Chemical Society*, **2013**, 135, 2927-30	16.4	106
213	A conserved ClpP-like protease involved in spore outgrowth in Bacillus subtilis. *Molecular Microbiology*, **2013**, 90, 160-6	4.1	6

212	Respiration control of multicellularity in Bacillus subtilis by a complex of the cytochrome chain with a membrane-embedded histidine kinase. *Genes and Development*, **2013**, 27, 887-99	12.6	95
211	Gene conservation among endospore-forming bacteria reveals additional sporulation genes in Bacillus subtilis. *Journal of Bacteriology*, **2013**, 195, 253-60	3.5	41
210	Galactose Metabolism Plays a Crucial Role in Biofilm Formation by Bacillus subtilis. *MBio*, **2013**, 4,	7.8	1
209	A serine sensor for multicellularity in a bacterium. *ELife*, **2013**, 2, e01501	8.9	56
208	A Bacillus subtilis sensor kinase involved in triggering biofilm formation on the roots of tomato plants. *Molecular Microbiology*, **2012**, 85, 418-30	4.1	156
207	Evidence for cyclic Di-GMP-mediated signaling in Bacillus subtilis. *Journal of Bacteriology*, **2012**, 194, 5080-90	3.5	82
206	A self-produced trigger for biofilm disassembly that targets exopolysaccharide. *Cell*, **2012**, 149, 684-92	56.2	131
205	Osmotic pressure can regulate matrix gene expression in Bacillus subtilis. *Molecular Microbiology*, **2012**, 86, 426-36	4.1	48
204	Galactose metabolism plays a crucial role in biofilm formation by Bacillus subtilis. *MBio*, **2012**, 3, e00184-12	7.8	105
203	An accessory protein required for anchoring and assembly of amyloid fibres in B. subtilis biofilms. *Molecular Microbiology*, **2011**, 80, 1155-68	4.1	157
202	Evidence that metabolism and chromosome copy number control mutually exclusive cell fates in Bacillus subtilis. *EMBO Journal*, **2011**, 30, 1402-13	13	62
201	Phosphorylation of Spo0A by the histidine kinase KinD requires the lipoprotein med in Bacillus subtilis. *Journal of Bacteriology*, **2011**, 193, 3949-55	3.5	21
200	Inhibitory effects of D-amino acids on Staphylococcus aureus biofilm development. *Journal of Bacteriology*, **2011**, 193, 5616-22	3.5	192
199	Spatial regulation of histidine kinases governing biofilm formation in Bacillus subtilis. *Journal of Bacteriology*, **2011**, 193, 679-85	3.5	85
198	A small protein required for the switch from {sigma}F to {sigma}G during sporulation in Bacillus subtilis. *Journal of Bacteriology*, **2011**, 193, 116-24	3.5	12
197	Tracing the domestication of a biofilm-forming bacterium. *Journal of Bacteriology*, **2011**, 193, 2027-34	3.5	150
196	Interspecies interactions that result in Bacillus subtilis forming biofilms are mediated mainly by members of its own genus. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E1236-43	11.5	75
195	Just-in-time control of Spo0A synthesis in Bacillus subtilis by multiple regulatory mechanisms. *Journal of Bacteriology*, **2011**, 193, 6366-74	3.5	36

194	Reversal of an epigenetic switch governing cell chaining in Bacillus subtilis by protein instability. *Molecular Microbiology*, **2010**, 78, 218-29	4.1	57
193	Small genes under sporulation control in the Bacillus subtilis genome. *Journal of Bacteriology*, **2010**, 192, 5402-12	3.5	59
192	Protein subcellular localization in bacteria. *Cold Spring Harbor Perspectives in Biology*, **2010**, 2, a000307	10.2	138
191	The biocide chlorine dioxide stimulates biofilm formation in Bacillus subtilis by activation of the histidine kinase KinC. *Journal of Bacteriology*, **2010**, 192, 6352-6	3.5	66
190	KinD is a checkpoint protein linking spore formation to extracellular-matrix production in Bacillus subtilis biofilms. *MBio*, **2010**, 1,	7.8	77
189	An epigenetic switch governing daughter cell separation in Bacillus subtilis. *Genes and Development* , **2010**, 24, 754-65	12.6	131
188	D-amino acids trigger biofilm disassembly. *Science*, **2010**, 328, 627-9	33.3	595
187	Amyloid fibers provide structural integrity to Bacillus subtilis biofilms. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 2230-4	11.5	526
186	A widely conserved gene cluster required for lactate utilization in Bacillus subtilis and its involvement in biofilm formation. *Journal of Bacteriology*, **2009**, 191, 2423-30	3.5	86
185	Structurally diverse natural products that cause potassium leakage trigger multicellularity in Bacillus subtilis. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 280-5	11.5	260
184	The conserved sporulation protein YneE inhibits DNA replication in Bacillus subtilis. *Journal of Bacteriology*, **2009**, 191, 3736-9	3.5	36
183	Negative membrane curvature as a cue for subcellular localization of a bacterial protein. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 13541-5	11.5	188
182	Paracrine signaling in a bacterium. *Genes and Development*, **2009**, 23, 1631-8	12.6	156
181	A feeding tube model for activation of a cell-specific transcription factor during sporulation in Bacillus subtilis. *Genes and Development*, **2009**, 23, 1014-24	12.6	100
180	Paralogous antirepressors acting on the master regulator for biofilm formation in Bacillus subtilis. *Molecular Microbiology*, **2009**, 74, 876-87	4.1	61
179	Cannibalism enhances biofilm development in Bacillus subtilis. *Molecular Microbiology*, **2009**, 74, 609-18	4.1	142
178	Geometric cue for protein localization in a bacterium. *Science*, **2009**, 323, 1354-7	33.3	163
177	Peptide inhibitor of cytokinesis during sporulation in Bacillus subtilis. *Molecular Microbiology*, **2008**, 68, 588-99	4.1	90

176	A novel regulatory protein governing biofilm formation in Bacillus subtilis. *Molecular Microbiology*, **2008**, 68, 1117-27	4.1	111
175	A novel pathway of intercellular signalling in Bacillus subtilis involves a protein with similarity to a component of type III secretion channels. *Molecular Microbiology*, **2008**, 69, 402-17	4.1	81
174	ATP-driven self-assembly of a morphogenetic protein in Bacillus subtilis. *Molecular Cell*, **2008**, 31, 406-14	17.6	60
173	Ecology and genomics of Bacillus subtilis. *Trends in Microbiology*, **2008**, 16, 269-75	12.4	290
172	Control of cell fate by the formation of an architecturally complex bacterial community. *Genes and Development*, **2008**, 22, 945-53	12.6	374
171	Stochasticity and cell fate. *Science*, **2008**, 320, 65-8	33.3	459
170	Parallel pathways of repression and antirepression governing the transition to stationary phase in Bacillus subtilis. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 15547-52	11.5	59
169	Polar localization and compartmentalization of ClpP proteases during growth and sporulation in Bacillus subtilis. *Journal of Bacteriology*, **2008**, 190, 6749-57	3.5	34
168	Bistability and biofilm formation in Bacillus subtilis. *Molecular Microbiology*, **2008**, 67, 254-63	4.1	248
167	Engulfment during sporulation in Bacillus subtilis is governed by a multi-protein complex containing tandemly acting autolysins. *Molecular Microbiology*, **2007**, 64, 139-52	4.1	47
166	Bacillus subtilis genome diversity. *Journal of Bacteriology*, **2007**, 189, 1163-70	3.5	85
165	gerT, a newly discovered germination gene under the control of the sporulation transcription factor sigmaK in Bacillus subtilis. *Journal of Bacteriology*, **2007**, 189, 7681-9	3.5	14
164	Thinking about Bacillus subtilis as a multicellular organism. *Current Opinion in Microbiology*, **2007**, 10, 638-43	7.9	177
163	Evidence for a novel protease governing regulated intramembrane proteolysis and resistance to antimicrobial peptides in Bacillus subtilis. *Genes and Development*, **2006**, 20, 1911-22	12.6	106
162	Genes for small, noncoding RNAs under sporulation control in Bacillus subtilis. *Journal of Bacteriology*, **2006**, 188, 532-41	3.5	88
161	A three-protein signaling pathway governing immunity to a bacterial cannibalism toxin. *Cell*, **2006**, 124, 549-59	56.2	144
160	Bacterially speaking. *Cell*, **2006**, 125, 237-46	56.2	797
159	The forespore line of gene expression in Bacillus subtilis. *Journal of Molecular Biology*, **2006**, 358, 16-37	6.5	210

158	Targets of the master regulator of biofilm formation in Bacillus subtilis. *Molecular Microbiology*, **2006**, 59, 1216-28	4.1	227
157	A major protein component of the Bacillus subtilis biofilm matrix. *Molecular Microbiology*, **2006**, 59, 1229-38	4.1	496
156	Bistability in bacteria. *Molecular Microbiology*, **2006**, 61, 564-72	4.1	535
155	Peptide anchoring spore coat assembly to the outer forespore membrane in Bacillus subtilis. *Molecular Microbiology*, **2006**, 62, 1547-57	4.1	84
154	Defining a centromere-like element in Bacillus subtilis by Identifying the binding sites for the chromosome-anchoring protein RacA. *Molecular Cell*, **2005**, 17, 773-82	17.6	80
153	Developmental commitment in a bacterium. *Cell*, **2005**, 121, 401-9	56.2	81
152	A master regulator for biofilm formation by Bacillus subtilis. *Molecular Microbiology*, **2005**, 55, 739-49	4.1	430
151	Genetic dissection of the sporulation protein SpoIIE and its role in asymmetric division in Bacillus subtilis. *Journal of Bacteriology*, **2005**, 187, 3511-20	3.5	25
150	High- and low-threshold genes in the Spo0A regulon of Bacillus subtilis. *Journal of Bacteriology*, **2005**, 187, 1357-68	3.5	310
149	Cell population heterogeneity during growth of Bacillus subtilis. *Genes and Development*, **2005**, 19, 3083-94	12.6	263
148	Evidence that entry into sporulation in Bacillus subtilis is governed by a gradual increase in the level and activity of the master regulator Spo0A. *Genes and Development*, **2005**, 19, 2236-44	12.6	220
147	Insulation of the sigmaF regulatory system in Bacillus subtilis. *Journal of Bacteriology*, **2004**, 186, 4390-4	3.5	6
146	Genes involved in formation of structured multicellular communities by Bacillus subtilis. *Journal of Bacteriology*, **2004**, 186, 3970-9	3.5	214
145	Dynamic patterns of subcellular protein localization during spore coat morphogenesis in Bacillus subtilis. *Journal of Bacteriology*, **2004**, 186, 4441-8	3.5	47
144	A threshold mechanism governing activation of the developmental regulatory protein sigma F in Bacillus subtilis. *Journal of Biological Chemistry*, **2004**, 279, 14860-70	5.4	33
143	Genes governing swarming in Bacillus subtilis and evidence for a phase variation mechanism controlling surface motility. *Molecular Microbiology*, **2004**, 52, 357-69	4.1	218
142	The program of gene transcription for a single differentiating cell type during sporulation in Bacillus subtilis. *PLoS Biology*, **2004**, 2, e328	9.7	276
141	The master regulator for entry into sporulation in Bacillus subtilis becomes a cell-specific transcription factor after asymmetric division. *Genes and Development*, **2003**, 17, 1166-74	12.6	68

140	Swarming motility in undomesticated Bacillus subtilis. *Molecular Microbiology*, **2003**, 49, 581-90	4.1	369
139	The Spo0A regulon of Bacillus subtilis. *Molecular Microbiology*, **2003**, 50, 1683-701	4.1	392
138	Cannibalism by sporulating bacteria. *Science*, **2003**, 301, 510-3	33.3	434
137	The sigmaE regulon and the identification of additional sporulation genes in Bacillus subtilis. *Journal of Molecular Biology*, **2003**, 327, 945-72	6.5	196
136	RacA, a bacterial protein that anchors chromosomes to the cell poles. *Science*, **2003**, 299, 532-6	33.3	250
135	Subcellular localization of a small sporulation protein in Bacillus subtilis. *Journal of Bacteriology*, **2003**, 185, 1391-8	3.5	50
134	Additional targets of the Bacillus subtilis global regulator CodY identified by chromatin immunoprecipitation and genome-wide transcript analysis. *Journal of Bacteriology*, **2003**, 185, 1911-22	3.5	233
133	An investigation into the compartmentalization of the sporulation transcription factor sigmaE in Bacillus subtilis. *Molecular Microbiology*, **2002**, 43, 27-38	4.1	82
132	A widely conserved bacterial cell division protein that promotes assembly of the tubulin-like protein FtsZ. *Genes and Development*, **2002**, 16, 2544-56	12.6	292
131	A sporulation membrane protein tethers the pro-sigmaK processing enzyme to its inhibitor and dictates its subcellular localization. *Genes and Development*, **2002**, 16, 1007-18	12.6	99
130	FtsA mutants of Bacillus subtilis impaired in sporulation. *Journal of Bacteriology*, **2002**, 184, 3856-63	3.5	17
129	Does RNA polymerase help drive chromosome segregation in bacteria?. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 14089-94	11.5	108
128	Genome-wide analysis of the stationary-phase sigma factor (sigma-H) regulon of Bacillus subtilis. *Journal of Bacteriology*, **2002**, 184, 4881-90	3.5	257
127	Generating and exploiting polarity in bacteria. *Science*, **2002**, 298, 1942-6	33.3	198
126	Asymmetric cell division in B. subtilis involves a spiral-like intermediate of the cytokinetic protein FtsZ. *Cell*, **2002**, 109, 257-66	56.2	250
125	A three-protein inhibitor of polar septation during sporulation in Bacillus subtilis. *Molecular Microbiology*, **2001**, 42, 1147-62	4.1	73
124	RNA polymerase sigma factor that blocks morphological differentiation by Streptomyces coelicolor. *Journal of Bacteriology*, **2001**, 183, 5991-6	3.5	37
123	Morphological coupling in development: lessons from prokaryotes. *Developmental Cell*, **2001**, 1, 733-42	10.2	81

122	A four-dimensional view of assembly of a morphogenetic protein during sporulation in Bacillus subtilis. *Journal of Bacteriology*, **1999**, 181, 781-90	3.5	61
121	Extracellular complementation and the identification of additional genes involved in aerial mycelium formation in Streptomyces coelicolor. *Genetics*, **1999**, 151, 569-84	4	39
120	Use of time-lapse microscopy to visualize rapid movement of the replication origin region of the chromosome during the cell cycle in Bacillus subtilis. *Molecular Microbiology*, **1998**, 28, 883-92	4.1	173
119	Chromosome arrangement within a bacterium. *Current Biology*, **1998**, 8, 1102-9	6.3	174
118	One for all and all for one. *Science*, **1998**, 280, 226-7	33.3	108
117	Bipolar localization of the replication origin regions of chromosomes in vegetative and sporulating cells of B. subtilis. *Cell*, **1997**, 88, 667-74	56.2	323
116	Localization of the sporulation protein SpoIIE in Bacillus subtilis is dependent upon the cell division protein FtsZ. *Molecular Microbiology*, **1997**, 25, 839-46	4.1	72
115	Localization of the Escherichia coli cell division protein Ftsl (PBP3) to the division site and cell pole. *Molecular Microbiology*, **1997**, 25, 671-81	4.1	95
114	Molecular genetics of sporulation in Bacillus subtilis. *Annual Review of Genetics*, **1996**, 30, 297-41	14.5	543
113	SpoIIAA governs the release of the cell-type specific transcription factor sigma F from its anti-sigma factor SpoIIAB. *Journal of Molecular Biology*, **1996**, 260, 147-64	6.5	104
112	Role of adenosine nucleotides in the regulation of a stress-response transcription factor in Bacillus subtilis. *Journal of Molecular Biology*, **1996**, 260, 165-77	6.5	110
111	Subcellular localization of proteins governing the proteolytic activation of a developmental transcription factor in Bacillus subtilis. *Genes To Cells*, **1996**, 1, 529-42	2.3	87
110	An oligopeptide permease responsible for the import of an extracellular signal governing aerial mycelium formation in Streptomyces coelicolor. *Molecular Microbiology*, **1996**, 22, 881-93	4.1	128
109	Extracellular signal protein triggering the proteolytic activation of a developmental transcription factor in B. subtilis. *Cell*, **1995**, 83, 219-26	56.2	95
108	Growth and viability of Streptomyces coelicolor mutant for the cell division gene ftsZ. *Molecular Microbiology*, **1994**, 14, 243-54	4.1	149
107	An adenosine nucleotide switch controlling the activity of a cell type-specific transcription factor in B. subtilis. *Cell*, **1994**, 77, 195-205	56.2	209
106	An unusually small gene required for sporulation by Bacillus subtilis. *Molecular Microbiology*, **1993**, 9, 761-71	4.1	88
105	Sporulation regulatory protein GerE from Bacillus subtilis binds to and can activate or repress transcription from promoters for mother-cell-specific genes. *Journal of Molecular Biology*, **1992**, 226, 1037-50	6.5	100

104	Crisscross regulation of cell-type-specific gene expression during development in B. subtilis. *Nature* , **1992**, 355, 601-4	50.4	359
103	Characterization of a novel regulatory gene governing the expression of a polyketide synthase gene in Streptomyces ambofaciens. *Molecular Microbiology*, **1992**, 6, 2019-29	4.1	80
102	Sporulation operon spoIVF and the characterization of mutations that uncouple mother-cell from forespore gene expression in Bacillus subtilis. *Journal of Molecular Biology*, **1991**, 221, 1237-56	6.5	128
101	Cascade regulation of spore coat gene expression in Bacillus subtilis. *Journal of Molecular Biology*, **1990**, 212, 645-60	6.5	156
100	A forespore checkpoint for mother cell gene expression during development in B. subtilis. *Cell*, **1990**, 62, 239-50	56.2	175
99	Regulatory studies on the promoter for a gene governing synthesis and assembly of the spore coat in Bacillus subtilis. *Journal of Molecular Biology*, **1989**, 207, 393-404	6.5	110
98	Identification of the promoter for a spore coat protein gene in Bacillus subtilis and studies on the regulation of its induction at a late stage of sporulation. *Journal of Molecular Biology*, **1988**, 200, 461-73	6.5	112
97	Genes encoding spore coat polypeptides from Bacillus subtilis. *Journal of Molecular Biology*, **1987**, 196, 1-10	6.5	170
96	Genetic analysis of Bacillus subtilis spo mutations generated by Tn917-mediated insertional mutagenesis. *Genetics*, **1987**, 117, 603-17	4	117
95	Regulation of a promoter that is utilized by minor forms of RNA polymerase holoenzyme in Bacillus subtilis. *Journal of Molecular Biology*, **1986**, 191, 615-24	6.5	179
94	RNA polymerase heterogeneity in Streptomyces coelicolor. *Nature*, **1985**, 313, 22-7	50.4	158
93	A novel method for the rapid cloning in Escherichia coli of Bacillus subtilis chromosomal DNA adjacent to Tn917 insertions. *Molecular Genetics and Genomics*, **1984**, 195, 424-33		211
92	Construction of a cloning site near one end of Tn917 into which foreign DNA may be inserted without affecting transposition in Bacillus subtilis or expression of the transposon-borne erm gene. *Plasmid*, **1984**, 12, 1-9	3.3	334
91	A promoter whose utilization is temporally regulated during sporulation in Bacillus subtilis. *Journal of Molecular Biology*, **1984**, 176, 333-48	6.5	33
90	Use of a lacZ fusion to study the role of the spoO genes of Bacillus subtilis in developmental regulation. *Cell*, **1983**, 35, 275-83	56.2	185
89	Two RNA polymerase sigma factors from Bacillus subtilis discriminate between overlapping promoters for a developmentally regulated gene. *Nature*, **1983**, 302, 800-4	50.4	205
88	Nucleotide sequences that signal the initiation of transcription and translation in Bacillus subtilis. *Molecular Genetics and Genomics*, **1982**, 186, 339-46		698
87	A sporulation-induced sigma-like regulatory protein from B. subtilis. *Cell*, **1981**, 23, 615-24	56.2	147

86	Cascades of Sigma factors. *Cell*, **1981**, 25, 582-4	56.2	417
85	Promoter for a developmentally regulated gene in Bacillus subtilis. *Cell*, **1981**, 25, 783-91	56.2	102
84	A modified RNA polymerase transcribes a cloned gene under sporulation control in Bacillus subtilis. *Nature*, **1979**, 282, 256-60	50.4	129
83	Cloned Bacillus subtilis DNA containing a gene that is activated early during sporulation. *Cell*, **1977**, 11, 751-61	56.2	99
82	The program of protein synthesis during sporulation in Bacillus subtilis. *Cell*, **1976**, 8, 103-14	56.2	58
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