

Johanna J Kenyon

List of Publications by Year in descending order

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60
papers

2,034
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218677

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42
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64
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64
docs citations

64
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of Bacterial Polysaccharides. , 2022, , 453-479.		0
2	Involvement of a Phage-Encoded Wzy Protein in the Polymerization of K127 Units To Form the Capsular Polysaccharide of <i>Acinetobacter baumannii</i> Isolate 36-1454. <i>Microbiology Spectrum</i> , 2022, 10, e0150321.	3.0	7
3	The K89 capsular polysaccharide produced by <i>Acinetobacter baumannii</i> LUH5552 consists of a pentameric repeat-unit that includes a 3-acetamido-3,6-dideoxy-d-galactose residue. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 515-521.	7.5	2
4	Involvement of a multifunctional rhamnosyltransferase in the synthesis of three related <i>Acinetobacter baumannii</i> capsular polysaccharides, K55, K74 and K85. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1230-1237.	7.5	17
5	A novel ItrA4 d-galactosyl 1-phosphate transferase is predicted to initiate synthesis of an amino sugar-lacking K92 capsular polysaccharide of <i>Acinetobacter baumannii</i> B8300. <i>Research in Microbiology</i> , 2021, 172, 103815.	2.1	8
6	<i>Acinetobacter baumannii</i> K106 and K112: Two Structurally and Genetically Related 6-Deoxy-l-talose-Containing Capsular Polysaccharides. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5641.	4.1	8
7	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.	7.5	16
8	Structure of the K87 capsular polysaccharide and KL87 gene cluster of <i>Acinetobacter baumannii</i> LUH5547 reveals a heptasaccharide repeating unit. <i>Carbohydrate Research</i> , 2021, 509, 108439.	2.3	7
9	Updated analysis of the surface carbohydrate gene clusters in the diverse panel of <i>Acinetobacter baumannii</i> isolates.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, , AAC0180721.	3.2	10
10	Correlation of <i>Acinetobacter baumannii</i> K144 and K86 capsular polysaccharide structures with genes at the K locus reveals the involvement of a novel multifunctional rhamnosyltransferase for structural synthesis. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1294-1300.	7.5	10
11	The Wzi outer membrane protein mediates assembly of a tight capsular polysaccharide layer on the <i>Acinetobacter baumannii</i> cell surface. <i>Scientific Reports</i> , 2021, 11, 21741.	3.3	10
12	The K139 capsular polysaccharide produced by <i>Acinetobacter baumannii</i> MAR17-1041 belongs to a group of related structures including K14, K37 and K116. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 2297-2303.	7.5	5
13	Phylogenomics of two ST1 antibiotic-susceptible non-clinical <i>Acinetobacter baumannii</i> strains reveals multiple lineages and complex evolutionary history in global clone 1. <i>Microbial Genomics</i> , 2021, 7, .	2.0	11
14	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.	7.5	32
15	Elucidation of the K32 Capsular Polysaccharide Structure and Characterization of the KL32 Gene Cluster of <i>Acinetobacter baumannii</i> LUH5549. <i>Biochemistry (Moscow)</i> , 2020, 85, 241-247.	1.5	8
16	Accumulation of Antibiotic Resistance Genes in Carbapenem-Resistant <i>Acinetobacter baumannii</i> Isolates Belonging to Lineage 2, Global Clone 1, from Outbreaks in 2012–2013 at a Tehran Burns Hospital. <i>MSphere</i> , 2020, 5, .	2.9	27
17	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, .	2.0	118
18	<i>Acinetobacter baumannii</i> K116 capsular polysaccharide structure is a hybrid of the K14 and revised K37 structures. <i>Carbohydrate Research</i> , 2019, 484, 107774.	2.3	26

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19	K units of the K8 and K54 capsular polysaccharides produced by <i>Acinetobacter baumannii</i> BAL 097 and RCH52 have the same structure but contain different di-N-acyl derivatives of legionaminic acid and are linked differently. <i>Carbohydrate Research</i> , 2019, 483, 107745.	2.3	17
20	Structure of the K128 capsular polysaccharide produced by <i>Acinetobacter baumannii</i> KZ-1093 from Kazakhstan. <i>Carbohydrate Research</i> , 2019, 485, 107814.	2.3	13
21	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.	7.5	19
22	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.	2.5	26
23	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.	2.3	18
24	Genomic epidemiology of severe community-onset <i>Acinetobacter baumannii</i> infection. <i>Microbial Genomics</i> , 2019, 5, .	2.0	40
25	Structure of the K82 Capsular Polysaccharide from <i>Acinetobacter baumannii</i> LUH5534 Containing a d-Galactose 4,6-Pyruvic Acid Acetal. <i>Biochemistry (Moscow)</i> , 2018, 83, 831-835.	1.5	18
26	<i>Acinetobacter baumannii</i> K20 and K21 capsular polysaccharide structures establish roles for UDP-glucose dehydrogenase Ugd2, pyruvyl transferase Ptr2 and two glycosyltransferases. <i>Glycobiology</i> , 2018, 28, 876-884.	2.5	28
27	<i>Acinetobacter baumannii</i> isolate BAL_212 from Vietnam produces the K57 capsular polysaccharide containing a rarely occurring amino sugar N-acetylvirosamine. <i>Microbiology (United Kingdom)</i> , 2018, 164, 217-220.	1.8	14
28	Genetics of biosynthesis and structure of the K53 capsular polysaccharide of <i>Acinetobacter baumannii</i> D23 made up of a disaccharide K unit. <i>Microbiology (United Kingdom)</i> , 2018, 164, 1289-1292.	1.8	13
29	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.	8.6	48
30	Structures of the K35 and K15 capsular polysaccharides of <i>Acinetobacter baumannii</i> LUH5535 and LUH5554 containing amino and diamino uronic acids. <i>Carbohydrate Research</i> , 2017, 448, 28-34.	2.3	43
31	<i>Acinetobacter baumannii</i> K11 and K83 capsular polysaccharides have the same 6-deoxy- l -talose-containing pentasaccharide K units but different linkages between the K units. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 648-655.	7.5	43
32	Rapid customised operon assembly by yeast recombinational cloning. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4569-4580.	3.6	8
33	<i>Acinetobacter baumannii</i> 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. <i>Carbohydrate Research</i> , 2017, 452, 149-155.	2.3	47
34	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.	3.3	30
35	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 <i>Acinetobacter baumannii</i> isolate RCH51. <i>Microbiology (United Kingdom)</i> , 2017, 163, 355-363.	1.8	29
36	Serotype O:8 isolates in the <i>Yersinia pseudotuberculosis</i> complex have different O-antigen gene clusters and produce various forms of rough LPS. <i>Innate Immunity</i> , 2016, 22, 205-217.	2.4	4

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37	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.	2.3	28
38	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.	2.3	33
39	<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.	2.5	68
40	Repeated local emergence of carbapenem-resistant <i>Acinetobacter baumannii</i> in a single hospital ward. <i>Microbial Genomics</i> , 2016, 2, e000050.	2.0	65
41	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.	2.0	155
42	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. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1479-1489.	1.8	41
43	Structure of the neutral capsular polysaccharide of <i>Acinetobacter baumannii</i> NIPH146 that carries the KL37 capsule gene cluster. <i>Carbohydrate Research</i> , 2015, 413, 12-15.	2.3	37
44	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
45	Structure of the K12 capsule containing 5,7-di-N-acetylacinetaminic acid from <i>Acinetobacter baumannii</i> isolate D36. <i>Glycobiology</i> , 2015, 25, 881-887.	2.5	35
46	5,7-di-N-acetyl-acinetaminic acid: A novel non-2-ulosonic acid found in the capsule of an <i>Acinetobacter baumannii</i> isolate. <i>Glycobiology</i> , 2015, 25, 644-654.	2.5	56
47	Structure of the K6 capsular polysaccharide from <i>Acinetobacter baumannii</i> isolate RBH4. <i>Carbohydrate Research</i> , 2015, 409, 30-35.	2.3	29
48	Structures of three different neutral polysaccharides of <i>Acinetobacter baumannii</i> , NIPH190, NIPH201, and NIPH615, assigned to K30, K45, and K48 capsule types, respectively, based on capsule biosynthesis gene clusters. <i>Carbohydrate Research</i> , 2015, 417, 81-88.	2.3	31
49	Structural determination of the K14 capsular polysaccharide from an ST25 <i>Acinetobacter baumannii</i> isolate, D46. <i>Carbohydrate Research</i> , 2015, 417, 52-56.	2.3	24
50	Structure of the K2 capsule associated with the KL2 gene cluster of <i>Acinetobacter baumannii</i> . <i>Glycobiology</i> , 2014, 24, 554-563.	2.5	88
51	A conjugative plasmid carrying the carbapenem resistance gene blaOXA-23 in AbaR4 in an extensively resistant GC1 <i>Acinetobacter baumannii</i> isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2625-2628.	3.0	57
52	Insertions in the OCL1 locus of <i>Acinetobacter baumannii</i> lead to shortened lipooligosaccharides. <i>Research in Microbiology</i> , 2014, 165, 472-475.	2.1	33
53	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.	2.5	83
54	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.	2.5	18

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55	The Wzy O-antigen polymerase of <i>Yersinia pseudotuberculosis</i> O:2a has a dependence on the Wzz chain-length determinant for efficient polymerization. <i>FEMS Microbiology Letters</i> , 2013, 349, 163-170.	1.8	11
56	Variation in the Complex Carbohydrate Biosynthesis Loci of <i>Acinetobacter baumannii</i> Genomes. <i>PLoS ONE</i> , 2013, 8, e62160.	2.5	264
57	The genetics and structure of the O-specific polysaccharide of <i>Yersinia pseudotuberculosis</i> serotype O:10 and its relationship with <i>Escherichia coli</i> O111 and <i>Salmonella enterica</i> O35. <i>Glycobiology</i> , 2011, 21, 1131-1139.	2.5	14
58	Genetic characterisation and structural analysis of the O-specific polysaccharide of <i>Yersinia pseudotuberculosis</i> serotype O:1c. <i>Innate Immunity</i> , 2011, 17, 183-190.	2.4	13
59	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.	2.3	17
60	GATES: An Online Step-Wise Tool to Develop Student Collaborative Teamwork Competencies. <i>Innovative Higher Education</i> , 0, , 1.	2.5	0