

Ruth M Hall

List of Publications by Year in descending order

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26567

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docs citations

199
times ranked

5233
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile gene cassettes and integrons: capture and spread of genes by site-specific recombination. <i>Molecular Microbiology</i> , 2006, 15, 593-600.	1.2	641
2	Transposon Tn <i>21</i> , Flagship of the Floating Genome. <i>Microbiology and Molecular Biology Reviews</i> , 1999, 63, 507-522.	2.9	551
3	Structure and function of 59â€base element recombination sites associated with mobile gene cassettes. <i>Molecular Microbiology</i> , 1997, 26, 731-745.	1.2	292
4	Movement of IS <i>26</i> -Associated Antibiotic Resistance Genes Occurs via a Translocatable Unit That Includes a Single IS <i>26</i> and Preferentially Inserts Adjacent to Another IS <i>26</i> . <i>MBio</i> , 2014, 5, e01801-14.	1.8	282
5	Variation in the Complex Carbohydrate Biosynthesis Loci of <i>Acinetobacter baumannii</i> Genomes. <i>PLoS ONE</i> , 2013, 8, e62160.	1.1	264
6	Antibiotic resistance in gram-negative bacteria: the role of gene cassettes and integrons. <i>Drug Resistance Updates</i> , 1998, 1, 109-119.	6.5	245
7	Site-specific insertion of gene cassettes into integrons. <i>Molecular Microbiology</i> , 1993, 9, 41-52.	1.2	203
8	IS <i>26</i> -Mediated Formation of Transposons Carrying Antibiotic Resistance Genes. <i>MSphere</i> , 2016, 1, .	1.3	194
9	Origins of the mobile gene cassettes found in integrons. <i>Trends in Microbiology</i> , 1997, 5, 389-394.	3.5	191
10	Transposons Tn 1696 and Tn 21 and Their Integrons In4 and In2 Have Independent Origins. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1263-1270.	1.4	189
11	Gene cassettes from the insert region of integrons are excised as covalently closed circles. <i>Molecular Microbiology</i> , 1992, 6, 2875-2885.	1.2	173
12	Commensal <i>Escherichia coli</i> of healthy humans: a reservoir for antibiotic-resistance determinants. <i>Journal of Medical Microbiology</i> , 2010, 59, 1331-1339.	0.7	171
13	Nucleotide sequence of the AAD(2â€) aminoglycoside adenyltransferase determinant aadB. Evolutionary relationship of this region with those surrounding aadAin R538-1 and dhfrIII R388. <i>Nucleic Acids Research</i> , 1986, 14, 8625-8635.	6.5	163
14	The Genomic Island SGI1, Containing the Multiple Antibiotic Resistance Region of <i>Salmonella enterica</i> Serovar Typhimurium DT104 or Variants of It, Is Widely Distributed in Other <i>S. enterica</i> Serovars. <i>Journal of Bacteriology</i> , 2005, 187, 4401-4409.	1.0	161
15	The A to Z of A/C plasmids. <i>Plasmid</i> , 2015, 80, 63-82.	0.4	155
16	Five decades of genome evolution in the globally distributed, extensively antibiotic-resistant <i>Acinetobacter baumannii</i> global clone 1. <i>Microbial Genomics</i> , 2016, 2, e000052.	1.0	155
17	Evolution of AbaR-type genomic resistance islands in multiply antibiotic-resistant <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1162-1170.	1.3	149
18	In34, a Complex In5 Family Class 1 Integron Containing orf513 and dfrA10. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 342-349.	1.4	135

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19	AbaR5, a Large Multiple-Antibiotic Resistance Region Found in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2667-2671.	1.4	130
20	<i>Salmonella</i> genomic islands and antibiotic resistance in <i>Salmonella enterica</i> . <i>Future Microbiology</i> , 2010, 5, 1525-1538.	1.0	127
21	Structure and context of <i>Acinetobacter</i> transposons carrying the <i>oxa23</i> carbapenemase gene. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1135-1147.	1.3	127
22	Distribution of the <i>bla</i> TEM gene and <i>bla</i> TEM-containing transposons in commensal <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 745-751.	1.3	126
23	Family of Class 1 Integrons Related to In4 from Tn 1696. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 3014-3020.	1.4	125
24	ISMMapper: identifying transposase insertion sites in bacterial genomes from short read sequence data. <i>BMC Genomics</i> , 2015, 16, 667.	1.2	119
25	Identification of <i>Acinetobacter baumannii</i> loci for capsular polysaccharide (KL) and lipooligosaccharide outer core (OCL) synthesis in genome assemblies using curated reference databases compatible with Kaptive. <i>Microbial Genomics</i> , 2020, 6, .	1.0	118
26	Definition of the attI1 site of class 1 integrons. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2855-2864.	0.7	117
27	Characterisation of specific and secondary recombination sites recognised by the integron DNA integrase. <i>Nucleic Acids Research</i> , 1994, 22, 2071-2078.	6.5	116
28	Characterization of the Class 3 Integron and the Site-Specific Recombination System It Determines. <i>Journal of Bacteriology</i> , 2002, 184, 3017-3026.	1.0	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. <i>Journal of Bacteriology</i> , 2003, 185, 6371-6384.	1.0	106
30	The AbaR antibiotic resistance islands found in <i>Acinetobacter baumannii</i> global clone 1 – Structure, origin and evolution. <i>Drug Resistance Updates</i> , 2018, 41, 26-39.	6.5	104
31	Transposons Related to Tn 1696 in IncHI2 Plasmids in Multiply Antibiotic Resistant <i>Salmonella enterica</i> Serovar Typhimurium from Australian Animals. <i>Microbial Drug Resistance</i> , 2010, 16, 197-202.	0.9	102
32	Binding of the purified integron DNA integrase IntI1 to integron and cassette-associated recombination sites. <i>Molecular Microbiology</i> , 1998, 29, 477-490.	1.2	100
33	AbaR4 replaces AbaR3 in a carbapenem-resistant <i>Acinetobacter baumannii</i> isolate belonging to global clone 1 from an Australian hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2484-2491.	1.3	99
34	Variants of the gentamicin and tobramycin resistance plasmid pRAY are widely distributed in <i>Acinetobacter</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2833-2836.	1.3	98
35	The <i>tet39</i> Determinant and the <i>msrE-mphE</i> Genes in <i>Acinetobacter</i> Plasmids Are Each Part of Discrete Modules Flanked by Inversely Oriented <i>p dif</i> (XerC-XerD) Sites. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	98
36	IS 26-Mediated Precise Excision of the IS 26 - <i>aphA1a</i> Translocatable Unit. <i>MBio</i> , 2015, 6, e01866-15.	1.8	97

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37	Compatibility and entry exclusion of IncA and IncC plasmids revisited: IncA and IncC plasmids are compatible. <i>Plasmid</i> , 2018, 96-97, 7-12.	0.4	96
38	Sequence analysis of the inducible chloramphenicol resistance determinant in the TN1696 integron suggests regulation by translational attenuation. <i>Plasmid</i> , 1991, 26, 10-19.	0.4	94
39	Aminoglycoside resistance in multiply antibiotic-resistant <i>Acinetobacter baumannii</i> belonging to global clone 2 from Australian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1504-1509.	1.3	94
40	Integrans and gene cassettes: hotspots of diversity in bacterial genomes. <i>Annals of the New York Academy of Sciences</i> , 2012, 1267, 71-78.	1.8	91
41	Structure of the K2 capsule associated with the KL2 gene cluster of <i>Acinetobacter baumannii</i> . <i>Glycobiology</i> , 2014, 24, 554-563.	1.3	88
42	Efficiency of Recombination Reactions Catalyzed by Class 1 Integron Integrase IntI1. <i>Journal of Bacteriology</i> , 2001, 183, 2535-2542.	1.0	85
43	A GC1 <i>Acinetobacter baumannii</i> isolate carrying AbaR3 and the aminoglycoside resistance transposon TnaphA6 in a conjugative plasmid. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 955-958.	1.3	83
44	Variation in the OC Locus of <i>Acinetobacter baumannii</i> Genomes Predicts Extensive Structural Diversity in the Lipooligosaccharide. <i>PLoS ONE</i> , 2014, 9, e107833.	1.1	83
45	A large conjugative <i>Acinetobacter baumannii</i> plasmid carrying the sul2 sulphonamide and strAB streptomycin resistance genes. <i>Plasmid</i> , 2016, 87-88, 43-50.	0.4	81
46	A novel family of genomic resistance islands, AbGRI2, contributing to aminoglycoside resistance in <i>Acinetobacter baumannii</i> isolates belonging to global clone 2. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 554-557.	1.3	77
47	Evolution of IncHI2 plasmids via acquisition of transposons carrying antibiotic resistance determinants. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1121-1127.	1.3	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. <i>Molecular Microbiology</i> , 1995, 15, 179-187.	1.2	70
49	SGI1-K, a Variant of the SGI1 Genomic Island Carrying a Mercury Resistance Region, in <i>Salmonella enterica</i> Serovar Kentucky. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 317-323.	1.4	69
50	pRMH760, a Precursor of A/C ₂ Plasmids Carrying <i>bla</i> _{CMY} and <i>bla</i> _{NDM} Genes. <i>Microbial Drug Resistance</i> , 2014, 20, 416-423.	0.9	69
51	SGI2, a Relative of <i>Salmonella</i> Genomic Island SGI1 with an Independent Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2529-2537.	1.4	68
52	<i>Acinetobacter baumannii</i> K27 and K44 capsular polysaccharides have the same K unit but different structures due to the presence of distinct <i>wzy</i> genes in otherwise closely related K gene clusters. <i>Glycobiology</i> , 2016, 26, 501-508.	1.3	68
53	Repeated local emergence of carbapenem-resistant <i>Acinetobacter baumannii</i> in a single hospital ward. <i>Microbial Genomics</i> , 2016, 2, e000050.	1.0	65
54	GIsul2, a genomic island carrying the sul2 sulphonamide resistance gene and the small mobile element CR2 found in the <i>Enterobacter cloacae</i> subspecies <i>cloacae</i> type strain ATCC 13047 from 1890, <i>Shigella flexneri</i> ATCC 700930 from 1954 and <i>Acinetobacter baumannii</i> ATCC 17978 from 1951. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2175-2176.	1.3	64

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55	Database for the ampC alleles in <i>Acinetobacter baumannii</i> . PLoS ONE, 2017, 12, e0176695.	1.1	63
56	ISAbal targets a specific position upstream of the intrinsic ampC gene of <i>Acinetobacter baumannii</i> leading to cephalosporin resistance. Journal of Antimicrobial Chemotherapy, 2013, 68, 2682-2683.	1.3	61
57	Tn6168, a transposon carrying an ISAbal-activated ampC gene and conferring cephalosporin resistance in <i>Acinetobacter baumannii</i> . Journal of Antimicrobial Chemotherapy, 2014, 69, 77-80.	1.3	61
58	Evolution and typing of IncC plasmids contributing to antibiotic resistance in Gram-negative bacteria. Plasmid, 2018, 99, 40-55.	0.4	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.	1.2	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.	1.3	57
61	A conjugative plasmid carrying the carbapenem resistance gene blaOXA-23 in AbaR4 in an extensively resistant GC1 <i>Acinetobacter baumannii</i> isolate. Journal of Antimicrobial Chemotherapy, 2014, 69, 2625-2628.	1.3	57
62	Evolution of AbGRI2-0, the Progenitor of the AbGRI2 Resistance Island in Global Clone 2 of <i>Acinetobacter baumannii</i> . Antimicrobial Agents and Chemotherapy, 2016, 60, 1421-1429.	1.4	57
63	Resistance gene naming and numbering: is it a new gene or not?. Journal of Antimicrobial Chemotherapy, 2016, 71, 569-571.	1.3	57
64	Tn 1403 , a Multiple-Antibiotic Resistance Transposon Made Up of Three Distinct Transposons. Antimicrobial Agents and Chemotherapy, 2007, 51, 1827-1829.	1.4	56
65	5,7-di-N-acetyl-acinetaminic acid: A novel non-2-ulosonic acid found in the capsule of an <i>Acinetobacter baumannii</i> isolate. Glycobiology, 2015, 25, 644-654.	1.3	56
66	Structures bounded by directly-oriented members of the IS26 family are pseudo-compound transposons.. Plasmid, 2020, 111, 102530.	0.4	54
67	Tn6167, an antibiotic resistance island in an Australian carbapenem-resistant <i>Acinetobacter baumannii</i> GC2, ST92 isolate. Journal of Antimicrobial Chemotherapy, 2012, 67, 1342-1346.	1.3	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.	1.4	50
69	Genomic resistance island AGI1 carrying a complex class 1 integron in a multiply antibiotic-resistant ST25<i>Acinetobacter baumannii</i> isolate. Journal of Antimicrobial Chemotherapy, 2015, 70, 2519-2523.	1.3	50
70	Genetic structure of four plasmids found in <i>Acinetobacter baumannii</i> isolate D36 belonging to lineage 2 of global clone 1. PLoS ONE, 2018, 13, e0204357.	1.1	50
71	Evolution of a clade of <i>Acinetobacter baumannii</i> global clone 1, lineage 1 via acquisition of carbapenem- and aminoglycoside-resistance genes and dispersion of ISAbal. Microbial Genomics, 2019, 5, .	1.0	49
72	Distribution of Human Commensal <i>Escherichia coli</i> Phylogenetic Groups. Journal of Clinical Microbiology, 2010, 48, 3455-3456.	1.8	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.	1.1	47
74	Variants of AbGRI3 carrying the <i>armA</i> gene in extensively antibiotic-resistant <i>Acinetobacter baumannii</i> from Singapore. Journal of Antimicrobial Chemotherapy, 2017, 72, dkw542.	1.3	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.	3.6	43
76	Carbapenem and amikacin resistance on a large conjugative <i>Acinetobacter baumannii</i> plasmid. Journal of Antimicrobial Chemotherapy, 2015, 70, 1259-1261.	1.3	42
77	Loss and gain of aminoglycoside resistance in global clone 2 <i>Acinetobacter baumannii</i> in Australia via modification of genomic resistance islands and acquisition of plasmids. Journal of Antimicrobial Chemotherapy, 2016, 71, 2432-2440.	1.3	42
78	An analysis of the IS6/IS26 family of insertion sequences: is it a single family?. Microbial Genomics, 2019, 5, .	1.0	42
79	K19 capsular polysaccharide of <i>Acinetobacter baumannii</i> 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.	0.7	41
80	The multiresistant <i>Acinetobacter baumannii</i> European clone I type strain RUH875 (A297) carries a genomic antibiotic resistance island AbaR21, plasmid pRAY and a cluster containing ISAbal-sul2-CR2-strB-strA. Journal of Antimicrobial Chemotherapy, 2011, 66, 1928-1930.	1.3	40
81	Genomic epidemiology of severe community-onset <i>Acinetobacter baumannii</i> infection. Microbial Genomics, 2019, 5, .	1.0	40
82	pCERC3 from a commensal ST95 <i>Escherichia coli</i> : A ColV virulence-multiresistance plasmid carrying a sul3-associated class 1 integron. Plasmid, 2016, 84-85, 11-19.	0.4	39
83	New Integron-Associated Gene Cassette Encoding a 3- N -Aminoglycoside Acetyltransferase. Antimicrobial Agents and Chemotherapy, 2005, 49, 1238-1241.	1.4	38
84	IncM Plasmid R1215 Is the Source of Chromosomally Located Regions Containing Multiple Antibiotic Resistance Genes in the Globally Disseminated <i>Acinetobacter baumannii</i> GC1 and GC2 Clones. MSphere, 2016, 1, .	1.3	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.	0.9	38
86	Mobilisation of a small <i>Acinetobacter</i> plasmid carrying an oriT transfer origin by conjugative RepAci6 plasmids. Plasmid, 2019, 103, 36-44.	0.4	38
87	Antibiotic resistance islands in A320 (RUH134), the reference strain for <i>Acinetobacter baumannii</i> global clone 2. Journal of Antimicrobial Chemotherapy, 2012, 67, 335-338.	1.3	37
88	Distribution of the <i>bla</i> OXA-23-containing transposons Tn2006 and Tn2008 in Australian carbapenem-resistant <i>Acinetobacter baumannii</i> isolates. Journal of Antimicrobial Chemotherapy, 2015, 70, 2409-2411.	1.3	37
89	Prediction of antibiotic resistance from antibiotic resistance genes detected in antibiotic-resistant commensal <i>Escherichia coli</i> using PCR or WGS. Journal of Antimicrobial Chemotherapy, 2016, 72, dkw511.	1.3	36
90	Problems with the Oxford Multilocus Sequence Typing Scheme for <i>Acinetobacter baumannii</i> : Do Sequence Type 92 (ST92) and ST109 Exist?. Journal of Clinical Microbiology, 2017, 55, 2287-2289.	1.8	36

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91	Identification of a marker for two lineages within the GC1 clone of <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 557-558.	1.3	35
92	Structure of the K12 capsule containing 5,7-di- <i>N</i> -acetylacinetaminic acid from <i>Acinetobacter baumannii</i> isolate D36. <i>Glycobiology</i> , 2015, 25, 881-887.	1.3	35
93	Transposon Tn <i>5393</i> Carrying the <i>aphA1</i> -Containing Transposon Tn <i>6023</i> Upstream of <i>strAB</i> Does Not Confer Resistance to Streptomycin. <i>Microbial Drug Resistance</i> , 2011, 17, 389-394.	0.9	34
94	Destabilization of IncA and IncC plasmids by SGI1 and SGI2 type <i>Salmonella</i> genomic islands. <i>Plasmid</i> , 2016, 87-88, 51-57.	0.4	34
95	Targeted conservative formation of cointegrates between two DNA molecules containing IS <i>26</i> occurs via strand exchange at either IS end. <i>Molecular Microbiology</i> , 2017, 106, 409-418.	1.2	34
96	Horizontal transfer of an IS <i>Aba125</i> -activated <i>ampC</i> gene between <i>Acinetobacter baumannii</i> strains leading to cephalosporin resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 244-245.	1.3	33
97	Insertions in the OCL1 locus of <i>Acinetobacter baumannii</i> lead to shortened lipooligosaccharides. <i>Research in Microbiology</i> , 2014, 165, 472-475.	1.0	33
98	Related structures of neutral capsular polysaccharides of <i>Acinetobacter baumannii</i> isolates that carry related capsule gene clusters KL43, KL47, and KL88. <i>Carbohydrate Research</i> , 2016, 435, 173-179.	1.1	33
99	pIP40a, a type 1 IncC plasmid from 1969 carries the integrative element GI sul2 and a novel class II mercury resistance transposon. <i>Plasmid</i> , 2017, 92, 17-25.	0.4	33
100	Antibiotic-resistant <i>Acinetobacter baumannii</i> variants belonging to global clone 1. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1039-1040.	1.3	32
101	pCERC1, a Small, Globally Disseminated Plasmid Carrying the <i>dfrA14</i> Cassette in the <i>strA</i> Gene of the <i>sul2-strA-strB</i> Gene Cluster. <i>Microbial Drug Resistance</i> , 2012, 18, 364-371.	0.9	32
102	pACICU2 is a conjugative plasmid of <i>Acinetobacter</i> carrying the aminoglycoside resistance transposon Tn <i>aphA6</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1146-1148.	1.3	32
103	Genome Sequence of <i>Acinetobacter baumannii</i> Strain D36, an Antibiotic-Resistant Isolate from Lineage 2 of Global Clone 1. <i>Genome Announcements</i> , 2015, 3, .	0.8	32
104	Plasmids in antibiotic susceptible and antibiotic resistant commensal <i>Escherichia coli</i> from healthy Australian adults. <i>Plasmid</i> , 2015, 80, 24-31.	0.4	32
105	Origin of the AbGRI1 antibiotic resistance island found in the <i>comM</i> gene of <i>Acinetobacter baumannii</i> GC2 isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2944-2947.	1.3	32
106	<i>Acinetobacter baumannii</i> ATCC 19606 Carries GI sul2 in a Genomic Island Located in the Chromosome. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	32
107	K17 capsular polysaccharide produced by <i>Acinetobacter baumannii</i> isolate G7 contains an amide of 2-acetamido-2-deoxy-d-galacturonic acid with d-alanine. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 857-862.	3.6	32
108	Correctly Identifying the Streptothricin Resistance Gene Cassette. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4298-4300.	1.8	30

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109	A type 2 A/C2 plasmid carrying the <i>aacC4</i> apramycin resistance gene and the <i>erm</i> (42) erythromycin resistance gene recovered from two <i>Salmonella enterica</i> serovars. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1021-1025.	1.3	30
110	5,7-Di-N-acetyl-8-epiacinetaminic acid: A new non-2-ulosonic acid found in the K73 capsule produced by an <i>Acinetobacter baumannii</i> isolate from Singapore. <i>Scientific Reports</i> , 2017, 7, 11357.	1.6	30
111	Emergence and Evolution of Multiply Antibiotic-Resistant <i>Salmonella enterica</i> Serovar Paratyphi B <i>scp</i> _d -Tartrate-Utilizing Strains Containing SGI1. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2319-2326.	1.4	29
112	Genome Sequence of <i>Acinetobacter baumannii</i> Strain A1, an Early Example of Antibiotic-Resistant Global Clone 1. <i>Genome Announcements</i> , 2015, 3, .	0.8	29
113	Structure of the K6 capsular polysaccharide from <i>Acinetobacter baumannii</i> isolate RBH4. <i>Carbohydrate Research</i> , 2015, 409, 30-35.	1.1	29
114	Does the intrinsic <i>oxaAb</i> (<i>bla</i> OXA-51-like) gene of <i>Acinetobacter baumannii</i> confer resistance to carbapenems when activated by IS <i>Aba</i> 1?. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3518-3520.	1.3	29
115	The KL24 gene cluster and a genomic island encoding a <i>Wzy</i> polymerase contribute genes needed for synthesis of the K24 capsular polysaccharide by the multiply antibiotic resistant <i>Acinetobacter baumannii</i> isolate RCH51. <i>Microbiology (United Kingdom)</i> , 2017, 163, 355-363.	0.7	29
116	Structure of repeating unit of the capsular polysaccharide from <i>Acinetobacter baumannii</i> D78 and assignment of the K4 gene cluster. <i>Carbohydrate Research</i> , 2016, 434, 12-17.	1.1	28
117	<i>Acinetobacter baumannii</i> K20 and K21 capsular polysaccharide structures establish roles for UDP-glucose dehydrogenase <i>Ugd2</i> , pyruvyl transferase <i>Ptr2</i> and two glycosyltransferases. <i>Glycobiology</i> , 2018, 28, 876-884.	1.3	28
118	Integrons or super integrons?. <i>Microbiology (United Kingdom)</i> , 2004, 150, 3-4.	0.7	26
119	The K46 and K5 capsular polysaccharides produced by <i>Acinetobacter baumannii</i> NIPH 329 and SDF have related structures and the side-chain non-ulosonic acids are 4-O-acetylated by phage-encoded O-acetyltransferases. <i>PLoS ONE</i> , 2019, 14, e0218461.	1.1	26
120	IS <i>26</i> Family Members IS <i>257</i> and IS <i>1216</i> Also Form Cointegrates by Copy-In and Targeted Conservative Routes. <i>MSphere</i> , 2020, 5, .	1.3	26
121	Detection of Gene Cassettes in Tn 402 -Like Class 1 Integrans. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3467-3468.	1.4	25
122	An IS <i>26</i> variant with enhanced activity. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	25
123	Unusual Class 1 Integron Configuration Found in <i>S</i> <i>almonella</i> Genomic Island 2 from <i>Salmonella enterica</i> Serovar Emek. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 513-516.	1.4	24
124	Structural determination of the K14 capsular polysaccharide from an ST25 <i>Acinetobacter baumannii</i> isolate, D46. <i>Carbohydrate Research</i> , 2015, 417, 52-56.	1.1	24
125	p <i>Buzz</i> : A cryptic rolling-circle plasmid from a commensal <i>Escherichia coli</i> has two inversely oriented oriTs and is mobilised by a B/O plasmid. <i>Plasmid</i> , 2019, 101, 10-19.	0.4	24
126	Unusual Class 1 Integron-Associated Gene Cassette Configuration Found in IncA/C Plasmids from <i>Salmonella enterica</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2640-2642.	1.4	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. <i>Plasmid</i> , 2017, 89, 42-48.	0.4	22
128	The structure of a partial duplication in the integron of plasmid pDGO100. <i>Plasmid</i> , 1990, 23, 76-79.	0.4	21
129	Evolution in situ of ARI-A in pB2-1, a type 1 IncC plasmid recovered from <i>Klebsiella pneumoniae</i> , and stability of Tn 4352 B. <i>Plasmid</i> , 2017, 94, 7-14.	0.4	21
130	Resistance to third-generation cephalosporins in <i>Acinetobacter baumannii</i> due to horizontal transfer of a chromosomal segment containing ISAbal-ampC. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2865-2866.	1.3	20
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133	The complete sequence of <i>Salmonella</i> genomic island SG11-K. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 305-306.	1.3	19
134	Production of the K16 capsular polysaccharide by <i>Acinetobacter baumannii</i> ST25 isolate D4 involves a novel glycosyltransferase encoded in the KL16 gene cluster. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 101-106.	3.6	19
135	IS ₂₆ cannot move alone. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1428-1432.	1.3	19
136	A small <i>Acinetobacter</i> plasmid carrying the tet39 tetracycline resistance determinant. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 269-271.	1.3	18
137	RCH51, a multiply antibiotic-resistant <i>Acinetobacter baumannii</i> ST103IP isolate, carries resistance genes in three plasmids, including a novel potentially conjugative plasmid carrying oxa235 in transposon Tn6252. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1907-1910.	1.3	18
138	The K90 capsular polysaccharide produced by <i>Acinetobacter baumannii</i> LUH5553 contains di-N-acetylpsseudaminic acid and is structurally related to the K7 polysaccharide from <i>A. baumannii</i> LUH5533. <i>Carbohydrate Research</i> , 2019, 479, 1-5.	1.1	18
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141	Amikacin resistance plasmids in extensively antibiotic-resistant GC2 <i>Acinetobacter baumannii</i> from two Australian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3435-3437.	1.3	16
142	The complete sequence of <i>Salmonella</i> genomic island SG12. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 617-619.	1.3	16
143	Complete Genome Sequence of A388, an Antibiotic-Resistant <i>Acinetobacter baumannii</i> Global Clone 1 Isolate from Greece. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	16
144	The K26 capsular polysaccharide from <i>Acinetobacter baumannii</i> KZ-1098: Structure and cleavage by a specific phage depolymerase. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 182-191.	3.6	16

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147	An outbreak of multiply antibiotic-resistant ST49:ST128:KL11:OCL8 <i>Acinetobacter baumannii</i> isolates at a Sydney hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 893-900.	1.3	15
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