

Auriol C Purdie

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,280
citations

430442

18
h-index

360668

35
g-index

43
all docs

43
docs citations

43
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative immunological and microbiological aspects of paratuberculosis as a model mycobacterial infection. <i>Veterinary Immunology and Immunopathology</i> , 2012, 148, 29-47.	0.5	310
2	Suppression of Avian Influenza Transmission in Genetically Modified Chickens. <i>Science</i> , 2011, 331, 223-226.	6.0	175
3	High-Throughput Direct Fecal PCR Assay for Detection of <i>Mycobacterium avium</i> subsp. paratuberculosis in Sheep and Cattle. <i>Journal of Clinical Microbiology</i> , 2014, 52, 745-757.	1.8	76
4	Development and Validation of a Liquid Medium (M7H9C) for Routine Culture of <i>Mycobacterium avium</i> subsp. paratuberculosis To Replace Modified Bactec 12B Medium. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3993-4000.	1.8	52
5	Comparison of methods for miRNA isolation and quantification from ovine plasma. <i>Scientific Reports</i> , 2020, 10, 825.	1.6	52
6	Candidate gene and genome-wide association studies of <i>Mycobacterium avium</i> subsp. paratuberculosis infection in cattle and sheep: A review. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 197-208.	0.7	45
7	Expression of genes associated with the antigen presentation and processing pathway are consistently regulated in early <i>Mycobacterium avium</i> subsp. paratuberculosis infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2012, 35, 151-162.	0.7	40
8	<i>Mycobacterium avium</i> subspecies paratuberculosis is able to manipulate host lipid metabolism and accumulate cholesterol within macrophages. <i>Microbial Pathogenesis</i> , 2019, 130, 44-53.	1.3	39
9	Can early host responses to mycobacterial infection predict eventual disease outcomes?. <i>Preventive Veterinary Medicine</i> , 2013, 112, 203-212.	0.7	37
10	Indoleamine 2,3-Dioxygenase, Tryptophan Catabolism, and <i>Mycobacterium avium</i> subsp. paratuberculosis: a Model for Chronic Mycobacterial Infections. <i>Infection and Immunity</i> , 2011, 79, 3821-3832.	1.0	32
11	<i>Mycobacterium marinum</i> infection drives foam cell differentiation in zebrafish infection models. <i>Developmental and Comparative Immunology</i> , 2018, 88, 169-172.	1.0	28
12	In Silico Identification of Epitopes in <i>Mycobacterium avium</i> subsp. paratuberculosis Proteins That Were Upregulated under Stress Conditions. <i>Vaccine Journal</i> , 2012, 19, 855-864.	3.2	27
13	Expression of genes associated with cholesterol and lipid metabolism identified as a novel pathway in the early pathogenesis of <i>Mycobacterium avium</i> subspecies paratuberculosis-infection in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 147-157.	0.5	24
14	Toll-like receptor (TLR)6 and TLR1 differentiation in gene expression studies of Johne's disease. <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 142-148.	0.5	23
15	Efficient, Validated Method for Detection of Mycobacterial Growth in Liquid Culture Media by Use of Bead Beating, Magnetic-Particle-Based Nucleic Acid Isolation, and Quantitative PCR. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1121-1128.	1.8	22
16	Immunopathological changes and apparent recovery from infection revealed in cattle in an experimental model of Johne's disease using a lyophilised culture of <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Veterinary Microbiology</i> , 2018, 219, 53-62.	0.8	22
17	Gene expression profiles during subclinical <i>Mycobacterium avium</i> subspecies paratuberculosis infection in sheep can predict disease outcome. <i>Scientific Reports</i> , 2019, 9, 8245.	1.6	21
18	A Rapid Method for Quantifying Viable <i>Mycobacterium avium</i> subsp. paratuberculosis in Cellular Infection Assays. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5553-5562.	1.4	20

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19	Biomarkers for Detecting Resilience against Mycobacterial Disease in Animals. <i>Infection and Immunity</i> , 2019, 88, .	1.0	20
20	CD4+ T-cells, $\gamma\delta$ T-cells and B-cells are associated with lack of vaccine protection in <i>Mycobacterium avium</i> subspecies paratuberculosis infection. <i>Vaccine</i> , 2015, 33, 149-155.	1.7	19
21	Defining resilience to mycobacterial disease: Characteristics of survivors of ovine paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2018, 195, 56-64.	0.5	19
22	The humoral immune response is essential for successful vaccine protection against paratuberculosis in sheep. <i>BMC Veterinary Research</i> , 2019, 15, 223.	0.7	18
23	Mycobacterial infection-induced miR-206 inhibits protective neutrophil recruitment via the CXCL12/CXCR4 signalling axis. <i>PLoS Pathogens</i> , 2021, 17, e1009186.	2.1	18
24	Specific faecal antibody responses in sheep infected with <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2015, 166, 125-131.	0.5	14
25	Evaluation of the limitations and methods to improve rapid phage-based detection of viable <i>Mycobacterium avium</i> subsp. paratuberculosis in the blood of experimentally infected cattle. <i>BMC Veterinary Research</i> , 2016, 12, 115.	0.7	14
26	In silico screened <i>Mycobacterium avium</i> subsp. paratuberculosis (MAP) recombinant proteins upregulated under stress conditions are immunogenic in sheep. <i>Veterinary Immunology and Immunopathology</i> , 2012, 149, 186-196.	0.5	12
27	Leptospirosis is an emerging infectious disease of pig-hunting dogs and humans in North Queensland. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010100.	1.3	12
28	Enhancement of the interferon gamma assay to detect paratuberculosis using interleukin-7 and interleukin-12 potentiation. <i>Veterinary Immunology and Immunopathology</i> , 2012, 149, 28-37.	0.5	11
29	The immunogenicity and tissue reactivity of <i>Mycobacterium avium</i> subsp paratuberculosis inactivated whole cell vaccine is dependent on the adjuvant used. <i>Heliyon</i> , 2019, 5, e01911.	1.4	11
30	Cellular and humoral immune responses in sheep vaccinated with candidate antigens MAP2698c and MAP3567 from <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 93.	1.8	10
31	IFN- γ fails to overcome inhibition of selected macrophage activation events in response to pathogenic mycobacteria. <i>PLoS ONE</i> , 2017, 12, e0176400.	1.1	9
32	Antigenicity of Recombinant Maltose Binding Protein- <i>Mycobacterium avium</i> subsp. paratuberculosis Fusion Proteins with and without Factor Xa Cleaving. <i>Vaccine Journal</i> , 2013, 20, 1817-1826.	3.2	8
33	Lymphoproliferative and Gamma Interferon Responses to Stress-Regulated <i>Mycobacterium avium</i> subsp. paratuberculosis Recombinant Proteins. <i>Vaccine Journal</i> , 2014, 21, 831-837.	3.2	8
34	Analysis of mycobacterial infection-induced changes to host lipid metabolism in a zebrafish infection model reveals a conserved role for LDLR in infection susceptibility. <i>Fish and Shellfish Immunology</i> , 2018, 83, 238-242.	1.6	8
35	Integrated vaccine screening system: using cellular functional capacity in vitro to assess genuine vaccine protectiveness in ruminants. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	5
36	Immunoreactivity of protein tyrosine phosphatase A (PtpA) in sera from sheep infected with <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 129-132.	0.5	4

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37	Sheep and cattle exposed to Mycobacterium avium subspecies paratuberculosis exhibit altered total serum cholesterol profiles during the early stages of infection. <i>Veterinary Immunology and Immunopathology</i> , 2018, 202, 164-171.	0.5	4
38	Antigenicity in sheep of synthetic peptides derived from stress-regulated Mycobacterium avium subsp. paratuberculosis proteins and comparison with recombinant protein and complex native antigens. <i>Veterinary Immunology and Immunopathology</i> , 2014, 158, 46-52.	0.5	2
39	Development of 316v antibody enzyme-linked immunosorbent assay for detection of paratuberculosis in sheep. <i>OIE Revue Scientifique Et Technique</i> , 2015, 34, 869-879.	0.5	2
40	Mycobacterium avium subsp. paratuberculosis exploits miRNA expression to modulate lipid metabolism and macrophage polarisation pathways during infection. <i>Scientific Reports</i> , 2022, 12, .	1.6	2