Ruth M Hall

List of Publications by Year
in descending order

195 papers	11,262 citations	26630 56 h-index	38395 95 g-index
199 all docs	199 docs citations	199 times ranked	5233 citing authors

#	Article	IF	Citations
1	Mobile gene cassettes and integrons: capture and spread of genes by siteâ€specific recombination. Molecular Microbiology, 1995, 15, 593-600.	2.5	641
2	Transposon Tn 21 , Flagship of the Floating Genome. Microbiology and Molecular Biology Reviews, 1999, 63, 507-522.	6.6	551
3	Structure and function of 59â€base element recombination sites associated with mobile gene cassettes. Molecular Microbiology, 1997, 26, 731-745.	2.5	292
4	Movement of IS 26 -Associated Antibiotic Resistance Genes Occurs via a Translocatable Unit That Includes a Single IS 26 and Preferentially Inserts Adjacent to Another IS 26. MBio, 2014, 5, e01801-14.	4.1	282
5	Variation in the Complex Carbohydrate Biosynthesis Loci of Acinetobacter baumannii Genomes. PLoS ONE, 2013, 8, e62160.	2.5	264
6	Antibiotic resistance in gram-negative bacteria: the role of gene cassettes and integrons. Drug Resistance Updates, 1998, 1, 109-119.	14.4	245
7	Site-specific insertion of gene cassettes into integrons. Molecular Microbiology, 1993, 9, 41-52.	2.5	203
8	IS 26 -Mediated Formation of Transposons Carrying Antibiotic Resistance Genes. MSphere, 2016, 1, .	2.9	194
9	Origins of the mobile gene cassettes found in integrons. Trends in Microbiology, 1997, 5, 389-394.	7.7	191
10	Transposons Tn 1696 and Tn 21 and Their Integrons In4 and In2 Have Independent Origins. Antimicrobial Agents and Chemotherapy, 2001, 45, 1263-1270.	3.2	189
11	Gene cassettes from the insert region of integrons are excised as covalently closed circles. Molecular Microbiology, 1992, 6, 2875-2885.	2.5	173
12	Commensal Escherichia coli of healthy humans: a reservoir for antibiotic-resistance determinants. Journal of Medical Microbiology, 2010, 59, 1331-1339.	1.8	171
13	Nucleotide sequence of the AAD(2â€²) aminoglycoside adenylyltransferase determinantaadB. Evolutionary relationship of this region with those surroundingaadAin R538-1 anddhfrIIin R388. Nucleic Acids Research, 1986, 14, 8625-8635.	14.5	163
14	The Genomic Island SGI1, Containing the Multiple Antibiotic Resistance Region of Salmonella enterica Serovar Typhimurium DT104 or Variants of It, Is Widely Distributed in Other S. enterica Serovars. Journal of Bacteriology, 2005, 187, 4401-4409.	2.2	161
15	The A to Z of A/C plasmids. Plasmid, 2015, 80, 63-82.	1.4	155
16	Five decades of genome evolution in the globally distributed, extensively antibiotic-resistant Acinetobacter baumannii global clone 1. Microbial Genomics, 2016, 2, e000052.	2.0	155
17	Evolution of AbaR-type genomic resistance islands in multiply antibiotic-resistant Acinetobacter baumannii. Journal of Antimicrobial Chemotherapy, 2010, 65, 1162-1170.	3.0	149
18	In34, a Complex In5 Family Class 1 Integron Containing orf513 and dfrA10. Antimicrobial Agents and Chemotherapy, 2003, 47, 342-349.	3.2	135

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19	AbaR5, a Large Multiple-Antibiotic Resistance Region Found in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2009, 53, 2667-2671.	3.2	130
20	Salmonellagenomic islands and antibiotic resistance inSalmonella enterica. Future Microbiology, 2010, 5, 1525-1538.	2.0	127
21	Structure and context ofAcinetobactertransposons carrying theoxa23carbapenemase gene. Journal of Antimicrobial Chemotherapy, 2016, 71, 1135-1147.	3.0	127
22	Distribution of the blaTEM gene and blaTEM-containing transposons in commensal Escherichia coli. Journal of Antimicrobial Chemotherapy, 2011, 66, 745-751.	3.0	126
23	Family of Class 1 Integrons Related to In4 from Tn 1696. Antimicrobial Agents and Chemotherapy, 2001, 45, 3014-3020.	3.2	125
24	ISMapper: identifying transposase insertion sites in bacterial genomes from short read sequence data. BMC Genomics, 2015, 16, 667.	2.8	119
25	Identification of Acinetobacter baumannii loci for capsular polysaccharide (KL) and lipooligosaccharide outer core (OCL) synthesis in genome assemblies using curated reference databases compatible with Kaptive. Microbial Genomics, 2020, 6, .	2.0	118
26	Definition of the attI1 site of class 1 integrons. Microbiology (United Kingdom), 2000, 146, 2855-2864.	1.8	117
27	Characterisation of specific and secondary recombination sites recognised by the integron DNA integrase. Nucleic Acids Research, 1994, 22, 2071-2078.	14.5	116
28	Characterization of the Class 3 Integron and the Site-Specific Recombination System It Determines. Journal of Bacteriology, 2002, 184, 3017-3026.	2.2	110
29	The IS 1111 Family Members IS 4321 and IS 5075 Have Subterminal Inverted Repeats and Target the Terminal Inverted Repeats of Tn 21 Family Transposons. Journal of Bacteriology, 2003, 185, 6371-6384.	2.2	106
30	The AbaR antibiotic resistance islands found in Acinetobacter baumannii global clone 1 â€“ Structure, origin and evolution. Drug Resistance Updates, 2018, 41, 26-39.	14.4	104
31	Transposons Related to Tn1696in IncHI2 Plasmids in Multiply Antibiotic ResistantSalmonella entericaSerovar Typhimurium from Australian Animals. Microbial Drug Resistance, 2010, 16, 197-202.	2.0	102
32	Binding of the purified integron DNA integrase IntI1 to integronâ€•and cassetteâ€associated recombination sites. Molecular Microbiology, 1998, 29, 477-490.	2.5	100
33	AbaR4 replaces AbaR3 in a carbapenem-resistant Acinetobacter baumannii isolate belonging to global clone 1 from an Australian hospital. Journal of Antimicrobial Chemotherapy, 2011, 66, 2484-2491.	3.0	99
34	Variants of the gentamicin and tobramycin resistance plasmid pRAY are widely distributed in Acinetobacter. Journal of Antimicrobial Chemotherapy, 2012, 67, 2833-2836.	3.0	98
35	The tet39 Determinant and the msrE-mphE Genes in Acinetobacter Plasmids Are Each Part of Discrete Modules Flanked by Inversely Oriented p dif (XerC-XerD) Sites. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	98
36	IS 26 -Mediated Precise Excision of the IS 26 - aphA1a Translocatable Unit. MBio, 2015, 6, e01866-15.	4.1	97

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37	Compatibility and entry exclusion of IncA and IncC plasmids revisited: IncA and IncC plasmids are compatible. Plasmid, 2018, 96-97, 7-12.	1.4	96
38	Sequence analysis of the inducible chloramphenicol resistance determinant in the TN1696 integron suggests regulation by translational attenuation. Plasmid, 1991, 26, 10-19.	1.4	94
39	Aminoglycoside resistance in multiply antibiotic-resistant Acinetobacter baumannii belonging to global clone 2 from Australian hospitals. Journal of Antimicrobial Chemotherapy, 2011, 66, 1504-1509.	3.0	94
40	Integrons and gene cassettes: hotspots of diversity in bacterial genomes. Annals of the New York Academy of Sciences, 2012, 1267, 71-78.	3.8	91
41	Structure of the K2 capsule associated with the KL2 gene cluster of Acinetobacter baumannii. Glycobiology, 2014, 24, 554-563.	2.5	88
42	Efficiency of Recombination Reactions Catalyzed by Class 1 Integron Integrase IntI1. Journal of Bacteriology, 2001, 183, 2535-2542.	2.2	85
43	A GC1 Acinetobacter baumannii isolate carrying AbaR3 and the aminoglycoside resistance transposon TnaphA6 in a conjugative plasmid. Journal of Antimicrobial Chemotherapy, 2014, 69, 955-958.	3.0	83
44	Variation in the OC Locus of Acinetobacter baumannii Genomes Predicts Extensive Structural Diversity in the Lipooligosaccharide. PLoS ONE, 2014, 9, e107833.	2.5	83
45	A large conjugative Acinetobacter baumannii plasmid carrying the sul2 sulphonamide and strAB streptomycin resistance genes. Plasmid, 2016, 87-88, 43-50.	1.4	81
46	A novel family of genomic resistance islands, AbGRI2, contributing to aminoglycoside resistance in Acinetobacter baumannii isolates belonging to global clone 2. Journal of Antimicrobial Chemotherapy, 2013, 68, 554-557.	3.0	77
47	Evolution of IncHI2 plasmids via acquisition of transposons carrying antibiotic resistance determinants. Journal of Antimicrobial Chemotherapy, 2012, 67, 1121-1127.	3.0	74
48	Plasmid evolution by acquisition of mobile gene cassettes: plasmid pIE723 contains the aadB gene cassette precisely inserted at a secondary site in the IncQ plasmid RSF1010. Molecular Microbiology, 1995, 15, 179-187.	2.5	70
49	SGI1-K, a Variant of the SGI1 Genomic Island Carrying a Mercury Resistance Region, in Salmonella enterica Serovar Kentucky. Antimicrobial Agents and Chemotherapy, 2007, 51, 317-323.	3.2	69
50	pRMH760, a Precursor of A/C₂ Plasmids Carrying bla_{CMY} and bla_{NDM} Genes. Microbial Drug Resistance, 2014, 20, 416-423.	2.0	69
51	SGI2, a Relative ofSalmonellaGenomic Island SGI1 with an Independent Origin. Antimicrobial Agents and Chemotherapy, 2008, 52, 2529-2537.	3.2	68
52	Acinetobacter baumanniiK27 and K44 capsular polysaccharides have the same K unit but different structures due to the presence of distinctwzygenes in otherwise closely related K gene clusters. Glycobiology, 2016, 26, 501-508.	2.5	68
53	Repeated local emergence of carbapenem-resistant Acinetobacter baumannii in a single hospital ward. Microbial Genomics, 2016, 2, e000050.	2.0	65
54	GIsul2, a genomic island carrying the sul2 sulphonamide resistance gene and the small mobile element CR2 found in the Enterobacter cloacae subspecies cloacae type strain ATCC 13047 from 1890, Shigella flexneri ATCC 700930 from 1954 and Acinetobacter baumannii ATCC 17978 from 1951. Journal of Antimicrobial Chemotherapy, 2011, 66, 2175-2176.	3.0	64

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55	Database for the ampC alleles in Acinetobacter baumannii. PLoS ONE, 2017, 12, e0176695.	2.5	63
56	ISAba1 targets a specific position upstream of the intrinsic ampC gene of Acinetobacter baumannii leading to cephalosporin resistance. Journal of Antimicrobial Chemotherapy, 2013, 68, 2682-2683.	3.0	61
57	Tn6168, a transposon carrying an ISAba1-activated ampC gene and conferring cephalosporin resistance in Acinetobacter baumannii. Journal of Antimicrobial Chemotherapy, 2014, 69, 77-80.	3.0	61
58	Evolution and typing of IncC plasmids contributing to antibiotic resistance in Gram-negative bacteria. Plasmid, 2018, 99, 40-55.	1.4	60
59	Integron-encoded IntI integrases preferentially recognize the adjacent cognate attI site in recombination with a 59-be site. Molecular Microbiology, 2002, 46, 1415-1427.	2.5	57
60	Evolution of a multiple antibiotic resistance region in IncHI1 plasmids: reshaping resistance regions in situ. Journal of Antimicrobial Chemotherapy, 2012, 67, 2848-2853.	3.0	57
61	A conjugative plasmid carrying the carbapenem resistance gene blaOXA-23 in AbaR4 in an extensively resistant GC1 Acinetobacter baumannii isolate. Journal of Antimicrobial Chemotherapy, 2014, 69, 2625-2628.	3.0	57
62	Evolution of AbGRI2-0, the Progenitor of the AbGRI2 Resistance Island in Global Clone 2 of Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2016, 60, 1421-1429.	3.2	57
63	Resistance gene naming and numbering: is it a new gene or not?. Journal of Antimicrobial Chemotherapy, 2016, 71, 569-571.	3.0	57
64	Tn 1403 , a Multiple-Antibiotic Resistance Transposon Made Up of Three Distinct Transposons. Antimicrobial Agents and Chemotherapy, 2007, 51, 1827-1829.	3.2	56
65	5,7-di-N-acetyl-acinetaminic acid: A novel non-2-ulosonic acid found in the capsule of an Acinetobacter baumannii isolate. Glycobiology, 2015, 25, 644-654.	2.5	56
66	Structures bounded by directly-oriented members of the IS26 family are pseudo-compound transposons.. Plasmid, 2020, 111, 102530.	1.4	54
67	Tn6167, an antibiotic resistance island in an Australian carbapenem-resistant Acinetobacter baumannii GC2, ST92 isolate. Journal of Antimicrobial Chemotherapy, 2012, 67, 1342-1346.	3.0	52
68	Class 1 Integron Containing a New Gene Cassette, aadA10 , Associated with Tn 1404 from R151. Antimicrobial Agents and Chemotherapy, 2002, 46, 2400-2408.	3.2	50
69	Genomic resistance island AGI1 carrying a complex class 1 integron in a multiply antibiotic-resistant ST25Acinetobacter baumanniiisolate. Journal of Antimicrobial Chemotherapy, 2015, 70, 2519-2523.	3.0	50
70	Genetic structure of four plasmids found in Acinetobacter baumannii isolate D36 belonging to lineage 2 of global clone 1. PLoS ONE, 2018, 13, e0204357.	2.5	50
71	Evolution of a clade of Acinetobacter baumannii global clone 1, lineage 1 via acquisition of carbapenem- and aminoglycoside-resistance genes and dispersion of ISAba1. Microbial Genomics, 2019, 5, .	2.0	49
72	Distribution of Human Commensal Escherichia coli Phylogenetic Groups. Journal of Clinical Microbiology, 2010, 48, 3455-3456.	3.9	48

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73	Acinetobacter baumannii K13 and K73 capsular polysaccharides differ only in K-unit side branches of novel non-2-ulosonic acids: di- N -acetylated forms of either acinetaminic acid or 8-epiacinetaminic acid. Carbohydrate Research, 2017, 452, 149-155.	2.3	47
74	Variants of AbGRI3 carrying thearmAgene in extensively antibiotic-resistantAcinetobacter baumanniifrom Singapore. Journal of Antimicrobial Chemotherapy, 2017, 72, dkw542.	3.0	45
75	Acinetobacter baumannii K11 and K83 capsular polysaccharides have the same 6-deoxy- l -talose-containing pentasaccharide K units but different linkages between the K units. International Journal of Biological Macromolecules, 2017, 103, 648-655.	7.5	43
76	Carbapenem and amikacin resistance on a large conjugative Acinetobacter baumannii plasmid. Journal of Antimicrobial Chemotherapy, 2015, 70, 1259-1261.	3.0	42
77	Loss and gain of aminoglycoside resistance in global clone 2Acinetobacter baumanniiin Australia via modification of genomic resistance islands and acquisition of plasmids. Journal of Antimicrobial Chemotherapy, 2016, 71, 2432-2440.	3.0	42
78	An analysis of the IS6/IS26 family of insertion sequences: is it a single family?. Microbial Genomics, 2019, 5, .	2.0	42
79	K19 capsular polysaccharide of Acinetobacter baumannii is produced via a Wzy polymerase encoded in a small genomic island rather than the KL19 capsule gene cluster. Microbiology (United Kingdom), 2016, 162, 1479-1489.	1.8	41
80	The multiresistant Acinetobacter baumannii European clone I type strain RUH875 (A297) carries a genomic antibiotic resistance island AbaR21, plasmid pRAY and a cluster containing ISAba1-sul2-CR2-strB-strA. Journal of Antimicrobial Chemotherapy, 2011, 66, 1928-1930.	3.0	40
81	Genomic epidemiology of severe community-onset Acinetobacter baumannii infection. Microbial Genomics, 2019, 5, .	2.0	40
82	pCERC3 from a commensal ST95 Escherichia coli: A ColV virulence-multiresistance plasmid carrying a sul3-associated class 1 integron. Plasmid, 2016, 84-85, 11-19.	1.4	39
83	New Integron-Associated Gene Cassette Encoding a 3- N -Aminoglycoside Acetyltransferase. Antimicrobial Agents and Chemotherapy, 2005, 49, 1238-1241.	3.2	38
84	IncM Plasmid R1215 Is the Source of Chromosomally Located Regions Containing Multiple Antibiotic Resistance Genes in the Globally Disseminated Acinetobacter baumannii GC1 and GC2 Clones. MSphere, 2016, 1, .	2.9	38
85	Evolution of Regions Containing Antibiotic Resistance Genes in FII-2-FIB-1 ColV-Colla Virulence Plasmids. Microbial Drug Resistance, 2018, 24, 411-421.	2.0	38
86	Mobilisation of a small Acinetobacter plasmid carrying an oriT transfer origin by conjugative RepAci6 plasmids. Plasmid, 2019, 103, 36-44.	1.4	38
87	Antibiotic resistance islands in A320 (RUH134), the reference strain for Acinetobacter baumannii global clone 2. Journal of Antimicrobial Chemotherapy, 2012, 67, 335-338.	3.0	37
88	Distribution of the blaOXA-23-containing transposons Tn2006 and Tn2008 in Australian carbapenem-resistant Acinetobacter baumannii isolates. Journal of Antimicrobial Chemotherapy, 2015, 70, 2409-2411.	3.0	37
89	Prediction of antibiotic resistance from antibiotic resistance genes detected in antibiotic-resistant commensalEscherichia coliusing PCR or WGS. Journal of Antimicrobial Chemotherapy, 2016, 72, dkw511.	3.0	36
90	Problems with the Oxford Multilocus Sequence Typing Scheme for Acinetobacter baumannii: Do Sequence Type 92 (ST92) and ST109 Exist?. Journal of Clinical Microbiology, 2017, 55, 2287-2289.	3.9	36

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91	Identification of a marker for two lineages within the GC1 clone of Acinetobacter baumannii. Journal of Antimicrobial Chemotherapy, 2014, 69, 557-558.	3.0	35
92	Structure of the K12 capsule containing 5,7-di-N-acetylacinetaminic acid fromAcinetobacter baumanniiisolate D36. Glycobiology, 2015, 25, 881-887.	2.5	35
93	Transposon Tn5393e Carrying theaphA1-Containing Transposon Tn6023Upstream ofstrABDoes Not Confer Resistance to Streptomycin. Microbial Drug Resistance, 2011, 17, 389-394.	2.0	34
94	Destabilization of IncA and IncC plasmids by SGI1 and SGI2 type Salmonella genomic islands. Plasmid, 2016, 87-88, 51-57.	1.4	34
95	Targeted conservative formation of cointegrates between two DNA molecules containing IS26 occurs via strand exchange at either IS end. Molecular Microbiology, 2017, 106, 409-418.	2.5	34
96	Horizontal transfer of an ISAba125-activated ampC gene between Acinetobacter baumannii strains leading to cephalosporin resistance. Journal of Antimicrobial Chemotherapy, 2013, 68, 244-245.	3.0	33
97	Insertions in the OCL1 locus of Acinetobacter baumannii lead to shortened lipooligosaccharides. Research in Microbiology, 2014, 165, 472-475.	2.1	33
98	Related structures of neutral capsular polysaccharides of Acinetobacter baumannii isolates that carry related capsule gene clusters KL43, KL47, and KL88. Carbohydrate Research, 2016, 435, 173-179.	2.3	33
99	pIP40a, a type 1 IncC plasmid from 1969 carries the integrative element GI sul2 and a novel class II mercury resistance transposon. Plasmid, 2017, 92, 17-25.	1.4	33
100	Antibiotic-resistant Acinetobacter baumannii variants belonging to global clone 1. Journal of Antimicrobial Chemotherapy, 2012, 67, 1039-1040.	3.0	32
101	pCERC1, a Small, Globally Disseminated Plasmid Carrying the dfrA14 Cassette in the strA Gene of the sul2-strA-strB Gene Cluster. Microbial Drug Resistance, 2012, 18, 364-371.	2.0	32
102	pACICU2 is a conjugative plasmid of Acinetobacter carrying the aminoglycoside resistance transposon TnaphA6. Journal of Antimicrobial Chemotherapy, 2014, 69, 1146-1148.	3.0	32
103	Genome Sequence of Acinetobacter baumannii Strain D36, an Antibiotic-Resistant Isolate from Lineage 2 of Global Clone 1. Genome Announcements, 2015, 3, .	0.8	32
104	Plasmids in antibiotic susceptible and antibiotic resistant commensal Escherichia coli from healthy Australian adults. Plasmid, 2015, 80, 24-31.	1.4	32
105	Origin of the AbGRI1 antibiotic resistance island found in the comM gene of Acinetobacter baumannii GC2 isolates. Journal of Antimicrobial Chemotherapy, 2017, 72, 2944-2947.	3.0	32
106	Acinetobacter baumannii ATCC 19606 Carries GI sul2 in a Genomic Island Located in the Chromosome. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	32
107	K17 capsular polysaccharide produced by Acinetobacter baumannii isolate G7 contains an amide of 2-acetamido-2-deoxy-d-galacturonic acid with d-alanine. International Journal of Biological Macromolecules, 2020, 144, 857-862.	7.5	32
108	Correctly Identifying the Streptothricin Resistance Gene Cassette. Journal of Clinical Microbiology, 2005, 43, 4298-4300.	3.9	30

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109	A type 2 A/C2 plasmid carrying the aacC4 apramycin resistance gene and the erm(42) erythromycin resistance gene recovered from two Salmonella enterica serovars. Journal of Antimicrobial Chemotherapy, 2015, 70, 1021-1025.	3.0	30
110	5,7-Di-N-acetyl-8-epiacinetaminic acid: A new non-2-ulosonic acid found in the K73 capsule produced by an Acinetobacter baumannii isolate from Singapore. Scientific Reports, 2017, 7, 11357.	3.3	30
111	Emergence and Evolution of Multiply Antibiotic-Resistant Salmonella enterica Serovar Paratyphi B <scp>d</scp> -Tartrate-Utilizing Strains Containing SGI1. Antimicrobial Agents and Chemotherapy, 2009, 53, 2319-2326.	3.2	29
112	Genome Sequence of Acinetobacter baumannii Strain A1, an Early Example of Antibiotic-Resistant Global Clone 1. Genome Announcements, 2015, 3, .	0.8	29
113	Structure of the K6 capsular polysaccharide from Acinetobacter baumannii isolate RBH4. Carbohydrate Research, 2015, 409, 30-35.	2.3	29
114	Does the intrinsic oxaAb (blaOXA-51-like) gene of Acinetobacter baumannii confer resistance to carbapenems when activated by ISAba1?. Journal of Antimicrobial Chemotherapy, 2018, 73, 3518-3520.	3.0	29
115	The KL24 gene cluster and a genomic island encoding a Wzy polymerase contribute genes needed for synthesis of the K24 capsular polysaccharide by the multiply antibiotic resistant Acinetobacter baumannii isolate RCH51. Microbiology (United Kingdom), 2017, 163, 355-363.	1.8	29
116	Structure of repeating unit of the capsular polysaccharide from Acinetobacter baumannii D78 and assignment of the K4 gene cluster. Carbohydrate Research, 2016, 434, 12-17.	2.3	28
117	Acinetobacter baumannii K20 and K21 capsular polysaccharide structures establish roles for UDP-glucose dehydrogenase Ugd2, pyruvyl transferase Ptr2 and two glycosyltransferases. Glycobiology, 2018, 28, 876-884.	2.5	28
118	Integrons or super integrons?. Microbiology (United Kingdom), 2004, 150, 3-4.	1.8	26
119	The K46 and K5 capsular polysaccharides produced by Acinetobacter baumannii NIPH 329 and SDF have related structures and the side-chain non-ulosonic acids are 4-O-acetylated by phage-encoded O-acetyltransferases. PLoS ONE, 2019, 14, e0218461.	2.5	26
120	IS 26 Family Members IS 257 and IS 1216 Also Form Cointegrates by Copy-In and Targeted Conservative Routes. MSphere, 2020, 5, .	2.9	26
121	Detection of Gene Cassettes in Tn 402 -Like Class 1 Integrons. Antimicrobial Agents and Chemotherapy, 2007, 51, 3467-3468.	3.2	25
122	An IS26variant with enhanced activity. FEMS Microbiology Letters, 2019, 366, .	1.8	25
123	Unusual Class 1 Integron Configuration Found in S almonella Genomic Island 2 from Salmonella enterica Serovar Emek. Antimicrobial Agents and Chemotherapy, 2010, 54, 513-516.	3.2	24
124	Structural determination of the K14 capsular polysaccharide from an ST25 Acinetobacter baumannii isolate, D46. Carbohydrate Research, 2015, 417, 52-56.	2.3	24
125	pBuzz: A cryptic rolling-circle plasmid from a commensal Escherichia coli has two inversely oriented oriTs and is mobilised by a B/O plasmid. Plasmid, 2019, 101, 10-19.	1.4	24
126	Unusual Class 1 Integron-Associated Gene Cassette Configuration Found in IncA/C Plasmids from Salmonella enterica. Antimicrobial Agents and Chemotherapy, 2009, 53, 2640-2642.	3.2	22

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127	Analysis of pCERC7, a small antibiotic resistance plasmid from a commensal ST131 Escherichia coli, defines a diverse group of plasmids that include various segments adjacent to a multimer resolution site and encode the same NikA relaxase accessory protein enabling mobilisation. Plasmid, 2017, 89, 42-48.	1.4	22
128	The structure of a partial duplication in the integron of plasmid pDGO100. Plasmid, 1990, 23, 76-79.	1.4	21
129	Evolution in situ of ARI-A in pB2-1, a type 1 IncC plasmid recovered from Klebsiella pneumoniae , and stability of Tn 4352 B. Plasmid, 2017, 94, 7-14.	1.4	21
130	Resistance to third-generation cephalosporins in Acinetobacter baumannii due to horizontal transfer of a chromosomal segment containing ISAba1-ampC. Journal of Antimicrobial Chemotherapy, 2014, 69, 2865-2866.	3.0	20
131	p39R861-4, A Type 2â€‰A/C₂Plasmid Carrying a Segment from the A/C₁Plasmid RA1. Microbial Drug Resistance, 2015, 21, 571-576.	2.0	20
132	New Integron-Associated Gene Cassette Encoding a Trimethoprim-Resistant DfrB-Type Dihydrofolate Reductase. Antimicrobial Agents and Chemotherapy, 2006, 50, 2863-2865.	3.2	19
133	The complete sequence of Salmonella genomic island SGI1-K. Journal of Antimicrobial Chemotherapy, 2015, 70, 305-306.	3.0	19
134	Production of the K16 capsular polysaccharide by Acinetobacter baumannii ST25 isolate D4 involves a novel glycosyltransferase encoded in the KL16 gene cluster. International Journal of Biological Macromolecules, 2019, 128, 101-106.	7.5	19
135	IS26cannot move alone. Journal of Antimicrobial Chemotherapy, 2021, 76, 1428-1432.	3.0	19
136	A smallAcinetobacterplasmid carrying thetet39tetracycline resistance determinant. Journal of Antimicrobial Chemotherapy, 2016, 71, 269-271.	3.0	18
137	RCH51, a multiply antibiotic-resistant Acinetobacter baumannii ST103IP isolate, carries resistance genes in three plasmids, including a novel potentially conjugative plasmid carrying oxa235 in transposon Tn6252. Journal of Antimicrobial Chemotherapy, 2017, 72, 1907-1910.	3.0	18
138	The K90 capsular polysaccharide produced by Acinetobacter baumannii LUH5553 contains di-N-acetylpseudaminic acid and is structurally related to the K7 polysaccharide from A. baumannii LUH5533. Carbohydrate Research, 2019, 479, 1-5.	2.3	18
139	K units of the K8 and K54 capsular polysaccharides produced by Acinetobacter baumannii BAL 097 and RCH52 have the same structure but contain different di-N-acyl derivatives of legionaminic acid and are linked differently. Carbohydrate Research, 2019, 483, 107745.	2.3	17
140	Involvement of a multifunctional rhamnosyltransferase in the synthesis of three related Acinetobacter baumannii capsular polysaccharides, K55, K74 and K85. International Journal of Biological Macromolecules, 2021, 166, 1230-1237.	7.5	17
141	Amikacin resistance plasmids in extensively antibiotic-resistant GC2 Acinetobacter baumannii from two Australian hospitals. Journal of Antimicrobial Chemotherapy, 2014, 69, 3435-3437.	3.0	16
142	The complete sequence of Salmonella genomic island SGI2. Journal of Antimicrobial Chemotherapy, 2015, 70, 617-619.	3.0	16
143	Complete Genome Sequence of A388, an Antibiotic-Resistant Acinetobacter baumannii Global Clone 1 Isolate from Greece. Microbiology Resource Announcements, 2019, 8, .	0.6	16
144	The K26 capsular polysaccharide from Acinetobacter baumannii KZ-1098: Structure and cleavage by a specific phage depolymerase. International Journal of Biological Macromolecules, 2021, 191, 182-191.	7.5	16

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145	Unambiguous Numbering of Antibiotic Resistance Genes. Antimicrobial Agents and Chemotherapy, 2003, 47, 3998-3999.	3.2	15
146	The resistance gene complement of D4, a multiply antibiotic-resistant ST25Acinetobacter baumanniiisolate, resides in two genomic islands and a plasmid. Journal of Antimicrobial Chemotherapy, 2016, 71, 1730-1732.	3.0	15
147	An outbreak of multiply antibiotic-resistant ST49:ST128:KL11:OCL8Acinetobacter baumanniiisolates at a Sydney hospital. Journal of Antimicrobial Chemotherapy, 2021, 76, 893-900.	3.0	15
148	Acinetobacter baumannii isolate BAL_212 from Vietnam produces the K57 capsular polysaccharide containing a rarely occurring amino sugar N-acetylviosamine. Microbiology (United Kingdom), 2018, 164, 217-220.	1.8	14
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