

# Philippe Glaser

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147  
papers

15,224  
citations

57  
h-index

123  
g-index

160  
ext. papers

17,031  
ext. citations

7  
avg. IF

5.53  
L-index

#	Paper	IF	Citations
147	Specificities and Commonalities of Carbapenemase-Producing <i>Escherichia coli</i> Isolated in France from 2012 to 2015.. <i>MSystems</i> , <b>2022</b> , e0116921	7.6	0
146	Evolution of VIM-1-Producing <i>Klebsiella pneumoniae</i> Isolates from a Hospital Outbreak Reveals the Genetic Bases of the Loss of the Urease-Positive Identification Character. <i>MSystems</i> , <b>2021</b> , 6, e0024421	7.6	0
145	Drivers of ESBL-producing dynamics in calf fattening farms: A modelling study. <i>One Health</i> , <b>2021</b> , 12, 100238	7.6	2
144	CRISPR Typing Increases the Discriminatory Power of Typing Methods. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 675597	5.7	1
143	NAD <sup>+</sup> pool depletion as a signal for the Rex regulon involved in <i>Streptococcus agalactiae</i> virulence. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009791	7.6	0
142	Towards the sustainable discovery and development of new antibiotics. <i>Nature Reviews Chemistry</i> , <b>2021</b> , 1-24	34.6	77
141	The CovR regulatory network drives the evolution of Group B <i>Streptococcus</i> virulence. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009761	6	4
140	Concomitant carriage of KPC-producing and non-KPC-producing <i>Klebsiella pneumoniae</i> ST512 within a single patient. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 2087-2092	5.1	5
139	A single <i>Proteus mirabilis</i> lineage from human and animal sources: a hidden reservoir of OXA-23 or OXA-58 carbapenemases in Enterobacterales. <i>Scientific Reports</i> , <b>2020</b> , 10, 9160	4.9	7
138	Dynamics of livestock-associated methicillin resistant <i>Staphylococcus aureus</i> in pig movement networks: Insight from mathematical modeling and French data. <i>Epidemics</i> , <b>2020</b> , 31, 100389	5.1	5
137	Antibiotic resistance: turning evolutionary principles into clinical reality. <i>FEMS Microbiology Reviews</i> , <b>2020</b> , 44, 171-188	15.1	65
136	Stepwise evolution and convergent recombination underlie the global dissemination of carbapenemase-producing <i>Escherichia coli</i> . <i>Genome Medicine</i> , <b>2020</b> , 12, 10	14.4	17
135	Emergence of New Non-Clonal Group 258 High-Risk Clones among <i>Klebsiella pneumoniae</i> Carbapenemase-Producing K. pneumoniae Isolates, France. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 1212-1220	10.2	16
134	Diversity of mucooid to non-mucooid switch among carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>BMC Microbiology</i> , <b>2020</b> , 20, 325	4.5	6
133	SME-4-producing <i>Serratia marcescens</i> from Argentina belonging to clade 2 of the <i>S. marcescens</i> phylogeny. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2019</b> , 74, 1836-1841	5.1	7
132	Conserved and specific features of <i>Streptococcus pyogenes</i> and <i>Streptococcus agalactiae</i> transcriptional landscapes. <i>BMC Genomics</i> , <b>2019</b> , 20, 236	4.5	11
131	Molecular epidemiology of invasive and non-invasive group B <i>Streptococcus</i> circulating in Serbia. <i>International Journal of Medical Microbiology</i> , <b>2019</b> , 309, 19-25	3.7	13

130	Long-lasting successful dissemination of resistance to oxazolidinones in MDR <i>Staphylococcus epidermidis</i> clinical isolates in a tertiary care hospital in France. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 41-51	5.1	21
129	A 4.5-Year Within-Patient Evolution of a Colistin-Resistant <i>Klebsiella pneumoniae</i> Carbapenemase-Producing K. pneumoniae Sequence Type 258. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 67, 1388-1394	11.6	25
128	Demographic fluctuation of community-acquired antibiotic-resistant <i>Staphylococcus aureus</i> lineages: potential role of flimsy antibiotic exposure. <i>ISME Journal</i> , <b>2018</b> , 12, 1879-1894	11.9	6
127	CTX-M-15-Producing <i>Shewanella</i> Species Clinical Isolate Expressing OXA-535, a Chromosome-Encoded OXA-48 Variant, Putative Progenitor of the Plasmid-Encoded OXA-436. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	17
126	Transcriptional Landscape of a Plasmid and Response to Imipenem Exposure in TOP10. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2929	5.7	6
125	Inference of Significant Microbial Interactions From Longitudinal Metagenomics Data. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2319	5.7	11
124	A clone of the emergent <i>Streptococcus pyogenes</i> emm89 clade responsible for a large outbreak in a post-surgery oncology unit in France. <i>Medical Microbiology and Immunology</i> , <b>2018</b> , 207, 287-296	4	7
123	Serum resistance and phase variation of a nasopharyngeal non-typeable <i>Haemophilus influenzae</i> isolate. <i>International Journal of Medical Microbiology</i> , <b>2017</b> , 307, 139-146	3.7	7
122	Parallel Evolution of Group B Hypervirulent Clonal Complex 17 Unveils New Pathoadaptive Mutations. <i>MSystems</i> , <b>2017</b> , 2,	7.6	22
121	OXA-244-Producing <i>Escherichia coli</i> Isolates, a Challenge for Clinical Microbiology Laboratories. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	34
120	Chromosomal Amplification of the blaOXA-58 Carbapenemase Gene in a <i>Proteus mirabilis</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	30
119	High third-generation cephalosporin resistant Enterobacteriaceae prevalence rate among neonatal infections in Dakar, Senegal. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 587	4	17
118	Streptococcal group B integrative and mobilizable element IMESag-rpsI encodes a functional relaxase involved in its transfer. <i>Open Biology</i> , <b>2016</b> , 6,	7	6
117	<i>Streptococcus Gallolyticus</i> Subsp. <i>Pasteurianus</i> Infection In A Neonatal Intensive Care Unit. <i>Pediatric Infectious Disease Journal</i> , <b>2016</b> , 35, 1272-1275	3.4	7
116	Demography and Intercontinental Spread of the USA300 Community-Acquired Methicillin-Resistant <i>Staphylococcus aureus</i> Lineage. <i>MBio</i> , <b>2016</b> , 7, e02183-15	7.8	64
115	Persistence of a dominant bovine lineage of group B <i>Streptococcus</i> reveals genomic signatures of host adaptation. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 4216-4229	5.2	29
114	Multiple major disease-associated clones of <i>Legionella pneumophila</i> have emerged recently and independently. <i>Genome Research</i> , <b>2016</b> , 26, 1555-1564	9.7	48
113	Host specificity in the diversity and transfer of lsa resistance genes in group B <i>Streptococcus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 3205-13	5.1	13

112	Single nucleotide resolution RNA-seq uncovers new regulatory mechanisms in the opportunistic pathogen <i>Streptococcus agalactiae</i> . <i>BMC Genomics</i> , <b>2015</b> , 16, 419	4.5	33
111	Whole-Genome Comparison Uncovers Genomic Mutations between Group B Streptococci Sampled from Infected Newborns and Their Mothers. <i>Journal of Bacteriology</i> , <b>2015</b> , 197, 3354-66	3.5	19
110	Analysis of the type II-A CRISPR-Cas system of <i>Streptococcus agalactiae</i> reveals distinctive features according to genetic lineages. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 214	4.5	33
109	Complete Genome Sequence of <i>Streptococcus pyogenes</i> emm28 Clinical Isolate M28PF1, Responsible for a Puerperal Fever. <i>Genome Announcements</i> , <b>2015</b> , 3,		3
108	<i>Streptococcus agalactiae</i> clones infecting humans were selected and fixed through the extensive use of tetracycline. <i>Nature Communications</i> , <b>2014</b> , 5, 4544	17.4	144
107	The diversity of prokaryotic DDE transposases of the mutator superfamily, insertion specificity, and association with conjugation machineries. <i>Genome Biology and Evolution</i> , <b>2014</b> , 6, 260-72	3.9	35
106	Reductive evolution in <i>Streptococcus agalactiae</i> and the emergence of a host adapted lineage. <i>BMC Genomics</i> , <b>2013</b> , 14, 252	4.5	52
105	ICEA of <i>Mycoplasma agalactiae</i> : a new family of self-transmissible integrative elements that confers conjugative properties to the recipient strain. <i>Molecular Microbiology</i> , <b>2013</b> , 89, 1226-39	4.1	37
104	Construction of isogenic mutants in <i>Streptococcus gallolyticus</i> based on the development of new mobilizable vectors. <i>Research in Microbiology</i> , <b>2013</b> , 164, 973-8	4	13
103	Modular evolution of TnGBSs, a new family of integrative and conjugative elements associating insertion sequence transposition, plasmid replication, and conjugation for their spreading. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 1979-90	3.5	36
102	The Abi-domain protein Abx1 interacts with the CovS histidine kinase to control virulence gene expression in group B <i>Streptococcus</i> . <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003179	7.6	33
101	Comparative genomics and transcriptomics of lineages I, II, and III strains of <i>Listeria monocytogenes</i> . <i>BMC Genomics</i> , <b>2012</b> , 13, 144	4.5	60
100	The highly dynamic CRISPR1 system of <i>Streptococcus agalactiae</i> controls the diversity of its mobilome. <i>Molecular Microbiology</i> , <b>2012</b> , 85, 1057-71	4.1	120
99	Capsular switching in group B <i>Streptococcus</i> CC17 hypervirulent clone: a future challenge for polysaccharide vaccine development. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206, 1745-52	7	81
98	Rga, a RofA-like regulator, is the major transcriptional activator of the PI-2a pilus in <i>Streptococcus agalactiae</i> . <i>Microbial Drug Resistance</i> , <b>2012</b> , 18, 286-97	2.9	13
97	Novel clues on the specific association of <i>Streptococcus gallolyticus</i> subsp <i>gallolyticus</i> with colorectal cancer. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 203, 1101-9	7	116
96	Molecular characterization of a <i>Streptococcus gallolyticus</i> genomic island encoding a pilus involved in endocarditis. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 1960-70	7	57
95	Genome sequence of <i>Streptococcus gallolyticus</i> : insights into its adaptation to the bovine rumen and its ability to cause endocarditis. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 2266-76	3.5	103

94	Increased exposure to bacterial antigen RpL7/L12 in early stage colorectal cancer patients. <i>Cancer</i> , <b>2010</b> , 116, 4014-22	6.4	37
93	Surface-exposed histone-like protein a modulates adherence of <i>Streptococcus gallolyticus</i> to colon adenocarcinoma cells. <i>Infection and Immunity</i> , <b>2009</b> , 77, 5519-27	3.7	35
92	Population structure of human isolates of <i>Streptococcus agalactiae</i> from Dakar and Bangui. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 800-3	9.7	20
91	Atypical association of DDE transposition with conjugation specifies a new family of mobile elements. <i>Molecular Microbiology</i> , <b>2009</b> , 71, 948-59	4.1	40
90	Frank Kunst, 1943-2009. <i>Molecular Microbiology</i> , <b>2009</b> , 74, 253-6	4.1	
89	NeMeSys: a biological resource for narrowing the gap between sequence and function in the human pathogen <i>Neisseria meningitidis</i> . <i>Genome Biology</i> , <b>2009</b> , 10, R110	18.3	78
88	Transcriptomic analysis of the exit from dormancy of <i>Aspergillus fumigatus</i> conidia. <i>BMC Genomics</i> , <b>2008</b> , 9, 417	4.5	100
87	Shaping a bacterial genome by large chromosomal replacements, the evolutionary history of <i>Streptococcus agalactiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15961-6	11.5	116
86	A naturally occurring gene amplification leading to sulfonamide and trimethoprim resistance in <i>Streptococcus agalactiae</i> . <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 672-80	3.5	40
85	Integrative conjugative elements and related elements are major contributors to the genome diversity of <i>Streptococcus agalactiae</i> . <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 6913-7	3.5	71
84	Multigenome analysis identifies a worldwide distributed epidemic <i>Legionella pneumophila</i> clone that emerged within a highly diverse species. <i>Genome Research</i> , <b>2008</b> , 18, 431-41	9.7	131
83	Pathogenomics: an updated European Research Agenda. <i>Infection, Genetics and Evolution</i> , <b>2008</b> , 8, 386-94	3.5	6
82	Genetic diversity of <i>Listeria monocytogenes</i> recovered from infected persons and pork, seafood and dairy products on retail sale in France during 2000 and 2001. <i>International Journal of Food Microbiology</i> , <b>2007</b> , 114, 187-94	5.8	32
81	Comparative transcriptome analysis of <i>Listeria monocytogenes</i> strains of the two major lineages reveals differences in virulence, cell wall, and stress response. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 6078-88	4.8	49
80	Microbial genomics. <i>Research in Microbiology</i> , <b>2007</b> , 158, 721-3	4	
79	Pathogenomics of <i>Listeria</i> spp. <i>International Journal of Medical Microbiology</i> , <b>2007</b> , 297, 541-57	3.7	68
78	<i>Listeria</i> Genomics <b>2007</b> , 33-62		1
77	Rapid detection of the "highly virulent" group B <i>Streptococcus</i> ST-17 clone. <i>Microbes and Infection</i> , <b>2006</b> , 8, 1714-22	9.3	86

76	Specific regions of genome plasticity and genetic diversity of the commensal <i>Escherichia coli</i> A034/86. <i>International Journal of Medical Microbiology</i> , <b>2006</b> , 296, 541-6	3.7	7
75	Group B Streptococcus: global incidence and vaccine development. <i>Nature Reviews Microbiology</i> , <b>2006</b> , 4, 932-42	22.2	239
74	Genomic diversity and evolution within the species <i>Streptococcus agalactiae</i> . <i>Microbes and Infection</i> , <b>2006</b> , 8, 1227-43	9.3	153
73	Growth inhibition of <i>Listeria monocytogenes</i> by a nonbacteriocinogenic <i>Carnobacterium piscicola</i> . <i>Journal of Applied Microbiology</i> , <b>2005</b> , 98, 172-83	4.7	59
72	Complete nucleotide sequence of the LE1 prophage from the spirochete <i>Leptospira biflexa</i> and characterization of its replication and partition functions. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 3931-40	3.5	31
71	The SrtA Sortase of <i>Streptococcus agalactiae</i> is required for cell wall anchoring of proteins containing the LPXTG motif, for adhesion to epithelial cells, and for colonization of the mouse intestine. <i>Infection and Immunity</i> , <b>2005</b> , 73, 3342-50	3.7	84
70	Characterization of the flexible genome complement of the commensal <i>Escherichia coli</i> strain A034/86 (O83 : K24 : H31). <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 385-398	2.9	42
69	How seryl-phosphorylated HPr inhibits PrfA, a transcription activator of <i>Listeria monocytogenes</i> virulence genes. <i>Journal of Molecular Microbiology and Biotechnology</i> , <b>2005</b> , 9, 224-34	0.9	53
68	Global analysis of gene expression in an <i>rpoN</i> mutant of <i>Listeria monocytogenes</i> . <i>Microbiology (United Kingdom)</i> , <b>2004</b> , 150, 1581-1590	2.9	77
67	DNA microarray for identification and typing of <i>Staphylococcus aureus</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 2054-64	9.7	35
66	New aspects regarding evolution and virulence of <i>Listeria monocytogenes</i> revealed by comparative genomics and DNA arrays. <i>Infection and Immunity</i> , <b>2004</b> , 72, 1072-83	3.7	244
65	Taxonomic characterization of nine strains isolated from clinical and environmental specimens, and proposal of <i>Corynebacterium tuberculostearicum</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2004</b> , 54, 1055-1061	2.2	30
64	Macro-array and bioinformatic analyses reveal mycobacterial <i>ToreT</i> genes, variation in the ESAT-6 gene family and new phylogenetic markers for the <i>Mycobacterium tuberculosis</i> complex. <i>Microbiology (United Kingdom)</i> , <b>2004</b> , 150, 483-496	2.9	148
63	Sequence and binding activity of the autolysin-adhesin Ami from epidemic <i>Listeria monocytogenes</i> 4b. <i>Infection and Immunity</i> , <b>2004</b> , 72, 4401-9	3.7	27
62	Assessment of the rind microbial diversity in a farmhouse-produced vs a pasteurized industrially produced soft red-smear cheese using both cultivation and rDNA-based methods. <i>Journal of Applied Microbiology</i> , <b>2004</b> , 97, 546-56	4.7	86
61	CovS/CovR of group B streptococcus: a two-component global regulatory system involved in virulence. <i>Molecular Microbiology</i> , <b>2004</b> , 54, 1250-68	4.1	148
60	Evidence in the <i>Legionella pneumophila</i> genome for exploitation of host cell functions and high genome plasticity. <i>Nature Genetics</i> , <b>2004</b> , 36, 1165-73	36.3	508
59	Differentiation of the major <i>Listeria monocytogenes</i> serovars by multiplex PCR. <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 3819-22	9.7	736

58	Multilocus sequence typing system for group B streptococcus. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 2530-6	9.7	436
57	Exploring the <i>Penicillium marneffei</i> genome. <i>Archives of Microbiology</i> , <b>2003</b> , 179, 339-53	3	42
56	Comparison of the genome sequences of <i>Listeria monocytogenes</i> and <i>Listeria innocua</i> : clues for evolution and pathogenicity. <i>FEMS Immunology and Medical Microbiology</i> , <b>2003</b> , 35, 207-13		155
55	Transcriptome analysis of <i>Listeria monocytogenes</i> identifies three groups of genes differently regulated by PrfA. <i>Molecular Microbiology</i> , <b>2003</b> , 47, 1613-25	4.1	265
54	The genome sequence of the entomopathogenic bacterium <i>Photobacterium luminescens</i> . <i>Nature Biotechnology</i> , <b>2003</b> , 21, 1307-13	44.5	485
53	Structural and functional genomics and evolutionary relationships in the cluster of genes encoding murine 2'5'-oligoadenylate synthetases. <i>Genomics</i> , <b>2003</b> , 82, 537-52	4.3	53
52	<i>Listeria monocytogenes</i> bile salt hydrolase is a PrfA-regulated virulence factor involved in the intestinal and hepatic phases of listeriosis. <i>Molecular Microbiology</i> , <b>2002</b> , 45, 1095-106	4.1	267
51	Genome sequence of <i>Streptococcus agalactiae</i> , a pathogen causing invasive neonatal disease. <i>Molecular Microbiology</i> , <b>2002</b> , 45, 1499-513	4.1	386
50	DiffTool: building, visualizing and querying protein clusters. <i>Bioinformatics</i> , <b>2002</b> , 18, 1143-4	7.2	7
49	Gibomique comparative. <i>Annales De L'Institut Pasteur / Actualit�s</i> , <b>2002</b> , 11, 33-49		
48	Salt stress proteins induced in <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 1491-8	4.8	124
47	Modulation of anaerobic energy metabolism of <i>Bacillus subtilis</i> by arfM (ywiD). <i>Journal of Bacteriology</i> , <b>2001</b> , 183, 6815-21	3.5	22
46	Genetic and physical delineation of the region overlapping the progressive motor neuropathy (pmn) locus on mouse chromosome 13. <i>Genomics</i> , <b>2001</b> , 75, 9-16	4.3	3
45	Comparative genomics of <i>Listeria</i> species. <i>Science</i> , <b>2001</b> , 294, 849-52	33.3	1189
44	FindTarget: software for subtractive genome analysis. <i>Microbiology (United Kingdom)</i> , <b>2001</b> , 147, 2643-2649	6.49	16
43	The virulence plasmid pWR100 and the repertoire of proteins secreted by the type III secretion apparatus of <i>Shigella flexneri</i> . <i>Molecular Microbiology</i> , <b>2000</b> , 38, 760-71	4.1	305
42	Gene expression profiles in normal and Otx2 <sup>-/-</sup> early gastrulating mouse embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 14388-93	11.5	51
41	Fermentative metabolism of <i>Bacillus subtilis</i> : physiology and regulation of gene expression. <i>Journal of Bacteriology</i> , <b>2000</b> , 182, 3072-80	3.5	187

40	Characterization of transposon Tn1549, conferring VanB-type resistance in <i>Enterococcus</i> spp. <i>Microbiology (United Kingdom)</i> , <b>2000</b> , 146 ( Pt 6), 1481-1489	2.9	136
39	The LE1 bacteriophage replicates as a plasmid within <i>Leptospira biflexa</i> : construction of an <i>L. biflexa</i> - <i>Escherichia coli</i> shuttle vector. <i>Journal of Bacteriology</i> , <b>2000</b> , 182, 5700-5	3.5	83
38	Cloning and assembly strategies in microbial genome projects. <i>Microbiology (United Kingdom)</i> , <b>1999</b> , 145 ( Pt 10), 2625-34	2.9	48
37	Effects of site-directed mutagenesis of protolytic residues in subunit I of <i>Bacillus subtilis</i> aa3-600 quinol oxidase. Role of lysine 304 in proton translocation. <i>Biochemistry</i> , <b>1999</b> , 38, 2287-94	3.2	6
36	The 102-kilobase <i>pgm</i> locus of <i>Yersinia pestis</i> : sequence analysis and comparison of selected regions among different <i>Yersinia pestis</i> and <i>Yersinia pseudotuberculosis</i> strains. <i>Infection and Immunity</i> , <b>1999</b> , 67, 4851-61	3.7	109
35	Catabolite regulation of the <i>pta</i> gene as part of carbon flow pathways in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 6889-97	3.5	99
34	Control of cell shape and elongation by the <i>rodA</i> gene in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>1998</b> , 28, 235-47	4.1	157
33	The <i>fnr</i> gene of <i>Bacillus licheniformis</i> and the cysteine ligands of the C-terminal FeS cluster. <i>Journal of Bacteriology</i> , <b>1998</b> , 180, 3483-5	3.5	12
32	Organization of the European <i>Bacillus subtilis</i> Genome Sequencing Project <b>1998</b> , 457-467		
31	Dynamic, mitotic-like behavior of a bacterial protein required for accurate chromosome partitioning. <i>Genes and Development</i> , <b>1997</b> , 11, 1160-8	12.6	275
30	The <i>Bacillus subtilis</i> <i>ureABC</i> operon. <i>Journal of Bacteriology</i> , <b>1997</b> , 179, 3371-3	3.5	30
29	Identification and characterization of a new beta-glucoside utilization system in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>1997</b> , 179, 496-506	3.5	63
28	Mapping of repetitive and non-repetitive DNA probes to chromosomes of the microsporidian <i>Encephalitozoon cuniculi</i> . <i>Gene</i> , <b>1997</b> , 191, 39-45	3.8	22
27	The complete genome sequence of the gram-positive bacterium <i>Bacillus subtilis</i> . <i>Nature</i> , <b>1997</b> , 390, 249-56	5.4	3107
26	Two-component regulatory proteins ResD-ResE are required for transcriptional activation of <i>fnr</i> upon oxygen limitation in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>1996</b> , 178, 3796-802	3.5	104
25	Aspartyl-phosphate phosphatases deactivate the response regulator components of the sporulation signal transduction system in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , <b>1996</b> , 19, 1151-7	4.1	120
24	Identification of a gene, <i>spoIIR</i> , that links the activation of sigma E to the transcriptional activity of sigma F during sporulation in <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 2012-6	11.5	129
23	Two genes encoding uracil phosphoribosyltransferase are present in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , <b>1995</b> , 177, 271-4	3.5	36



22	Incorporation of D-alanine into lipoteichoic acid and wall teichoic acid in <i>Bacillus subtilis</i> . Identification of genes and regulation. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 15598-606	5.4	211
21	Functional analysis of subunits III and IV of <i>Bacillus subtilis</i> aa3-600 quinol oxidase by in vitro mutagenesis and gene replacement. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1995</b> , 1232, 67-74	4.6	19
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19	Multiple protein-aspartate phosphatases provide a mechanism for the integration of diverse signals in the control of development in <i>B. subtilis</i> . <i>Cell</i> , <b>1994</b> , 79, 1047-55	56.2	269
18	Zinc chelation and structural stability of adenylate kinase from <i>Bacillus subtilis</i> . <i>Biochemistry</i> , <b>1994</b> , 33, 9960-7	3.2	37
17	<i>Bacillus subtilis</i> F0F1 ATPase: DNA sequence of the atp operon and characterization of atp mutants. <i>Journal of Bacteriology</i> , <b>1994</b> , 176, 6802-11	3.5	105
16	RocR, a novel regulatory protein controlling arginine utilization in <i>Bacillus subtilis</i> , belongs to the NtrC/NifA family of transcriptional activators. <i>Journal of Bacteriology</i> , <b>1994</b> , 176, 1234-41	3.5	101
15	<i>Bacillus subtilis</i> genome project: cloning and sequencing of the 97 kb region from 325° to 333deg. <i>Molecular Microbiology</i> , <b>1993</b> , 10, 371-384	4.1	143
14	Structural flexibility of the calmodulin-binding locus in <i>Bordetella pertussis</i> adenylate cyclase. Reconstitution of catalytically active species from fragments or inactive forms of the enzyme. <i>FEBS Journal</i> , <b>1993</b> , 217, 581-6		5
13	Equilibrium dissociation and unfolding of nucleoside diphosphate kinase from <i>Dictyostelium discoideum</i> . Role of proline 100 in the stability of the hexameric enzyme. <i>Journal of Biological Chemistry</i> , <b>1993</b> , 268, 20268-75	5.4	43
12	Zinc, a novel structural element found in the family of bacterial adenylate kinases. <i>Biochemistry</i> , <b>1992</b> , 31, 3038-43	3.2	54
11	Insertional mutagenesis of <i>Bordetella pertussis</i> adenylate cyclase. <i>Journal of Biological Chemistry</i> , <b>1992</b> , 267, 2244-50	5.4	48
10	Structural and Functional Organization of the Catalytic Domain of a Bacterial Toxin: <i>bordetella Pertussis Adenylate Cyclase</i> <b>1992</b> , 335-344		
9	Isolation and characterization of catalytic and calmodulin-binding domains of <i>Bordetella pertussis</i> adenylate cyclase. <i>FEBS Journal</i> , <b>1991</b> , 196, 469-74		60
8	A gene encoding a tyrosine tRNA synthetase is located near sacS in <i>Bacillus subtilis</i> . <i>DNA Sequence</i> , <b>1991</b> , 1, 251-61		38
7	High-level synthesis of active adenylate cyclase toxin of <i>Bordetella pertussis</i> in a reconstructed <i>Escherichia coli</i> system. <i>Gene</i> , <b>1991</b> , 104, 19-24	3.8	84
6	A <i>Xanthomonas campestris</i> pv. <i>campestris</i> protein similar to catabolite activation factor is involved in regulation of phytopathogenicity. <i>Journal of Bacteriology</i> , <b>1990</b> , 172, 5877-83	3.5	87
5	Intrinsic fluorescence of a truncated <i>Bordetella pertussis</i> adenylate cyclase expressed in <i>Escherichia coli</i> . <i>Biochemistry</i> , <b>1990</b> , 29, 8126-30	3.2	20

4	Cloning and expression of mouse-brain calmodulin as an activator of Bordetella pertussis adenylate cyclase in Escherichia coli. <i>Gene</i> , <b>1989</b> , 80, 145-9	3.8	24
3	Cloning and expression of the calmodulin-sensitive Bacillus anthracis adenylate cyclase in Escherichia coli. <i>Gene</i> , <b>1988</b> , 64, 277-84	3.8	74
2	Genomics of Listeria monocytogenes and Other Members of the Genus Listeria125-145		3
1	Inference of significant microbial interactions from longitudinal metagenomics sequencing data		1