Helen Billman-Jacobe

List of Publications by Year in Descending Order

66 papers	2,360 citations	29 h-index	47 g-index
72 ext. papers	2,728 ext. citations	3.7 avg, IF	4.44 L-index

#	Paper	IF	Citations
66	Antimicrobial stewardship in companion animal practice: an implementation trial in 135 general practice veterinary clinics.. *JAC-Antimicrobial Resistance*, **2022**, 4, dlac015	2.9	0
65	Antimicrobial stewardship in Australia: the role of qualitative research in programme development. *JAC-Antimicrobial Resistance*, **2021**, 3, dlab166	2.9	2
64	Faecal microbiota and antimicrobial resistance gene profiles of healthy foals. *Equine Veterinary Journal*, **2021**, 53, 806-816	2.4	2
63	In-Water Antibiotic Dosing Practices on Pig Farms. *Antibiotics*, **2021**, 10,	4.9	3
62	Antibiotic Resistance Genes in Antibiotic-Free Chicken Farms. *Antibiotics*, **2020**, 9,	4.9	8
61	Impact of insertion sequences on convergent evolution of Shigella species. *PLoS Genetics*, **2020**, 16, e1008931	6	11
60	Colonization of a hand washing sink in a veterinary hospital by an Enterobacter hormaechei strain carrying multiple resistances to high importance antimicrobials. *Antimicrobial Resistance and Infection Control*, **2020**, 9, 163	6.2	5
59	Use of cefovecin in dogs and cats attending first-opinion veterinary practices in Australia. *Veterinary Record*, **2020**, 187, e95	0.9	6
58	A practical guide for managing a self-sustaining colony of Deroceras reticulatum (M□ller) (Mollusca: Pulmonata). *Biocontrol Science and Technology*, **2020**, 30, 920-928	1.7	0
57	Review: Water medication of growing pigs: sources of between-animal variability in systemic exposure to antimicrobials. *Animal*, **2019**, 13, 3031-3040	3.1	9
56	Z/I1 Hybrid Virulence Plasmids Carrying Antimicrobial Resistance genes in Typhimurium from Australian Food Animal Production. *Microorganisms*, **2019**, 7,	4.9	4
55	Exploration of antibiotic resistance risks in a veterinary teaching hospital with Oxford Nanopore long read sequencing. *PLoS ONE*, **2019**, 14, e0217600	3.7	8
54	Antimicrobial dosing for common equine drugs: a content review and practical advice for veterinarians in Australia. *Australian Veterinary Journal*, **2019**, 97, 103-107	1.2	7
53	The mitochondrial genome of. *Mitochondrial DNA Part B: Resources*, **2019**, 5, 53-54	0.5	1
52	Survey of veterinary prescribing for poultry disease. *Australian Veterinary Journal*, **2019**, 97, 288	1.2	3
51	Appraisal of the Australian Veterinary Prescribing Guidelines for antimicrobial prophylaxis for surgery in dogs and cats. *Australian Veterinary Journal*, **2019**, 97, 316-322	1.2	3
50	Global phylogenomics of multidrug-resistant Salmonella enterica serotype Kentucky ST198. *Microbial Genomics*, **2019**, 5,	4.4	33

49	Barriers to and enablers of implementing antimicrobial stewardship programs in veterinary practices. *Journal of Veterinary Internal Medicine*, **2018**, 32, 1092-1099	3.1	45
48	Antimicrobial susceptibility testing by Australian veterinary diagnostic laboratories. *Australian Veterinary Journal*, **2018**, 96, 142-146	1.2	8
47	pSTM6-275, a Conjugative IncHI2 Plasmid of Salmonella enterica That Confers Antibiotic and Heavy-Metal Resistance under Changing Physiological Conditions. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	26
46	Antimicrobials used for surgical prophylaxis by equine veterinary practitioners in Australia. *Equine Veterinary Journal*, **2018**, 50, 65-72	2.4	14
45	Population wide assessment of antimicrobial use in dogs and cats using a novel data source - A cohort study using pet insurance data. *Veterinary Microbiology*, **2018**, 225, 34-39	3.3	26
44	Antimicrobial labelling in Australia: a threat to antimicrobial stewardship?. *Australian Veterinary Journal*, **2018**, 96, 151-154	1.2	15
43	Longitudinal study of Salmonella 1,4,[5],12:i:- shedding in five Australian pig herds. *Preventive Veterinary Medicine*, **2017**, 136, 19-28	3.1	14
42	Antimicrobials used for surgical prophylaxis by companion animal veterinarians in Australia. *Veterinary Microbiology*, **2017**, 203, 301-307	3.3	20
41	Cross-sectional study of antimicrobials used for surgical prophylaxis by bovine veterinary practitioners in Australia. *Veterinary Record*, **2017**, 181, 426	0.9	8
40	Genome Sequence of an Australian Monophasic subsp. Typhimurium Isolate (TW-Stm6) Carrying a Large Plasmid with Multiple Antimicrobial Resistance Genes. *Genome Announcements*, **2017**, 5,		16
39	Meeting the Capstone Challenge in Postgraduate Food Science Education. *Journal of Food Science Education*, **2017**, 16, 77-80	0.8	2
38	ISMapper: identifying transposase insertion sites in bacterial genomes from short read sequence data. *BMC Genomics*, **2015**, 16, 667	4.5	81
37	Evidence of microevolution of Salmonella Typhimurium during a series of egg-associated outbreaks linked to a single chicken farm. *BMC Genomics*, **2013**, 14, 800	4.5	52
36	Identification of a novel gene product that promotes survival of Mycobacterium smegmatis in macrophages. *PLoS ONE*, **2012**, 7, e31788	3.7	12
35	Stress-induced synthesis of phosphatidylinositol 3-phosphate in mycobacteria. *Journal of Biological Chemistry*, **2010**, 285, 16643-50	5.4	19
34	Investigating the function of the putative mycolic acid methyltransferase UmaA: divergence between the Mycobacterium smegmatis and Mycobacterium tuberculosis proteins. *Journal of Biological Chemistry*, **2008**, 283, 1419-1427	5.4	27
33	Mutations in pimE restore lipoarabinomannan synthesis and growth in a Mycobacterium smegmatis lpqW mutant. *Journal of Bacteriology*, **2008**, 190, 3690-9	3.5	31
32	Population genetics study of isoniazid resistance mutations and evolution of multidrug-resistant Mycobacterium tuberculosis. *Antimicrobial Agents and Chemotherapy*, **2006**, 50, 2640-9	5.9	304

31	PimE is a polyprenol-phosphate-mannose-dependent mannosyltransferase that transfers the fifth mannose of phosphatidylinositol mannoside in mycobacteria. *Journal of Biological Chemistry*, **2006**, 281, 25143-55	5.4	102
30	Identification of a novel protein with a role in lipoarabinomannan biosynthesis in mycobacteria. *Journal of Biological Chemistry*, **2006**, 281, 9011-7	5.4	56
29	Function of phosphatidylinositol in mycobacteria. *Journal of Biological Chemistry*, **2005**, 280, 10981-7	5.4	47
28	Role of embB codon 306 mutations in Mycobacterium tuberculosis revisited: a novel association with broad drug resistance and IS6110 clustering rather than ethambutol resistance. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 3794-802	5.9	90
27	Compartmentalization of lipid biosynthesis in mycobacteria. *Journal of Biological Chemistry*, **2005**, 280, 21645-52	5.4	66
26	Molecular characterization of isoniazid-resistant Mycobacterium tuberculosis isolates collected in Australia. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 4068-74	5.9	42
25	Methylation of GPLs in Mycobacterium smegmatis and Mycobacterium avium. *Journal of Bacteriology*, **2004**, 186, 6792-9	3.5	32
24	A novel IS element, ISMpa1, in Mycobacterium avium subsp. paratuberculosis. *Veterinary Microbiology*, **2004**, 98, 297-306	3.3	13
23	Biosynthesis of mycobacterial phosphatidylinositol mannosides. *Biochemical Journal*, **2004**, 378, 589-97	3.8	77
22	Mannose metabolism is required for mycobacterial growth. *Biochemical Journal*, **2003**, 372, 77-86	3.8	56
21	Inactivation of mshB, a key gene in the mycothiol biosynthesis pathway in Mycobacterium smegmatis. *Microbiology (United Kingdom)*, **2003**, 149, 1341-1349	2.9	58
20	Modification of glycopeptidolipids by an O-methyltransferase of Mycobacterium smegmatis. *Microbiology (United Kingdom)*, **2002**, 148, 3079-3087	2.9	43
19	The impact of the absence of glycopeptidolipids on the ultrastructure, cell surface and cell wall properties, and phagocytosis of Mycobacterium smegmatis. *Microbiology (United Kingdom)*, **2002**, 148, 3089-3100	2.9	106
18	Antibody responses to infections with strains of Plasmodium falciparum expressing diverse forms of merozoite surface protein 2. *Infection and Immunity*, **2001**, 69, 959-67	3.7	32
17	Quantitative determination of the biodegradable polymer Poly(beta-hydroxybutyrate) in a recombinant Escherichia coli strain by use of mid-infrared spectroscopy and multivariative statistics. *Applied and Environmental Microbiology*, **2000**, 66, 3415-20	4.8	101
16	Identification of a methyltransferase from Mycobacterium smegmatis involved in glycopeptidolipid synthesis. *Journal of Biological Chemistry*, **2000**, 275, 24900-6	5.4	57
15	Identification of a peptide synthetase involved in the biosynthesis of glycopeptidolipids of Mycobacterium smegmatis. *Molecular Microbiology*, **1999**, 33, 1244-53	4.1	96
14	Characterization of a Mycobacterium smegmatis mutant lacking penicillin binding protein 1. *Antimicrobial Agents and Chemotherapy*, **1999**, 43, 3011-3	5.9	28

13	A Plasmodium falciparum apical membrane antigen-1 (AMA-1) gene apparently generated by intragenic recombination. *Molecular and Biochemical Parasitology*, **1999**, 100, 243-6	1.9	11
12	Temporal variation of the merozoite surface protein-2 gene of Plasmodium falciparum. *Infection and Immunity*, **1998**, 66, 239-46	3.7	38
11	Expression in bacteria other than Escherichia coli. *Current Opinion in Biotechnology*, **1996**, 7, 500-4	11.4	17
10	Analysis of isoniazid-resistant transposon mutants of Mycobacterium smegmatis. *FEMS Microbiology Letters*, **1996**, 144, 47-52	2.9	14
9	Expression and secretion of heterologous proteases by Corynebacterium glutamicum. *Applied and Environmental Microbiology*, **1995**, 61, 1610-3	4.8	46
8	Differential T cell responses to mycobacteria-secreted proteins distinguish vaccination with bacille Calmette-Guérin from infection with Mycobacterium tuberculosis. *Journal of Infectious Diseases*, **1994**, 170, 1326-30	7	65
7	Diagnosis and epidemiology of bovine tuberculosis using molecular biological approaches. *Veterinary Microbiology*, **1994**, 40, 83-94	3.3	35
6	Nucleotide sequence of a recA gene from Corynebacterium glutamicum. *DNA Sequence*, **1994**, 4, 403-4		2
5	Expression of ovine gamma interferon in Escherichia coli and Corynebacterium glutamicum. *Applied and Environmental Microbiology*, **1994**, 60, 1641-5	4.8	21
4	T-cell determinants and antibody binding sites on the major mycobacterial secretory protein MPB59 of Mycobacterium bovis. *Infection and Immunity*, **1994**, 62, 5319-26	3.7	46
3	A comparison of the interferon gamma assay with the absorbed ELISA for the diagnosis of Johne's disease in cattle. *Australian Veterinary Journal*, **1992**, 69, 25-8	1.2	63
2	Mapping of the T and B cell epitopes of the Mycobacterium bovis protein, MPB70. *Immunology and Cell Biology*, **1990**, 68 (Pt 6), 359-65	5	27
1	Epitope mapping of the Mycobacterium bovis secretory protein MPB70 using overlapping peptide analysis. *Journal of General Microbiology*, **1990**, 136, 265-72		47