Auriol C Purdie

List of Publications by Year
in descending order

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40 papers	1,280 citations	430874 18 h-index	361022 35 g-index
43 all docs	43 docs citations	43 times ranked	1529 citing authors

#	Article	IF	Citations
1	Leptospirosis is an emerging infectious disease of pig-hunting dogs and humans in North Queensland. PLoS Neglected Tropical Diseases, 2022, 16, e0010100.	3.0	12
2	Mycobacterium avium subsp. paratuberculosis exploits miRNA expression to modulate lipid metabolism and macrophage polarisation pathways during infection. Scientific Reports, 2022, 12, .	3.3	2
3	Mycobacterial infection-induced miR-206 inhibits protective neutrophil recruitment via the CXCL12/CXCR4 signalling axis. PLoS Pathogens, 2021, 17, e1009186.	4.7	18
4	Comparison of methods for miRNA isolation and quantification from ovine plasma. Scientific Reports, 2020, 10, 825.	3.3	52
5	The immunogenicity and tissue reactivity of Mycobacterium avium subsp paratuberculosis inactivated whole cell vaccine is dependent on the adjuvant used. Heliyon, 2019, 5, e01911.	3.2	11
6	The humoral immune response is essential for successful vaccine protection against paratuberculosis in sheep. BMC Veterinary Research, 2019, 15, 223.	1.9	18
7	Biomarkers for Detecting Resilience against Mycobacterial Disease in Animals. Infection and Immunity, 2019, 88, .	2.2	20
8	Gene expression profiles during subclinical Mycobacterium avium subspecies paratuberculosis infection in sheep can predict disease outcome. Scientific Reports, 2019, 9, 8245.	3.3	21
9	Mycobacterium avium subspecies paratuberculosis is able to manipulate host lipid metabolism and accumulate cholesterol within macrophages. Microbial Pathogenesis, 2019, 130, 44-53.	2.9	39
10	Immunopathological changes and apparent recovery from infection revealed in cattle in an experimental model of Johneâ€™s disease using a lyophilised culture of Mycobacterium avium subspecies paratuberculosis. Veterinary Microbiology, 2018, 219, 53-62.	1.9	22
11	Defining resilience to mycobacterial disease: Characteristics of survivors of ovine paratuberculosis. Veterinary Immunology and Immunopathology, 2018, 195, 56-64.	1.2	19
12	Analysis of mycobacterial infection-induced changes to host lipid metabolism in a zebrafish infection model reveals a conserved role for LDLR in infection susceptibility. Fish and Shellfish Immunology, 2018, 83, 238-242.	3.6	8
13	Integrated vaccine screening system: using cellular functional capacity in vitro to assess genuine vaccine protectiveness in ruminants. Pathogens and Disease, 2018, 76, .	2.0	5
14	Mycobacterium marinum infection drives foam cell differentiation in zebrafish infection models. Developmental and Comparative Immunology, 2018, 88, 169-172.	2.3	28
15	Sheep and cattle exposed to Mycobacterium avium subspecies paratuberculosis exhibit altered total serum cholesterol profiles during the early stages of infection. Veterinary Immunology and Immunopathology, 2018, 202, 164-171.	1.2	4
16	IFN-Î³ fails to overcome inhibition of selected macrophage activation events in response to pathogenic mycobacteria. PLoS ONE, 2017, 12, e0176400.	2.5	9
17	Evaluation of the limitations and methods to improve rapid phage-based detection of viable Mycobacterium avium subsp. paratuberculosis in the blood of experimentally infected cattle. BMC Veterinary Research, 2016, 12, 115.	1.9	14
18	A Rapid Method for Quantifying Viable Mycobacterium avium subsp. paratuberculosis in Cellular Infection Assays. Applied and Environmental Microbiology, 2016, 82, 5553-5562.	3.1	20

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19	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. Journal of Clinical Microbiology, 2015, 53, 1121-1128.	3.9	22
20	Specific faecal antibody responses in sheep infected with Mycobacterium avium subspecies paratuberculosis. Veterinary Immunology and Immunopathology, 2015, 166, 125-131.	1.2	14
21	CD4+ T-cells, Î³Î´ T-cells and B-cells are associated with lack of vaccine protection in Mycobacterium avium subspecies paratuberculosis infection. Vaccine, 2015, 33, 149-155.	3.8	19
22	Development of 316v antibody enzyme-linked immunosorbent assay for detection of paratuberculosis in sheep. OIE Revue Scientifique Et Technique, 2015, 34, 869-879.	1.2	2
23	Cellular and humoral immune responses in sheep vaccinated with candidate antigens MAP2698c and MAP3567 from Mycobacterium avium subspecies paratuberculosis. Frontiers in Cellular and Infection Microbiology, 2014, 4, 93.	3.9	10
24	Antigenicity in sheep of synthetic peptides derived from stress-regulated Mycobacterium avium subsp. paratuberculosis proteins and comparison with recombinant protein and complex native antigens. Veterinary Immunology and Immunopathology, 2014, 158, 46-52.	1.2	2
25	Lymphoproliferative and Gamma Interferon Responses to Stress-Regulated Mycobacterium avium subsp. paratuberculosis Recombinant Proteins. Vaccine Journal, 2014, 21, 831-837.	3.1	8
26	High-Throughput Direct Fecal PCR Assay for Detection of Mycobacterium avium subsp. paratuberculosis in Sheep and Cattle. Journal of Clinical Microbiology, 2014, 52, 745-757.	3.9	76
27	Expression of genes associated with cholesterol and lipid metabolism identified as a novel pathway in the early pathogenesis of Mycobacterium avium subspecies paratuberculosis-infection in cattle. Veterinary Immunology and Immunopathology, 2014, 160, 147-157.	1.2	24
28	Immunoreactivity of protein tyrosine phosphatase A (PtpA) in sera from sheep infected with Mycobacterium avium subspecies paratuberculosis. Veterinary Immunology and Immunopathology, 2014, 160, 129-132.	1.2	4
29	Can early host responses to mycobacterial infection predict eventual disease outcomes?. Preventive Veterinary Medicine, 2013, 112, 203-212.	1.9	37
30	Antigenicity of Recombinant Maltose Binding Protein-Mycobacterium avium subsp. paratuberculosis Fusion Proteins with and without Factor Xa Cleaving. Vaccine Journal, 2013, 20, 1817-1826.	3.1	8
31	Development and Validation of a Liquid Medium (M7H9C) for Routine Culture of Mycobacterium avium subsp. paratuberculosis To Replace Modified Bactec 12B Medium. Journal of Clinical Microbiology, 2013, 51, 3993-4000.	3.9	52
32	In Silico Identification of Epitopes in Mycobacterium avium subsp. paratuberculosis Proteins That Were Upregulated under Stress Conditions. Vaccine Journal, 2012, 19, 855-864.	3.1	27
33	Comparative immunological and microbiological aspects of paratuberculosis as a model mycobacterial infection. Veterinary Immunology and Immunopathology, 2012, 148, 29-47.	1.2	310
34	Enhancement of the interferon gamma assay to detect paratuberculosis using interleukin-7 and interleukin-12 potentiation. Veterinary Immunology and Immunopathology, 2012, 149, 28-37.	1.2	11
35	In silico screened Mycobacterium avium subsp. paratuberculosis (MAP) recombinant proteins upregulated under stress conditions are immunogenic in sheep. Veterinary Immunology and Immunopathology, 2012, 149, 186-196.	1.2	12
36	Expression of genes associated with the antigen presentation and processing pathway are consistently regulated in early Mycobacterium avium subsp. paratuberculosis infection. Comparative Immunology, Microbiology and Infectious Diseases, 2012, 35, 151-162.	1.6	40

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37	Suppression of Avian Influenza Transmission in Genetically Modified Chickens. Science, 2011, 331, 223-226.	12.6	175
38	Indoleamine 2,3-Dioxygenase, Tryptophan Catabolism, and Mycobacterium avium subsp. paratuberculosis: a Model for Chronic Mycobacterial Infections. Infection and Immunity, 2011, 79, 3821-3832.	2.2	32
39	Candidate gene and genome-wide association studies of Mycobacterium avium subsp. paratuberculosis infection in cattle and sheep: A review. Comparative Immunology, Microbiology and Infectious Diseases, 2011, 34, 197-208.	1.6	45
40	Toll-like receptor (TLR)6 and TLR1 differentiation in gene expression studies of Johne's disease. Veterinary Immunology and Immunopathology, 2010, 137, 142-148.	1.2	23