

Mark A O'dea

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,480
citations

331670

21
h-index

414414

32
g-index

78
all docs

78
docs citations

78
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance to critically important antimicrobials in Australian silver gulls (<i>Chroicocephalus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2019, 74, 2566-2574.	3.0	82
2	Isolation and plasmid characterization of carbapenemase (IMP-4) producing <i>Salmonella enterica</i> Typhimurium from cats. <i>Scientific Reports</i> , 2016, 6, 35527.	3.3	68
3	Bacteriophage therapy for the control of <i>Vibrio harveyi</i> in greenlip abalone (<i>Haliotis laevis</i>). <i>Aquaculture</i> , 2017, 473, 251-258.	3.5	57
4	Dissemination and persistence of extended-spectrum cephalosporin-resistance encoding IncI1- <i>bla</i> /i>CTXM-1 plasmid among <i>Escherichia coli</i> in pigs. <i>ISME Journal</i> , 2018, 12, 2352-2362.	9.8	56
5	Antimicrobial Susceptibility of <i>Escherichia coli</i> and <i>Salmonella</i> spp. Isolates From Healthy Pigs in Australia: Results of a Pilot National Survey. <i>Frontiers in Microbiology</i> , 2018, 9, 1207.	3.5	52
6	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.	4.7	50
7	Discovery and Partial Genomic Characterisation of a Novel Nidovirus Associated with Respiratory Disease in Wild Shingleback Lizards (<i>Tiliqua rugosa</i>). <i>PLoS ONE</i> , 2016, 11, e0165209.	2.5	43
8	Avian influenza in Australia: a summary of 5 years of wild bird surveillance. <i>Australian Veterinary Journal</i> , 2015, 93, 387-393.	1.1	39
9	Emergence of Fluoroquinolone-Resistant <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> among Australian Chickens in the Absence of Fluoroquinolone Use. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	39
10	<i>Escherichia coli</i> and <i>Salmonella</i> spp. isolated from Australian meat chickens remain susceptible to critically important antimicrobial agents. <i>PLoS ONE</i> , 2019, 14, e0224281.	2.5	38
11	Companion Animals Are Spillover Hosts of the Multidrug-Resistant Human Extraintestinal <i>Escherichia coli</i> Pandemic Clones ST131 and ST1193. <i>Frontiers in Microbiology</i> , 2020, 11, 1968.	3.5	38
12	Thermal stability of porcine circovirus type 2 in cell culture. <i>Journal of Virological Methods</i> , 2008, 147, 61-66.	2.1	33
13	Molecular Detection and Epidemiological Features of Selected Bacterial, Viral, and Parasitic Enteropathogens in Stool Specimens from Children with Acute Diarrhea in Thi-Qar Governorate, Iraq. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1573.	2.6	32
14	Genomic characterization of coagulase-negative staphylococci including methicillin-resistant <i>Staphylococcus sciuri</i> causing bovine mastitis. <i>Veterinary Microbiology</i> , 2018, 219, 17-22.	1.9	29
15	Genomic, Antimicrobial Resistance, and Public Health Insights into <i>Enterococcus</i> spp. from Australian Chickens. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	27
16	Knowledge, attitudes and practices (KAP) towards rabies and free roaming dogs (FRD) in Panchkula district of north India: A cross-sectional study of urban residents. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007384.	3.0	27
17	Prevalence, risk factors and antimicrobial resistance of <i>Salmonella</i> diarrhoeal infection among children in Thi-Qar Governorate, Iraq. <i>Epidemiology and Infection</i> , 2017, 145, 3486-3496.	2.1	25
18	Potential relevance of pig gut content transplantation for production and research. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 55.	5.3	25

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19	Use of a Primary Epithelial Cell Screening Tool to Investigate Phage Therapy in Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1330.	3.5	24
20	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, .	3.1	24
21	A Comparative Study of Enumeration Techniques for Free-Roaming Dogs in Rural Baramati, District Pune, India. <i>Frontiers in Veterinary Science</i> , 2018, 5, 104.	2.2	23
22	Occurrence, antimicrobial resistance and whole-genome sequencing analysis of <i>Salmonella</i> isolates from chicken carcasses imported into Iraq from four different countries. <i>International Journal of Food Microbiology</i> , 2018, 284, 84-90.	4.7	23
23	Viral Diversity of Microbats within the South West Botanical Province of Western Australia. <i>Viruses</i> , 2019, 11, 1157.	3.3	23
24	Estimation of nasal shedding and seroprevalence of organisms known to be associated with bovine respiratory disease in Australian live export cattle. <i>Journal of Veterinary Diagnostic Investigation</i> , 2015, 27, 6-17.	1.1	22
25	Knowledge, attitudes and practices (KAP) towards rabies and free-roaming dogs (FRD) in Shirsuphal village in western India: A community based cross-sectional study. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007120.	3.0	22
26	Organoids and Bioengineered Intestinal Models: Potential Solutions to the <i>Cryptosporidium</i> Culturing Dilemma. <i>Microorganisms</i> , 2020, 8, 715.	3.6	22
27	Variation in the Responses of Wild Species of Duck, Gull, and Wader to Inoculation with a Wild-Bird-Origin H6N2 Low Pathogenicity Avian Influenza Virus. <i>Avian Diseases</i> , 2013, 57, 581-586.	1.0	21
28	Genomic analysis of phylogenetic group B2 extraintestinal pathogenic <i>E. coli</i> causing infections in dogs in Australia. <i>Veterinary Microbiology</i> , 2020, 248, 108783.	1.9	20
29	Genomic characterization of a novel poxvirus from a flying fox: evidence for a new genus?. <i>Journal of General Virology</i> , 2016, 97, 2363-2375.	2.9	18
30	Non-typhoidal <i>Salmonella</i> contamination in egg shells and contents from retail in Western Australia: Serovar diversity, multilocus sequence types, and phenotypic and genomic characterizations of antimicrobial resistance. <i>International Journal of Food Microbiology</i> , 2019, 308, 108305.	4.7	17
31	Examination of Australian <i>Streptococcus suis</i> isolates from clinically affected pigs in a global context and the genomic characterisation of ST1 as a predictor of virulence. <i>Veterinary Microbiology</i> , 2018, 226, 31-40.	1.9	16
32	Divergent Human-Origin Influenza Viruses Detected in Australian Swine Populations. <i>Journal of Virology</i> , 2018, 92, .	3.4	16
33	Carriage of critically important antimicrobial resistant bacteria and zoonotic parasites amongst camp dogs in remote Western Australian indigenous communities. <i>Scientific Reports</i> , 2018, 8, 8725.	3.3	16
34	Demographic characteristics of free-roaming dogs (FRD) in rural and urban India following a photographic sight-resight survey. <i>Scientific Reports</i> , 2019, 9, 16562.	3.3	16
35	Effect of mucin 4 allele on susceptibility to experimental infection with enterotoxigenic F4 <i>Escherichia coli</i> in pigs fed experimental diets. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 56.	5.3	15
36	Porcine circovirus-associated disease in weaner pigs in Western Australia. <i>Australian Veterinary Journal</i> , 2011, 89, 122-130.	1.1	14

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37	Mortality of live export cattle on long-haul voyages: pathologic changes and pathogens. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 252-265.	1.1	14
38	High prevalence of <i>Trypanosoma vevrandis</i> in bats from Western Australia. <i>Veterinary Parasitology</i> , 2015, 214, 342-347.	1.8	14
39	Prevalence and antimicrobial resistance of MRSA across different pig age groups in an intensive pig production system in Australia. <i>Zoonoses and Public Health</i> , 2020, 67, 576-586.	2.2	14
40	Reverse zoonotic transmission of community-associated MRSA ST1-IV to a dairy cow. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 125-126.	2.5	13
41	Knowledge, attitudes and practices towards dog-bite related rabies in para-medical staff at rural primary health centres in Baramati, western India. <i>PLoS ONE</i> , 2018, 13, e0207025.	2.5	13
42	Chemical Synthesis, Characterisation, and Biocompatibility of Nanometre Scale Porous Anodic Aluminium Oxide Membranes for Use as a Cell Culture Substrate for the Vero Cell Line: A Preliminary Study. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	12
43	Genomic analysis of fluoroquinolone-susceptible phylogenetic group B2 extraintestinal pathogenic <i>Escherichia coli</i> causing infections in cats. <i>Veterinary Microbiology</i> , 2020, 245, 108685.	1.9	12
44	Insights into Australian Bat Lyssavirus in Insectivorous Bats of Western Australia. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 46.	2.3	11
45	Antimicrobial resistance and genomic insights into bovine mastitis-associated <i>Staphylococcus aureus</i> in Australia. <i>Veterinary Microbiology</i> , 2020, 250, 108850.	1.9	11
46	Japanese encephalitis in Bali, Indonesia: ecological and socio-cultural perspectives. <i>International Journal of Veterinary Science and Medicine</i> , 2021, 9, 31-43.	2.2	11
47	Robotic Antimicrobial Susceptibility Platform (RASP): a next-generation approach to One Health surveillance of antimicrobial resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1800-1807.	3.0	11
48	Validation of Application SuperDuplicates (AS) Enumeration Tool for Free-Roaming Dogs (FRD) in Urban Settings of Panchkula Municipal Corporation in North India. <i>Frontiers in Veterinary Science</i> , 2019, 6, 173.	2.2	10
49	First report of <i>Trypanosoma dionisii</i> (<i>Trypanosomatidae</i>) identified in Australia. <i>Parasitology</i> , 2020, 147, 1801-1809.	1.5	10
50	Diversity detected in commensals at host and farm level reveals implications for national antimicrobial resistance surveillance programmes. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 400-408.	3.0	10
51	Multiple introductions of methicillin-resistant <i>Staphylococcus aureus</i> ST612 into Western Australia associated both with human and equine reservoirs. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 681-685.	2.5	9
52	Complete genomic characterisation of two novel poxviruses (WKPV and EKPV) from western and eastern grey kangaroos. <i>Virus Research</i> , 2017, 242, 106-121.	2.2	8
53	<i>Salmonella enterica</i> isolates from Western Australian rangeland goats remain susceptible to critically important antimicrobials. <i>Scientific Reports</i> , 2018, 8, 15326.	3.3	8
54	Evaluating coverage bias in next-generation sequencing of <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2021, 16, e0253440.	2.5	8

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55	A virological investigation into declining woylie populations. Australian Journal of Zoology, 2013, 61, 446.	1.0	7
56	Technical note: novel delivery methods for an enterotoxigenic Escherichia coli infection model in MUC4-locus sequenced weaner pigs ¹ . Journal of Animal Science, 2019, 97, 4503-4508.	0.5	7
57	Childhood Diarrhoea in the Eastern Mediterranean Region with Special Emphasis on Non-Typhoidal Salmonella at the Human–Food Interface. Pathogens, 2019, 8, 60.	2.8	7
58	Phenotypic and Genotypic Assessment of Antimicrobial Resistance in Escherichia coli from Australian Cattle Populations at Slaughter. Journal of Food Protection, 2022, 85, 563-570.	1.7	7
59	<i>In Vitro</i> Demonstration of Targeted Phage Therapy and Competitive Exclusion as a Novel Strategy for Decolonization of Extended-Spectrum-Cephalosporin-Resistant Escherichia coli. Applied and Environmental Microbiology, 2022, , e0227621.	3.1	7
60	Biological and genetic characterization of a low-pathogenicity avian influenza H6N2 virus originating from a healthy Eurasian coot. Archives of Virology, 2010, 155, 403-409.	2.1	6
61	Absence of high priority critically important antimicrobial resistance in Salmonella sp. isolated from Australian commercial egg layer environments. International Journal of Food Microbiology, 2021, 340, 109042.	4.7	6
62	Antimicrobial resistance and genomic relationships of Salmonella enterica from Australian cattle. International Journal of Food Microbiology, 2022, 371, 109672.	4.7	6
63	Utilising Group-Size and Home-Range Characteristics of Free-Roaming Dogs (FRD) to Guide Mass Vaccination Campaigns against Rabies in India. Vaccines, 2019, 7, 136.	4.4	5
64	Are viruses associated with disc herniation? A clinical case series. BMC Musculoskeletal Disorders, 2020, 21, 27.	1.9	5
65	Alphaherpesvirus-associated disease in greater bilbies (<i>Macrotis lagotis</i>). Australian Veterinary Journal, 2016, 94, 208-212.	1.1	4
66	Complete Genome Sequence of a Staphylococcus aureus Sequence Type 612 Isolate from an Australian Horse. Microbiology Resource Announcements, 2018, 7, .	0.6	4
67	Respiratory Illness in a Piggery Associated with the First Identified Outbreak of Swine Influenza in Australia: Assessing the Risk to Human Health and Zoonotic Potential. Tropical Medicine and Infectious Disease, 2019, 4, 96.	2.3	4
68	Diagnostic accuracy of phenotypic assays for determining antimicrobial resistance status in Staphylococcus pseudintermedius isolates from canine clinical cases. Veterinary Microbiology, 2019, 234, 101-109.	1.9	4
69	Validation of Selective Agars for Detection and Quantification of Escherichia coli Strains Resistant to Critically Important Antimicrobials. Microbiology Spectrum, 2021, 9, e0066421.	3.0	4
70	Giardia duodenalis mouse model for the development of novel anti-giardial agents. Journal of Microbiological Methods, 2018, 145, 7-9.	1.6	3
71	Biocompatibility of nanometre scale porous anodic aluminium oxide membranes towards the RK 13 epithelial cell line: A preliminary study. International Journal of Research in Medical Sciences, 0, , 1583-1588.	0.1	0