

# Richard Losick

## List of Publications by Citations

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283  
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29,952  
ext. citations

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#	Paper	IF	Citations
283	Bacterially speaking. <i>Cell</i> , <b>2006</b> , 125, 237-46	56.2	797
282	Nucleotide sequences that signal the initiation of transcription and translation in <i>Bacillus subtilis</i> . <i>Molecular Genetics and Genomics</i> , <b>1982</b> , 186, 339-46		698
281	Sticking together: building a biofilm the <i>Bacillus subtilis</i> way. <i>Nature Reviews Microbiology</i> , <b>2013</b> , 11, 157-68	22.2	606
280	D-amino acids trigger biofilm disassembly. <i>Science</i> , <b>2010</b> , 328, 627-9	33.3	595
279	Molecular genetics of sporulation in <i>Bacillus subtilis</i> . <i>Annual Review of Genetics</i> , <b>1996</b> , 30, 297-41	14.5	543
278	Bistability in bacteria. <i>Molecular Microbiology</i> , <b>2006</b> , 61, 564-72	4.1	535
277	Amyloid fibers provide structural integrity to <i>Bacillus subtilis</i> biofilms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 2230-4	11.5	526
276	A major protein component of the <i>Bacillus subtilis</i> biofilm matrix. <i>Molecular Microbiology</i> , <b>2006</b> , 59, 1229-38	4.1	496
275	Stochasticity and cell fate. <i>Science</i> , <b>2008</b> , 320, 65-8	33.3	459
274	Cannibalism by sporulating bacteria. <i>Science</i> , <b>2003</b> , 301, 510-3	33.3	434
273	A master regulator for biofilm formation by <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2005</b> , 55, 739-49	4.1	430
272	Cascades of Sigma factors. <i>Cell</i> , <b>1981</b> , 25, 582-4	56.2	417
271	The Spo0A regulon of <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2003</b> , 50, 1683-701	4.1	392
270	Control of cell fate by the formation of an architecturally complex bacterial community. <i>Genes and Development</i> , <b>2008</b> , 22, 945-53	12.6	374
269	Swarming motility in undomesticated <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2003</b> , 49, 581-90	4.1	369
268	Crisscross regulation of cell-type-specific gene expression during development in <i>B. subtilis</i> . <i>Nature</i> , <b>1992</b> , 355, 601-4	50.4	359
267	Construction of a cloning site near one end of Tn917 into which foreign DNA may be inserted without affecting transposition in <i>Bacillus subtilis</i> or expression of the transposon-borne <i>erm</i> gene. <i>Plasmid</i> , <b>1984</b> , 12, 1-9	3.3	334

266	Bacillus subtilis biofilm induction by plant polysaccharides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E1621-30	11.5	324
265	Bipolar localization of the replication origin regions of chromosomes in vegetative and sporulating cells of B. subtilis. <i>Cell</i> , <b>1997</b> , 88, 667-74	56.2	323
264	High- and low-threshold genes in the Spo0A regulon of Bacillus subtilis. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 1357-68	3.5	310
263	Biocontrol of tomato wilt disease by Bacillus subtilis isolates from natural environments depends on conserved genes mediating biofilm formation. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 848-864	5.2	296
262	A widely conserved bacterial cell division protein that promotes assembly of the tubulin-like protein FtsZ. <i>Genes and Development</i> , <b>2002</b> , 16, 2544-56	12.6	292
261	Ecology and genomics of Bacillus subtilis. <i>Trends in Microbiology</i> , <b>2008</b> , 16, 269-75	12.4	290
260	The program of gene transcription for a single differentiating cell type during sporulation in Bacillus subtilis. <i>PLoS Biology</i> , <b>2004</b> , 2, e328	9.7	276
259	Cell population heterogeneity during growth of Bacillus subtilis. <i>Genes and Development</i> , <b>2005</b> , 19, 3083-94	12.6	263
258	Structurally diverse natural products that cause potassium leakage trigger multicellularity in Bacillus subtilis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 280-5	11.5	260
257	Genome-wide analysis of the stationary-phase sigma factor (sigma-H) regulon of Bacillus subtilis. <i>Journal of Bacteriology</i> , <b>2002</b> , 184, 4881-90	3.5	257
256	RacA, a bacterial protein that anchors chromosomes to the cell poles. <i>Science</i> , <b>2003</b> , 299, 532-6	33.3	250
255	Asymmetric cell division in B. subtilis involves a spiral-like intermediate of the cytokinetic protein FtsZ. <i>Cell</i> , <b>2002</b> , 109, 257-66	56.2	250
254	Bistability and biofilm formation in Bacillus subtilis. <i>Molecular Microbiology</i> , <b>2008</b> , 67, 254-63	4.1	248
253	Additional targets of the Bacillus subtilis global regulator CodY identified by chromatin immunoprecipitation and genome-wide transcript analysis. <i>Journal of Bacteriology</i> , <b>2003</b> , 185, 1911-22	3.5	233
252	Targets of the master regulator of biofilm formation in Bacillus subtilis. <i>Molecular Microbiology</i> , <b>2006</b> , 59, 1216-28	4.1	227
251	Evidence that entry into sporulation in Bacillus subtilis is governed by a gradual increase in the level and activity of the master regulator Spo0A. <i>Genes and Development</i> , <b>2005</b> , 19, 2236-44	12.6	220
250	Genes governing swarming in Bacillus subtilis and evidence for a phase variation mechanism controlling surface motility. <i>Molecular Microbiology</i> , <b>2004</b> , 52, 357-69	4.1	218
249	Genes involved in formation of structured multicellular communities by Bacillus subtilis. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 3970-9	3.5	214

248	A novel method for the rapid cloning in <i>Escherichia coli</i> of <i>Bacillus subtilis</i> chromosomal DNA adjacent to Tn917 insertions. <i>Molecular Genetics and Genomics</i> , <b>1984</b> , 195, 424-33		211
247	The forespore line of gene expression in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>2006</b> , 358, 16-37	6.5	210
246	An adenosine nucleotide switch controlling the activity of a cell type-specific transcription factor in <i>B. subtilis</i> . <i>Cell</i> , <b>1994</b> , 77, 195-205	56.2	209
245	Two RNA polymerase sigma factors from <i>Bacillus subtilis</i> discriminate between overlapping promoters for a developmentally regulated gene. <i>Nature</i> , <b>1983</b> , 302, 800-4	50.4	205
244	Generating and exploiting polarity in bacteria. <i>Science</i> , <b>2002</b> , 298, 1942-6	33.3	198
243	The sigmaE regulon and the identification of additional sporulation genes in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>2003</b> , 327, 945-72	6.5	196
242	Inhibitory effects of D-amino acids on <i>Staphylococcus aureus</i> biofilm development. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 5616-22	3.5	192
241	Negative membrane curvature as a cue for subcellular localization of a bacterial protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13541-5	11.5	188
240	Use of a lacZ fusion to study the role of the spoO genes of <i>Bacillus subtilis</i> in developmental regulation. <i>Cell</i> , <b>1983</b> , 35, 275-83	56.2	185
239	Change in the template specificity of RNA polymerase during sporulation of <i>Bacillus subtilis</i> . <i>Nature</i> , <b>1969</b> , 224, 35-7	50.4	185
238	Regulation of a promoter that is utilized by minor forms of RNA polymerase holoenzyme in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>1986</b> , 191, 615-24	6.5	179
237	Thinking about <i>Bacillus subtilis</i> as a multicellular organism. <i>Current Opinion in Microbiology</i> , <b>2007</b> , 10, 638-43	7.9	177
236	A forespore checkpoint for mother cell gene expression during development in <i>B. subtilis</i> . <i>Cell</i> , <b>1990</b> , 62, 239-50	56.2	175
235	Chromosome arrangement within a bacterium. <i>Current Biology</i> , <b>1998</b> , 8, 1102-9	6.3	174
234	Use of time-lapse microscopy to visualize rapid movement of the replication origin region of the chromosome during the cell cycle in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>1998</b> , 28, 883-92	4.1	173
233	Genes encoding spore coat polypeptides from <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>1987</b> , 196, 1-10	6.5	170
232	Memory and modularity in cell-fate decision making. <i>Nature</i> , <b>2013</b> , 503, 481-486	50.4	167
231	Geometric cue for protein localization in a bacterium. <i>Science</i> , <b>2009</b> , 323, 1354-7	33.3	163

230	RNA polymerase heterogeneity in <i>Streptomyces coelicolor</i> . <i>Nature</i> , <b>1985</b> , 313, 22-7	50.4	158
229	An accessory protein required for anchoring and assembly of amyloid fibres in <i>B. subtilis</i> biofilms. <i>Molecular Microbiology</i> , <b>2011</b> , 80, 1155-68	4.1	157
228	A <i>Bacillus subtilis</i> sensor kinase involved in triggering biofilm formation on the roots of tomato plants. <i>Molecular Microbiology</i> , <b>2012</b> , 85, 418-30	4.1	156
227	Paracrine signaling in a bacterium. <i>Genes and Development</i> , <b>2009</b> , 23, 1631-8	12.6	156
226	Cascade regulation of spore coat gene expression in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>1990</b> , 212, 645-60	6.5	156
225	Tracing the domestication of a biofilm-forming bacterium. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 2027-34	3.5	150
224	Growth and viability of <i>Streptomyces coelicolor</i> mutant for the cell division gene <i>ftsZ</i> . <i>Molecular Microbiology</i> , <b>1994</b> , 14, 243-54	4.1	149
223	A sporulation-induced sigma-like regulatory protein from <i>B. subtilis</i> . <i>Cell</i> , <b>1981</b> , 23, 615-24	56.2	147
222	A three-protein signaling pathway governing immunity to a bacterial cannibalism toxin. <i>Cell</i> , <b>2006</b> , 124, 549-59	56.2	144
221	Cannibalism enhances biofilm development in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2009</b> , 74, 609-18	4.1	142
220	Protein subcellular localization in bacteria. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2010</b> , 2, a000307	10.2	138
219	A self-produced trigger for biofilm disassembly that targets exopolysaccharide. <i>Cell</i> , <b>2012</b> , 149, 684-92	56.2	131
218	An epigenetic switch governing daughter cell separation in <i>Bacillus subtilis</i> . <i>Genes and Development</i> , <b>2010</b> , 24, 754-65	12.6	131
217	A modified RNA polymerase transcribes a cloned gene under sporulation control in <i>Bacillus subtilis</i> . <i>Nature</i> , <b>1979</b> , 282, 256-60	50.4	129
216	An oligopeptide permease responsible for the import of an extracellular signal governing aerial mycelium formation in <i>Streptomyces coelicolor</i> . <i>Molecular Microbiology</i> , <b>1996</b> , 22, 881-93	4.1	128
215	Sporulation operon <i>spoIVF</i> and the characterization of mutations that uncouple mother-cell from forespore gene expression in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>1991</b> , 221, 1237-56	6.5	128
214	D-amino acids indirectly inhibit biofilm formation in <i>Bacillus subtilis</i> by interfering with protein synthesis. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 5391-5	3.5	126
213	Integrational Vectors for Genetic Manipulation in <i>Bacillus subtilis</i> <b>2014</b> , 615-624		119

212	The extracellular matrix of <i>Staphylococcus aureus</i> biofilms comprises cytoplasmic proteins that associate with the cell surface in response to decreasing pH. <i>MBio</i> , <b>2014</b> , 5, e01667-14	7.8	118
211	Genetic analysis of <i>Bacillus subtilis</i> spo mutations generated by Tn917-mediated insertional mutagenesis. <i>Genetics</i> , <b>1987</b> , 117, 603-17	4	117
210	Identification of the promoter for a spore coat protein gene in <i>Bacillus subtilis</i> and studies on the regulation of its induction at a late stage of sporulation. <i>Journal of Molecular Biology</i> , <b>1988</b> , 200, 461-73	6.5	112
209	A novel regulatory protein governing biofilm formation in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2008</b> , 68, 1117-27	4.1	111
208	Role of adenosine nucleotides in the regulation of a stress-response transcription factor in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>1996</b> , 260, 165-77	6.5	110
207	Regulatory studies on the promoter for a gene governing synthesis and assembly of the spore coat in <i>Bacillus subtilis</i> . <i>Journal of Molecular Biology</i> , <b>1989</b> , 207, 393-404	6.5	110
206	Does RNA polymerase help drive chromosome segregation in bacteria?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 14089-94	11.5	108
205	One for all and all for one. <i>Science</i> , <b>1998</b> , 280, 226-7	33.3	108
204	Sporulation Genes and Intercompartmental Regulation	483-517	108
203	Synthesis and activity of biomimetic biofilm disruptors. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2927-30	16.4	106
202	Evidence for a novel protease governing regulated intramembrane proteolysis and resistance to antimicrobial peptides in <i>Bacillus subtilis</i> . <i>Genes and Development</i> , <b>2006</b> , 20, 1911-22	12.6	106
201	Stochastic Switching of Cell Fate in Microbes. <i>Annual Review of Microbiology</i> , <b>2015</b> , 69, 381-403	17.5	105
200	Galactose metabolism plays a crucial role in biofilm formation by <i>Bacillus subtilis</i> . <i>MBio</i> , <b>2012</b> , 3, e00184-12	7.8	105
199	SpolI <sup>AA</sup> governs the release of the cell-type specific transcription factor sigma F from its anti-sigma factor SpolI <sup>AB</sup> . <i>Journal of Molecular Biology</i> , <b>1996</b> , 260, 147-64	6.5	104
198	Promoter for a developmentally regulated gene in <i>Bacillus subtilis</i> . <i>Cell</i> , <b>1981</b> , 25, 783-91	56.2	102
197	A feeding tube model for activation of a cell-specific transcription factor during sporulation in <i>Bacillus subtilis</i> . <i>Genes and Development</i> , <b>2009</b> , 23, 1014-24	12.6	100
196	Sporulation regulatory protein GerE from <i>Bacillus subtilis</i> binds to and can activate or repress transcription from promoters for mother-cell-specific genes. <i>Journal of Molecular Biology</i> , <b>1992</b> , 226, 1037-50	6.5	100
195	A sporulation membrane protein tethers the pro-sigmaK processing enzyme to its inhibitor and dictates its subcellular localization. <i>Genes and Development</i> , <b>2002</b> , 16, 1007-18	12.6	99

194	Cloned <i>Bacillus subtilis</i> DNA containing a gene that is activated early during sporulation. <i>Cell</i> , <b>1977</b> , 11, 751-61	56.2	99
193	Respiration control of multicellularity in <i>Bacillus subtilis</i> by a complex of the cytochrome chain with a membrane-embedded histidine kinase. <i>Genes and Development</i> , <b>2013</b> , 27, 887-99	12.6	95
192	Localization of the <i>Escherichia coli</i> cell division protein FtsI (PBP3) to the division site and cell pole. <i>Molecular Microbiology</i> , <b>1997</b> , 25, 671-81	4.1	95
191	Extracellular signal protein triggering the proteolytic activation of a developmental transcription factor in <i>B. subtilis</i> . <i>Cell</i> , <b>1995</b> , 83, 219-26	56.2	95
190	Peptide inhibitor of cytokinesis during sporulation in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2008</b> , 68, 588-99	4.1	90
189	Genes for small, noncoding RNAs under sporulation control in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 532-41	3.5	88
188	An unusually small gene required for sporulation by <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>1993</b> , 9, 761-71	4.1	88
187	Subcellular localization of proteins governing the proteolytic activation of a developmental transcription factor in <i>Bacillus subtilis</i> . <i>Genes To Cells</i> , <b>1996</b> , 1, 529-42	2.3	87
186	A widely conserved gene cluster required for lactate utilization in <i>Bacillus subtilis</i> and its involvement in biofilm formation. <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 2423-30	3.5	86
185	Spatial regulation of histidine kinases governing biofilm formation in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 679-85	3.5	85
184	<i>Bacillus subtilis</i> genome diversity. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1163-70	3.5	85
183	Peptide anchoring spore coat assembly to the outer forespore membrane in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2006</b> , 62, 1547-57	4.1	84
182	Evidence for cyclic Di-GMP-mediated signaling in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 5080-90	3.9	82
181	An investigation into the compartmentalization of the sporulation transcription factor sigmaE in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2002</b> , 43, 27-38	4.1	82
180	A novel pathway of intercellular signalling in <i>Bacillus subtilis</i> involves a protein with similarity to a component of type III secretion channels. <i>Molecular Microbiology</i> , <b>2008</b> , 69, 402-17	4.1	81
179	Developmental commitment in a bacterium. <i>Cell</i> , <b>2005</b> , 121, 401-9	56.2	81
178	Morphological coupling in development: lessons from prokaryotes. <i>Developmental Cell</i> , <b>2001</b> , 1, 733-42	10.2	81
177	Defining a centromere-like element in <i>Bacillus subtilis</i> by identifying the binding sites for the chromosome-anchoring protein RacA. <i>Molecular Cell</i> , <b>2005</b> , 17, 773-82	17.6	80

176	Characterization of a novel regulatory gene governing the expression of a polyketide synthase gene in <i>Streptomyces ambofaciens</i> . <i>Molecular Microbiology</i> , <b>1992</b> , 6, 2019-29	4.1	80
175	KinD is a checkpoint protein linking spore formation to extracellular-matrix production in <i>Bacillus subtilis</i> biofilms. <i>MBio</i> , <b>2010</b> , 1,	7.8	77
174	An Electrostatic Net Model for the Role of Extracellular DNA in Biofilm Formation by <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , <b>2015</b> , 197, 3779-87	3.5	76
173	Interspecies interactions that result in <i>Bacillus subtilis</i> forming biofilms are mediated mainly by members of its own genus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1236-43	11.5	75
172	Spore Germination and Outgrowth <b>2014</b> , 537-548		73
171	A three-protein inhibitor of polar septation during sporulation in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2001</b> , 42, 1147-62	4.1	73
170	RNA Polymerase and Sigma Factors <b>2014</b> , 287-312		72
169	Localization of the sporulation protein SpoIIIE in <i>Bacillus subtilis</i> is dependent upon the cell division protein FtsZ. <i>Molecular Microbiology</i> , <b>1997</b> , 25, 839-46	4.1	72
168	Systematics and Ecology of <i>Bacillus</i> <b>2014</b> , 1-16		70
167	The master regulator for entry into sporulation in <i>Bacillus subtilis</i> becomes a cell-specific transcription factor after asymmetric division. <i>Genes and Development</i> , <b>2003</b> , 17, 1166-74	12.6	68
166	The biocide chlorine dioxide stimulates biofilm formation in <i>Bacillus subtilis</i> by activation of the histidine kinase KinC. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 6352-6	3.5	66
165	Carbohydrate Uptake and Metabolism <b>2014</b> , 129-150		64
164	Evidence that metabolism and chromosome copy number control mutually exclusive cell fates in <i>Bacillus subtilis</i> . <i>EMBO Journal</i> , <b>2011</b> , 30, 1402-13	13	62
163	Self-regulation of exopolysaccharide production in <i>Bacillus subtilis</i> by a tyrosine kinase. <i>Genes and Development</i> , <b>2014</b> , 28, 1710-20	12.6	61
162	Paralogous antirepressors acting on the master regulator for biofilm formation in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2009</b> , 74, 876-87	4.1	61
161	A four-dimensional view of assembly of a morphogenetic protein during sporulation in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 781-90	3.5	61
160	Purification and Properties of the Sigma Subunit of Ribonucleic Acid Polymerase from Vegetative <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , <b>1973</b> , 248, 6163-6169	5.4	61
159	ATP-driven self-assembly of a morphogenetic protein in <i>Bacillus subtilis</i> . <i>Molecular Cell</i> , <b>2008</b> , 31, 406-14	7.6	60

158	General Stress Response369-384		60
157	Small genes under sporulation control in the <i>Bacillus subtilis</i> genome. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 5402-12	3.5	59
156	Parallel pathways of repression and antirepression governing the transition to stationary phase in <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15547-52	11.5	59
155	Mechanism of epsilon-15 conversion studies with a bacterial mutant. <i>Journal of Molecular Biology</i> , <b>1967</b> , 30, 445-55	6.5	59
154	Genome-wide screen for genes involved in eDNA release during biofilm formation by. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E5969-E5978	11.5	58
153	The program of protein synthesis during sporulation in <i>Bacillus subtilis</i> . <i>Cell</i> , <b>1976</b> , 8, 103-14	56.2	58
152	Functional analysis of the accessory protein TapA in <i>Bacillus subtilis</i> amyloid fiber assembly. <i>Journal of Bacteriology</i> , <b>2014</b> , 196, 1505-13	3.5	57
151	Reversal of an epigenetic switch governing cell chaining in <i>Bacillus subtilis</i> by protein instability. <i>Molecular Microbiology</i> , <b>2010</b> , 78, 218-29	4.1	57
150	A serine sensor for multicellularity in a bacterium. <i>ELife</i> , <b>2013</b> , 2, e01501	8.9	56
149	Structure and Synthesis of Cell Wall, Spore Cortex, Teichoic Acids, S-Layers, and Capsules <b>2014</b> , 21-41		55
148	Two-Component Systems, Phosphorelays, and Regulation of Their Activities by Phosphatases473-481		55
147	Regulatory gene 28 of bacteriophage SPO1 codes for a phage-induced subunit of RNA polymerase. <i>Journal of Molecular Biology</i> , <b>1976</b> , 101, 427-33	6.5	53
146	Alternative modes of biofilm formation by plant-associated <i>Bacillus cereus</i> . <i>MicrobiologyOpen</i> , <b>2015</b> , 4, 452-64	3.4	52
145	Subcellular localization of a small sporulation protein in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>2003</b> , 185, 1391-8	3.5	50
144	Osmotic pressure can regulate matrix gene expression in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>2012</b> , 86, 426-36	4.1	48
143	Engulfment during sporulation in <i>Bacillus subtilis</i> is governed by a multi-protein complex containing tandemly acting autolysins. <i>Molecular Microbiology</i> , <b>2007</b> , 64, 139-52	4.1	47
142	Dynamic patterns of subcellular protein localization during spore coat morphogenesis in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 4441-8	3.5	47
141	New RNA polymerase from <i>Bacillus subtilis</i> infected with phage PBS2. <i>Nature</i> , <b>1974</b> , 252, 21-4	50.4	45

140	A Gene Odyssey: Exploring the Genomes of Endospore-Forming Bacteria	519-525		43
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102	The Krebs Citric Acid Cycle181-197		26
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