

Mary D Barton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,931
citations

23
h-index

43
g-index

54
ext. papers

2,177
ext. citations

4.5
avg, IF

5.09
L-index

#	Paper	IF	Citations
54	Seasonal microbial profiling of left kidney and stomach of farmed adult greenlip abalone (<i>Haliotis laevigata</i>). <i>Aquaculture Research</i> , 2021 , 52, 2085-2096	1.9	1
53	Characterisation of Early Microbial Colonisers within the Spiral Colon of Pre- and Post-Natal Piglets. <i>Life</i> , 2021 , 11,	3	1
52	Exposure to maternal feces in lactation influences piglet enteric microbiota, growth, and survival preweaning. <i>Journal of Animal Science</i> , 2021 , 99,	0.7	3
51	Faecal Microbiota Analysis of Piglets During Lactation. <i>Animals</i> , 2020 , 10,	3.1	4
50	Implications of Foraging and Interspecies Interactions of Birds for Carriage of <i>Escherichia coli</i> Strains Resistant to Critically Important Antimicrobials. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	7
49	A Single Faecal Microbiota Transplantation Altered the Microbiota of Weaned Pigs. <i>Life</i> , 2020 , 10,	3	2
48	Development and Function of the Intestinal Microbiome and Potential Implications for Pig Production. <i>Animals</i> , 2019 , 9,	3.1	37
47	Measuring the Asian seabass (<i>Lates calcarifer</i>) neutrophil respiratory burst activity by the dihydrorhodamine-123 reduction flow cytometry assay in whole blood. <i>Fish and Shellfish Immunology</i> , 2019 , 92, 871-880	4.3	1
46	Resistance to critically important antimicrobials in Australian silver gulls (<i>Chroicocephalus novaehollandiae</i>) and evidence of anthropogenic origins. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2566-2574	5.1	51
45	Superbugs in the supermarket? Assessing the rate of contamination with third-generation cephalosporin-resistant gram-negative bacteria in fresh Australian pork and chicken. <i>Antimicrobial Resistance and Infection Control</i> , 2018 , 7, 30	6.2	6
44	B-Cell Epitope Mapping Using a Library of Overlapping Synthetic Peptides in an Enzyme-Linked Immunosorbent Assay. <i>Methods in Molecular Biology</i> , 2018 , 1785, 121-128	1.4	2
43	Development and transmission of antimicrobial resistance among Gram-negative bacteria in animals and their public health impact. <i>Essays in Biochemistry</i> , 2017 , 61, 23-35	7.6	36
42	Influence of immobilized quaternary ammonium group surface density on antimicrobial efficacy and cytotoxicity. <i>Biofouling</i> , 2016 , 32, 13-24	3.3	36
41	Molecular Epidemiology of Methicillin-Resistant <i>Staphylococcus aureus</i> Isolated from Australian Veterinarians. <i>PLoS ONE</i> , 2016 , 11, e0146034	3.7	26
40	An Adenoviral Vector Based Vaccine for <i>Rhodococcus equi</i> . <i>PLoS ONE</i> , 2016 , 11, e0152149	3.7	1
39	Characterisation of the Equine adenovirus 2 genome. <i>Veterinary Microbiology</i> , 2015 , 179, 184-9	3.3	6
38	Antibacterial Plasma Polymer Films Conjugated with Phospholipid Encapsulated Silver Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2015 , 1, 1278-1286	5.5	32

37	Impact of antibiotic use in the swine industry. <i>Current Opinion in Microbiology</i> , 2014 , 19, 9-15	7.9	122
36	Synthesis and antibacterial properties of a hybrid of silver-potato starch nanocapsules by miniemulsion/polyaddition polymerization. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1838-1845	7.3	44
35	Antibacterial Efficacy and Cytotoxicity of Silver Nanoparticle Based Coatings Facilitated by a Plasma Polymer Interlayer. <i>Plasma Medicine</i> , 2014 , 4, 101-115	1.1	6
34	Synthesis and surface immobilization of antibacterial hybrid silver-poly(L-lactide) nanoparticles. <i>Nanotechnology</i> , 2014 , 25, 305102	3.4	20
33	Substrate Independent Approach for Immobilisation of Quaternary Ammonium Compounds to Surfaces to Reduce Bio-Burden. <i>Materials Science Forum</i> , 2014 , 783-786, 1389-1395	0.4	5
32	Substrate independent silver nanoparticle based antibacterial coatings. <i>Biomaterials</i> , 2014 , 35, 4601-9	15.6	112
31	Prevalence of Antimicrobial Resistance in Enterococci and Escherichia coli in Meat Chicken Flocks During a Production Cycle and Egg Layer Pullets During Rearing. <i>International Journal of Poultry Science</i> , 2014 , 13, 489-503	0.3	1
30	The isolation and characterization of Campylobacter jejuni bacteriophages from free range and indoor poultry. <i>Veterinary Microbiology</i> , 2013 , 162, 144-50	3.3	23
29	Vets versus pets: methicillin-resistant Staphylococcus aureus in Australian animals and their doctors. <i>Microbiology Australia</i> , 2013 , 34, 25	0.8	3
28	Comparison of antimicrobial resistance patterns in enterococci from intensive and free range chickens in Australia. <i>Avian Pathology</i> , 2013 , 42, 45-54	2.4	20
27	Antibiotic resistance, phylogenetic grouping and virulence potential of Escherichia coli isolated from the faeces of intensively farmed and free range poultry. <i>Veterinary Microbiology</i> , 2012 , 154, 305-153	3.3	67
26	Controlled release of allyl isothiocyanate for bacteria growth management. <i>Food Control</i> , 2012 , 23, 478-484	4.4	23
25	Control of fluoroquinolone resistance through successful regulation, Australia. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1453-60	10.2	148
24	Can we feel it in our waters? Antimicrobials in aquaculture. <i>Medical Journal of Australia</i> , 2012 , 197, 487	4	2
23	Antibiotic Resistance in Animals The Australian Perspective 2011 , 265-290		2
22	Antimicrobial and heavy metal resistance in commensal enterococci isolated from pigs. <i>Veterinary Microbiology</i> , 2011 , 148, 276-82	3.3	61
21	Mesoporous silica as a natural antimicrobial carrier. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 385, 256-261	5.1	37
20	Novel Bacteriophages in Enterococcus spp. <i>Current Microbiology</i> , 2010 , 60, 400-6	2.4	26

19	Whole-genome sequencing and gene mapping of a newly isolated lytic enterococcal bacteriophage EFRM31. <i>Archives of Virology</i> , 2010 , 155, 1887-91	2.6	11
18	Nucleotide sequence, tissue expression patterns and phylogenetic analysis of estrogen receptor one mRNA in the Murray rainbowfish (<i>Melanotaenia fluviatilis</i>) (Atheriniformes, Actinopterygii). <i>General and Comparative Endocrinology</i> , 2010 , 166, 529-36	3	8
17	Localisation of estrogen responsive genes in the liver and testis of Murray rainbowfish <i>Melanotaenia fluviatilis</i> exposed to 17beta-estradiol. <i>Molecular and Cellular Endocrinology</i> , 2009 , 303, 57-66	4.4	19
16	Linear B-cell epitope mapping using enzyme-linked immunosorbent assay for libraries of overlapping synthetic peptides. <i>Methods in Molecular Biology</i> , 2009 , 524, 137-44	1.4	8
15	Chimeric vapA/groEL2 DNA vaccines enhance clearance of <i>Rhodococcus equi</i> in aerosol challenged C3H/He mice. <i>Vaccine</i> , 2008 , 26, 2457-65	4.1	13
14	Antimicrobial compounds from the Australian desert plant <i>Eremophila neglecta</i> . <i>Journal of Natural Products</i> , 2007 , 70, 1439-43	4.9	50
13	Antibiotic and heavy metal resistance in motile aeromonads and pseudomonads from rainbow trout (<i>Oncorhynchus mykiss</i>) farms in Australia. <i>International Journal of Antimicrobial Agents</i> , 2007 , 30, 177-82	14.3	119
12	Antimicrobial activity of some Australian plant species from the genus <i>Eremophila</i> . <i>Journal of Basic Microbiology</i> , 2007 , 47, 158-64	2.7	29
11	Antimicrobial compounds from <i>Eremophila serrulata</i> . <i>Phytochemistry</i> , 2007 , 68, 2684-90	4	47
10	Presence and diversity of the beta-lactamase gene in cat and dog staphylococci. <i>Veterinary Microbiology</i> , 2007 , 123, 162-8	3.3	14
9	Prevalence and significance of a negative extended-spectrum beta-lactamase (ESBL) confirmation test result after a positive ESBL screening test result for isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> : results from the SENTRY Asia-Pacific Surveillance Program. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 1478-82	9.7	37
8	Molecular typing of methicillin-resistant staphylococci isolated from cats and dogs. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 58, 428-31	5.1	47
7	Partial nucleotide sequencing of the <i>mecA</i> genes of <i>Staphylococcus aureus</i> isolates from cats and dogs. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 413-6	9.7	22
6	The epidemiology of antibiotic resistance in <i>Campylobacter</i> . <i>Microbes and Infection</i> , 2006 , 8, 1955-66	9.3	160
5	Immune response to vaccines based upon the VapA protein of the horse pathogen, <i>Rhodococcus equi</i> , in a murine model. <i>International Journal of Medical Microbiology</i> , 2005 , 294, 437-45	3.7	10
4	The immunogenicity of <i>Rhodococcus equi</i> GroEL2-based vaccines in a murine model. <i>Veterinary Immunology and Immunopathology</i> , 2004 , 98, 91-100	2	10
3	B-Cell epitope mapping of the VapA protein of <i>Rhodococcus equi</i> : implications for early detection of <i>R. equi</i> disease in foals. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 1633-7	9.7	24
2	Antibiotic use in animal feed and its impact on human health. <i>Nutrition Research Reviews</i> , 2000 , 13, 279-99		310

- 1 Identification of koala T lymphocytes using an anti-human CD3 antibody. *Developmental and Comparative Immunology*, **1995**, 19, 537-45 3.2 19