

# Peter R Reeves

## List of Publications by Year in descending order

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172  
papers

12,632  
citations

26567

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28224

105  
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176  
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176  
docs citations

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times ranked

8908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex and virulence in <i>Escherichia coli</i> : an evolutionary perspective. <i>Molecular Microbiology</i> , 2006, 60, 1136-1151.	1.2	1,806
2	Genetic Analysis of the Capsular Biosynthetic Locus from All 90 Pneumococcal Serotypes. <i>PLoS Genetics</i> , 2006, 2, e31.	1.5	661
3	Bacterial polysaccharide synthesis and gene nomenclature. <i>Trends in Microbiology</i> , 1996, 4, 495-503.	3.5	508
4	Biosynthesis of O-antigens: genes and pathways involved in nucleotide sugar precursor synthesis and O-antigen assembly. <i>Carbohydrate Research</i> , 2003, 338, 2503-2519.	1.1	457
5	Structure and genetics of <i>Shigella</i> O antigens. <i>FEMS Microbiology Reviews</i> , 2008, 32, 627-653.	3.9	305
6	Evolution of <i>Salmonella</i> O antigen variation by interspecific gene transfer on a large scale. <i>Trends in Genetics</i> , 1993, 9, 17-22.	2.9	254
7	Con $\alpha^2$ Mutants: Class of Mutants in <i>Escherichia coli</i> K-12 Lacking a Major Cell Wall Protein and Defective in Conjugation and Adsorption of a Bacteriophage. <i>Journal of Bacteriology</i> , 1974, 119, 726-735.	1.0	244
8	Intraspecies variation in bacterial genomes: the need for a species genome concept. <i>Trends in Microbiology</i> , 2000, 8, 396-401.	3.5	242
9	Organization of <i>Escherichia coli</i> O157 O Antigen Gene Cluster and Identification of Its Specific Genes. <i>Infection and Immunity</i> , 1998, 66, 3545-3551.	1.0	229
10	<i>Escherichia coli</i> in disguise: molecular origins of <i>Shigella</i> . <i>Microbes and Infection</i> , 2002, 4, 1125-1132.	1.0	219
11	Repeat unit polysaccharides of bacteria: a model for polymerization resembling that of ribosomes and fatty acid synthetase, with a novel mechanism for determining chain length. <i>Molecular Microbiology</i> , 1993, 7, 725-734.	1.2	196
12	Molecular Evolutionary Relationships of Enteroinvasive <i>Escherichia coli</i> and <i>Shigella</i> spp. <i>Infection and Immunity</i> , 2004, 72, 5080-5088.	1.0	189
13	The Bacteriocins. <i>Bacteriological Reviews</i> , 1965, 29, 24-45.	7.7	183
14	Structural diversity in <i>Salmonella</i> O antigens and its genetic basis. <i>FEMS Microbiology Reviews</i> , 2014, 38, 56-89.	3.9	175
15	The JUMPstart sequence: a 39 bp element common to several polysaccharide gene clusters. <i>Molecular Microbiology</i> , 1994, 12, 855-856.	1.2	172
16	Origins of the current seventh cholera pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7730-E7739.	3.3	150
17	Sequence and analysis of the O antigen gene (rfb) cluster of <i>Escherichia coli</i> O111. <i>Gene</i> , 1995, 164, 17-23.	1.0	147
18	When does a clone deserve a name? A perspective on bacterial species based on population genetics. <i>Trends in Microbiology</i> , 2001, 9, 419-424.	3.5	143

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19	Structure and genetics of <i>Escherichia coli</i> O antigens. FEMS Microbiology Reviews, 2020, 44, 655-683.	3.9	143
20	A Recalibrated Molecular Clock and Independent Origins for the Cholera Pandemic Clones. PLoS ONE, 2008, 3, e4053.	1.1	140
21	Species-Wide Variation in the <i>Escherichia coli</i> Flagellin (H-Antigen) Gene. Journal of Bacteriology, 2003, 185, 2936-2943.	1.0	136
22	Rates of Mutation and Host Transmission for an <i>Escherichia coli</i> Clone over 3 Years. PLoS ONE, 2011, 6, e26907.	1.1	132
23	Genetic Relatedness of the <i>Streptococcus pneumoniae</i> Capsular Biosynthetic Loci. Journal of Bacteriology, 2007, 189, 7841-7855.	1.0	118
24	Role of O-antigen variation in the immune response. Trends in Microbiology, 1995, 3, 381-386.	3.5	116
25	Diversity in the Major Polysaccharide Antigen of <i>Acinetobacter Baumannii</i> Assessed by DNA Sequencing, and Development of a Molecular Serotyping Scheme. PLoS ONE, 2013, 8, e70329.	1.1	116
26	Predicted Functions and Linkage Specificities of the Products of the <i>Streptococcus pneumoniae</i> Capsular Biosynthetic Loci. Journal of Bacteriology, 2007, 189, 7856-7876.	1.0	114
27	Derivation of <i>Escherichia coli</i> O157:H7 from Its O55:H7 Precursor. PLoS ONE, 2010, 5, e8700.	1.1	109
28	Molecular Characterization of <i>Streptococcus pneumoniae</i> Type 4, 6B, 8, and 18C Capsular Polysaccharide Gene Clusters. Infection and Immunity, 2001, 69, 1244-1255.	1.0	105
29	Comparison of O-Antigen Gene Clusters of <i>Escherichia coli</i> ( <i>Shigella</i> ) <i>Sonnei</i> and <i>Plesiomonas shigelloides</i> O17: <i>Sonnei</i> Gained Its Current Plasmid-Borne O-Antigen Genes from <i>P. shigelloides</i> in a Recent Event. Infection and Immunity, 2000, 68, 6056-6061.	1.0	102
30	Population structure, origins and evolution of major <i>Salmonella enterica</i> clones. Infection, Genetics and Evolution, 2009, 9, 996-1005.	1.0	101
31	Genomic Sequencing Reveals Regulatory Mutations and Recombinational Events in the Widely Used MC4100 Lineage of <i>Escherichia coli</i> K-12. Journal of Bacteriology, 2009, 191, 4025-4029.	1.0	98
32	Identification of the Fucose Synthetase Gene in the Colanic Acid Gene Cluster of <i>Escherichia coli</i> K-12. Journal of Bacteriology, 1998, 180, 998-1001.	1.0	92
33	Regulation of the <i>pho</i> regulon of <i>Escherichia coli</i> K-12. Journal of Molecular Biology, 1982, 157, 265-274.	2.0	90
34	Evolutionary Relationships of Pathogenic Clones of <i>Vibrio cholerae</i> by Sequence Analysis of Four Housekeeping Genes. Infection and Immunity, 1999, 67, 1116-1124.	1.0	87
35	Molecular Evolution of Large Virulence Plasmid in <i>Shigella</i> Clones and Enteroinvasive <i>Escherichia coli</i> . Infection and Immunity, 2001, 69, 6303-6309.	1.0	86
36	The Wzz (Cld) Protein in <i>Escherichia coli</i> : Amino Acid Sequence Variation Determines O-Antigen Chain Length Specificity. Journal of Bacteriology, 1998, 180, 2670-2675.	1.0	85

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37	Divergence Involving Global Regulatory Gene Mutations in an Escherichia coli Population Evolving under Phosphate Limitation. <i>Genome Biology and Evolution</i> , 2010, 2, 478-487.	1.1	82
38	The O-Antigen Gene Cluster of Escherichia coli O55:H7 and Identification of a New UDP-GlcNAc C4 Epimerase Gene. <i>Journal of Bacteriology</i> , 2002, 184, 2620-2625.	1.0	81
39	Structural and Genetic Characterization of the Shigella boydii Type 13 O Antigen. <i>Journal of Bacteriology</i> , 2004, 186, 383-392.	1.0	81
40	Comparison of Vibrio cholerae Pathogenicity Islands in Sixth and Seventh Pandemic Strains. <i>Infection and Immunity</i> , 2001, 69, 1947-1952.	1.0	79
41	The Variation of O Antigens in Gram-Negative Bacteria. <i>Sub-Cellular Biochemistry</i> , 2010, 53, 123-152.	1.0	79
42	Insight into Evolution of Bordetella pertussis from Comparative Genomic Analysis: Evidence of Vaccine-Driven Selection. <i>Molecular Biology and Evolution</i> , 2011, 28, 707-715.	3.5	78
43	Population Structure and Evolution of Non-O1/Non-O139 Vibrio cholerae by Multilocus Sequence Typing. <i>PLoS ONE</i> , 2013, 8, e65342.	1.1	77
44	Chapter 13 Biosynthesis and assembly of lipopolysaccharide. <i>New Comprehensive Biochemistry</i> , 1994, , 281-317.	0.1	75
45	Recombination between rRNA operons created most of the ribotype variation observed in the seventh pandemic clone of Vibrio cholerae. <i>Microbiology (United Kingdom)</i> , 1998, 144, 1213-1221.	0.7	74
46	Genetic variation of dTDP-l-rhamnose pathway genes in Salmonella enterica The GenBank accession numbers for the sequences reported in this paper are AF279615-â€AF279625 for the rml gene sets and AF279626-â€AF279648 for the rmlB gene fragments.. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2291-2307.	0.7	74
47	Defective growth functions in mutants of Escherichia coli K12 lacking a major outer membrane protein. <i>Journal of Molecular Biology</i> , 1977, 116, 285-300.	2.0	73
48	Purification, characterization and HPLC assay of Salmonella glucose-1-phosphate thymidyltransferase from the cloned rfbA gene. <i>FEBS Journal</i> , 1993, 211, 763-770.	0.2	70
49	The cps gene cluster of Salmonella strain LT2 includes a second mannose pathway: sequence of two genes and relationship to genes in the rfb gene cluster. <i>Molecular Genetics and Genomics</i> , 1991, 227, 173-180.	2.4	69
50	Enzymatic synthesis and isolation of thymidine diphosphate-6-deoxy-D-xylo-4-hexulose and thymidine diphosphate-L-rhamnose. Production using cloned gene products and separation by HPLC. <i>FEBS Journal</i> , 1992, 204, 539-545.	0.2	68
51	Characterization of Lethal Zygosis Associated with Conjugation in Escherichia coli K-12. <i>Journal of Bacteriology</i> , 1973, 113, 58-70.	1.0	67
52	Relationships of the Escherichia coli O157, O111, and O55 O-Antigen Gene Clusters with Those of Salmonella enterica and Citrobacter freundii, Which Express Identical O Antigens. <i>Journal of Bacteriology</i> , 2004, 186, 6536-6543.	1.0	64
53	Sequencing of Escherichia coli O111 O-Antigen Gene Cluster and Identification of O111-Specific Genes. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3182-3187.	1.8	63
54	Sequence of the Escherichia coli O26 O antigen gene cluster and identification of O26 specific genes. <i>Gene</i> , 2002, 297, 123-127.	1.0	62

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55	Structural and Genetic Characterization of Enterohemorrhagic <i>Escherichia coli</i> O145 O Antigen and Development of an O145 Serogroup-Specific PCR Assay. <i>Journal of Bacteriology</i> , 2005, 187, 758-764.	1.0	61
56	A group of <i>Escherichia coli</i> and <i>Salmonella enterica</i> O antigens sharing a common backbone structure. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2159-2167.	0.7	59
57	Synthesis of the Heteropolysaccharide O Antigen of <i>Escherichia coli</i> O52 Requires an ABC Transporter: Structural and Genetic Evidence. <i>Journal of Bacteriology</i> , 2004, 186, 4510-4519.	1.0	58
58	Diversity of O-Antigen Repeat Unit Structures Can Account for the Substantial Sequence Variation of Wzx Translocases. <i>Journal of Bacteriology</i> , 2014, 196, 1713-1722.	1.0	57
59	Sequence of the <i>E. coli</i> O104 antigen gene cluster and identification of O104 specific genes. <i>Gene</i> , 2001, 270, 231-236.	1.0	56
60	Pandemic Spread of Cholera: Genetic Diversity and Relationships within the Seventh Pandemic Clone of <i>Vibrio cholerae</i> Determined by Amplified Fragment Length Polymorphism. <i>Journal of Clinical Microbiology</i> , 2002, 40, 172-181.	1.8	56
61	Extensive Variation in the O-Antigen Gene Cluster within One <i>Salmonella enterica</i> Serogroup Reveals an Unexpected Complex History. <i>Journal of Bacteriology</i> , 2002, 184, 1669-1677.	1.0	55
62	The multiplicity of divergence mechanisms in a single evolving population. <i>Genome Biology</i> , 2012, 13, R41.	13.9	55
63	Sequence Analysis of Four <i>Shigella boydii</i> O-Antigen Loci: Implication for <i>Escherichia coli</i> and <i>Shigella</i> Relationships. <i>Infection and Immunity</i> , 2001, 69, 6923-6930.	1.0	54
64	A plasmid-borne O-antigen chain length determinant and its relationship to other chain length determinants. <i>FEMS Microbiology Letters</i> , 1995, 125, 23-30.	0.7	52
65	Relationships among the O-Antigen Gene Clusters of <i>Salmonella enterica</i> Groups B, D1, D2, and D3. <i>Journal of Bacteriology</i> , 1998, 180, 1002-1007.	1.0	51
66	Domain organisation in phosphomannose isomerases (types I and II). <i>BBA - Proteins and Proteomics</i> , 1998, 1382, 5-7.	2.1	50
67	<i>Vibrio cholerae</i> Pathogenic Clones. <i>Emerging Infectious Diseases</i> , 2005, 11, 1758-1760.	2.0	50
68	The <i>Escherichia coli</i> O111 and <i>Salmonella enterica</i> O35 Gene Clusters: Gene Clusters Encoding the Same Colitose-Containing O Antigen Are Highly Conserved. <i>Journal of Bacteriology</i> , 2000, 182, 5256-5261.	1.0	49
69	The Wzx translocases for <i>Salmonella enterica</i> O-antigen processing have unexpected serotype specificity. <i>Molecular Microbiology</i> , 2012, 84, 620-630.	1.2	49
70	Sequence Diversity of the <i>Escherichia coli</i> H7 <i>fliC</i> Genes: Implication for a DNA-Based Typing Scheme for <i>E. coli</i> O157:H7. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1786-1790.	1.8	49
71	MUTANTS RESISTANT TO COLICIN CA42 <sup>2</sup> : CROSS RESISTANCE AND GENETIC MAPPING OF A SPECIAL CLASS OF MUTANTS. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1966, 44, 301-316.	0.7	48
72	Outer membrane of <i>Escherichia coli</i> K-12: Tsx mutants (resistant to bacteriophage T6 and colicin K) lack an outer membrane protein. <i>Biochemical and Biophysical Research Communications</i> , 1976, 71, 466-471.	1.0	48

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73	Genetics and evolution of <i>Yersinia pseudotuberculosis</i> O-specific polysaccharides: a novel pattern of O-antigen diversity. <i>FEMS Microbiology Reviews</i> , 2017, 41, 200-217.	3.9	48
74	Development of a Multiplex PCR Assay for Detection and Genogrouping of <i>Neisseria meningitidis</i> . <i>Journal of Clinical Microbiology</i> , 2012, 50, 46-51.	1.8	47
75	Biosynthesis of UDP-GlcNAc, UndPP-GlcNAc and UDP-GlcNAcA Involves Three Easily Distinguished 4-Epimerase Enzymes, Gne, Gnu and GnaB. <i>PLoS ONE</i> , 2013, 8, e67646.	1.1	47
76	Chloramphenicol resistance cloning vector based on pUC9. <i>Plasmid</i> , 1987, 17, 54-57.	0.4	44
77	Genetics and Evolution of the <i>Salmonella</i> Galactose-Initiated Set of O Antigens. <i>PLoS ONE</i> , 2013, 8, e69306.	1.1	44
78	Primary structure of toetolC gene that codes for an outer membrane protein of <i>Escherichia coli</i> K12. <i>Nucleic Acids Research</i> , 1983, 11, 6487-6495.	6.5	42
79	Expression of the O antigen gene cluster is regulated by RfaH through the JUMPstart sequence. <i>FEMS Microbiology Letters</i> , 1998, 165, 201-206.	0.7	42
80	Variation in O-antigens, niche-specific selection and bacterial populations. <i>FEMS Microbiology Letters</i> , 1992, 100, 509-516.	0.7	42
81	Evolution of Seventh Cholera Pandemic and Origin of 1991 Epidemic, Latin America. <i>Emerging Infectious Diseases</i> , 2010, 16, 1130-1132.	2.0	40
82	Relationship of <i>Yersinia pseudotuberculosis</i> O Antigens IA, IIA, and IVB: the IIA Gene Cluster Was Derived from That of IVB. <i>Infection and Immunity</i> , 2002, 70, 3271-3276.	1.0	39
83	Progress in Our Understanding of Wzx Flippase for Translocation of Bacterial Membrane Lipid-Linked Oligosaccharide. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	38
84	Structural and genetic evidence that the <i>Escherichia coli</i> O148 O antigen is the precursor of the <i>Shigella dysenteriae</i> type 1 O antigen and identification of a glucosyltransferase gene. <i>Microbiology (United Kingdom)</i> , 2007, 153, 139-147.	0.7	36
85	Multi-locus variable number tandem repeat analysis of 7th pandemic <i>Vibrio cholerae</i> . <i>BMC Microbiology</i> , 2012, 12, 82.	1.3	36
86	The colanic acid gene cluster of <i>Salmonella enterica</i> has a complex history. <i>FEMS Microbiology Letters</i> , 2000, 191, 11-16.	0.7	35
87	Outer membrane proteins of <i>Escherichia coli</i> K-12: Isolation of a common receptor protein for bacteriophage T6 and colicin K. <i>Molecular Genetics and Genomics</i> , 1978, 158, 279-286.	2.4	34
88	Genomic diversity and adaptation of <i>Salmonella enterica</i> serovar Typhimurium from analysis of six genomes of different phage types. <i>BMC Genomics</i> , 2013, 14, 718.	1.2	34
89	Molecular evolution of the GDP-mannose pathway genes ( <i>manB</i> and <i>manC</i> ) in <i>Salmonella enterica</i> . The GenBank accession numbers for the sequences reported in this paper are AY012160-AY012201. <i>Microbiology (United Kingdom)</i> , 2001, 147, 599-610.	0.7	34
90	Structure of the <i>Shigella dysenteriae</i> 7 O antigen gene cluster and identification of its antigen specific genes. <i>Microbial Pathogenesis</i> , 2004, 36, 109-115.	1.3	33

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91	Physiology of <i>Escherichia coli</i> K-12 During Conjugation: Altered Recipient Cell Functions Associated with Lethal Zygosis. <i>Journal of Bacteriology</i> , 1973, 114, 11-17.	1.0	33
92	Plasmid Specificity of The Origin of Transfer of Sex Factor F. <i>Journal of Bacteriology</i> , 1974, 120, 125-130.	1.0	33
93	Fluorescent Amplified Fragment Length Polymorphism Analysis of <i>Salmonella enterica</i> Serovar Typhimurium Reveals Phage-Type- Specific Markers and Potential for Microarray Typing. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3406-3415.	1.8	32
94	<i>Bordetella pertussis</i> Clones Identified by Multilocus Variable-Number Tandem-Repeat Analysis. <i>Emerging Infectious Diseases</i> , 2010, 16, 297-300.	2.0	32
95	Comparison of Colicins B-K260 and D-CA23: Purification and Characterization of the Colicins and Examination of Colicin Immunity in the Producing Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 1977, 11, 345-358.	1.4	30
96	MULTICOMP: a program for preparing sequence data for phylogenetic analysis. <i>Bioinformatics</i> , 1994, 10, 281-284.	1.8	30
97	Comparison of Two Major Forms of the <i>Shigella</i> Virulence Plasmid pINV: Positive Selection Is a Major Force Driving the Divergence. <i>Infection and Immunity</i> , 2003, 71, 6298-6306.	1.0	30
98	F Factor-Mediated Immunity to Lethal Zygosis in <i>Escherichia coli</i> K-12. <i>Journal of Bacteriology</i> , 1974, 117, 100-106.	1.0	30
99	Molecular cloning of the <i>tolC</i> locus of <i>Escherichia coli</i> K-12 with the use of transposon Tn10. <i>Molecular Genetics and Genomics</i> , 1981, 184, 430-433.	2.4	29
100	Intermediates in the synthesis of TolC protein include an incomplete peptide stalled at a rare Arg codon. <i>FEBS Journal</i> , 1985, 152, 151-155.	0.2	29
101	Population genetics of <i>Escherichia coli</i> in a natural population of native Australian rats. <i>Environmental Microbiology</i> , 2000, 2, 594-610.	1.8	28
102	<i>Escherichia coli</i> Clone Sonnei ( <i>Shigella sonnei</i> ) Had a Chromosomal O-Antigen Gene Cluster Prior to Gaining Its Current Plasmid-Borne O-Antigen Genes. <i>Journal of Bacteriology</i> , 1998, 180, 2983-2986.	1.0	28
103	Membrane topology of the <i>Salmonella enterica</i> serovar Typhimurium Group B O-antigen translocase Wzx. <i>FEMS Microbiology Letters</i> , 2008, 287, 76-84.	0.7	27
104	Mode of Action of Colicins of Types E <sub>1</sub> , E <sub>2</sub> , E <sub>3</sub> , and K. <i>Journal of Bacteriology</i> , 1968, 96, 1700-1703.	1.0	27
105	Evolutionary Changes of the <i>flhDC</i> Flagellar Master Operon in <i>Shigella</i> Strains. <i>Journal of Bacteriology</i> , 2005, 187, 4295-4302.	1.0	26
106	Genetic organisation and evolution of <i>Yersinia pseudotuberculosis</i> 3,6-dideoxyhexose biosynthetic genes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1245, 273-277.	1.1	24
107	Cloning part of the region encoding biosynthetic enzymes for surface antigen (O-antigen) of <i>Salmonella typhimurium</i> . <i>Molecular Genetics and Genomics</i> , 1986, 203, 172-176.	2.4	23
108	Molecular Basis of the Indole-Negative Reaction in <i>Shigella</i> Strains: Extensive Damages to the <i>tna</i> Operon by Insertion Sequences. <i>Journal of Bacteriology</i> , 2004, 186, 7460-7465.	1.0	23

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109	Genetic Relationships of Phage Types and Single Nucleotide Polymorphism Typing of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Clinical Microbiology</i> , 2012, 50, 727-734.	1.8	23
110	Three Wzy polymerases are specific for particular forms of an internal linkage in otherwise identical O units. <i>Microbiology (United Kingdom)</i> , 2015, 161, 1639-1647.	0.7	23
111	Adaptation of Multilocus Sequencing for Studying Variation Within a Major Clone: Evolutionary Relationships of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Genetics</i> , 2006, 172, 743-750.	1.2	22
112	Genome-wide analysis of single nucleotide polymorphisms in <i>Bordetella pertussis</i> using comparative genomic sequencing. <i>Research in Microbiology</i> , 2008, 159, 602-608.	1.0	22
113	A low copy number cosmid. <i>Plasmid</i> , 1987, 18, 170-172.	0.4	21
114	Genomic Identification of a Novel Mutation in <i>hfq</i> That Provides Multiple Benefits in Evolving Glucose-Limited Populations of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4517-4521.	1.0	21
115	The TolC protein of <i>Escherichia coli</i> K12 is synthesised in a precursor form. <i>FEBS Letters</i> , 1983, 156, 307-310.	1.3	20
116	Cholera in the 1990s. <i>British Medical Bulletin</i> , 1998, 54, 611-623.	2.7	20
117	O Antigen Gene Clusters of <i>Yersinia pseudotuberculosis</i> . , 2003, 529, 199-206.		20
118	Inefficient translocation of a truncated O unit by a <i>Salmonella</i> Wzx affects both O-antigen production and cell growth. <i>FEMS Microbiology Letters</i> , 2015, 362, .	0.7	20
119	High level expression and purification of dThymidine diphospho-D-glucose 4,6-dehydratase ( <i>rfbB</i> ) from <i>Salmonella</i> serovar typhimurium LT2. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 846-852.	1.0	19
120	The variation of dTDP-l-rhamnose pathway genes in <i>Vibrio cholerae</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 2463-2474.	0.7	19
121	Structural and Genetic Characterization of the <i>Shigella boydii</i> Type 10 and Type 6 O Antigens. <i>Journal of Bacteriology</i> , 2005, 187, 2551-2554.	1.0	19
122	The <i>Yersinia kristensenii</i> O11 O-Antigen Gene Cluster was Acquired by Lateral Gene Transfer and Incorporated at a Novel Chromosomal Locus. <i>Molecular Biology and Evolution</i> , 2007, 24, 1355-1365.	3.5	18
123	The O-specific polysaccharide structure and gene cluster of serotype O:12 of the <i>Yersinia pseudotuberculosis</i> complex, and the identification of a novel L-quinovose biosynthesis gene. <i>Glycobiology</i> , 2013, 23, 346-353.	1.3	18
124	Model for the Controlled Synthesis of O-Antigen Repeat Units Involving the WaaL Ligase. <i>MSphere</i> , 2016, 1, .	1.3	18
125	Cloning and nucleotide sequence of the <i>Salmonella typhimurium</i> LT2 <i>gnd</i> gene and its homology with the corresponding sequence of <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1989, 217, 182-184.	2.4	17
126	The O-specific polysaccharide structure and biosynthetic gene cluster of <i>Yersinia pseudotuberculosis</i> serotype O:11. <i>Carbohydrate Research</i> , 2009, 344, 1533-1540.	1.1	17

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127	Living Trees: High-Quality Reproducible and Reusable Construction of Bacterial Phylogenetic Trees. <i>Molecular Biology and Evolution</i> , 2020, 37, 563-575.	3.5	17
128	In vitro Synthesis of CDP-D-Abequose Using Salmonella Enzymes of Cloned rfb Genes. Production of CDP-6-Deoxy-D-Xylo -4-Hexulose, CDP-3,6-Dideoxy-D-Xylo -4-Hexulose and CDP-3,6-Dideoxy-D-Galactose, and Isolation by HPLC. <i>FEBS Journal</i> , 1994, 225, 863-872.	0.2	16
129	Determination of Glycosyltransferase Specificities for the Escherichia coli O111 O Antigen by a Generic Approach. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1294-1298.	1.4	16
130	Bacterial expression of the major antigenic regions of porcine rotavirus VP7 induces a neutralizing immune response in mice. <i>Vaccine</i> , 1999, 17, 2636-2645.	1.7	15
131	Rotavirus VP7 epitope mapping using fragments of VP7 displayed on phages. <i>Vaccine</i> , 2000, 18, 2257-2265.	1.7	15
132	Rapid and accurate typing of Bordetella pertussis targeting genes encoding acellular vaccine antigens using real time PCR and High Resolution Melt analysis. <i>Journal of Microbiological Methods</i> , 2009, 77, 326-329.	0.7	15
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