

Karen Stevenson

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,902
citations

279701

23
h-index

265120

42
g-index

56
all docs

56
docs citations

56
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	New Variable-Number Tandem-Repeat Markers for Typing <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> and <i>M. avium</i> Strains: Comparison with IS 900 and IS 1245 Restriction Fragment Length Polymorphism Typing. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2404-2410.	1.8	188
2	Epidemiological Study of Paratuberculosis in Wild Rabbits in Scotland. <i>Journal of Clinical Microbiology</i> , 1999, 37, 1746-1751.	1.8	156
3	Red squirrels in the British Isles are infected with leprosy bacilli. <i>Science</i> , 2016, 354, 744-747.	6.0	138
4	Occurrence of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> across host species and European countries with evidence for transmission between wildlife and domestic ruminants. <i>BMC Microbiology</i> , 2009, 9, 212.	1.3	114
5	Molecular Characterization of Pigmented and Nonpigmented Isolates of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2002, 40, 1798-1804.	1.8	107
6	Genetic diversity of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> and the influence of strain type on infection and pathogenesis: a review. <i>Veterinary Research</i> , 2015, 46, 64.	1.1	92
7	Development of a Peptide-Mediated Capture PCR for Detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in Milk. <i>Journal of Clinical Microbiology</i> , 2002, 40, 4244-4250.	1.8	74
8	Limitations of variable number of tandem repeat typing identified through whole genome sequencing of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> on a national and herd level. <i>BMC Genomics</i> , 2015, 16, 161.	1.2	71
9	Phylogenomic exploration of the relationships between strains of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>BMC Genomics</i> , 2016, 17, 79.	1.2	71
10	DO NON-RUMINANT WILDLIFE POSE A RISK OF PARATUBERCULOSIS TO DOMESTIC LIVESTOCK AND VICE VERSA IN SCOTLAND?. <i>Journal of Wildlife Diseases</i> , 2003, 39, 10-15.	0.3	59
11	Isolation and diagnostic potential of ISMav2, a novel insertion sequence-like element from <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>FEMS Microbiology Letters</i> , 2001, 196, 31-37.	0.7	57
12	Combined Multilocus Short-Sequence-Repeat and Mycobacterial Interspersed Repetitive Unit-Variable-Number Tandem-Repeat Typing of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2008, 46, 4091-4094.	1.8	56
13	Inter- and Intra-subtype genotypic differences that differentiate <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> strains. <i>BMC Microbiology</i> , 2012, 12, 264.	1.3	53
14	Characterization of Genetic Differences between <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Type I and Type II Isolates. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5215-5223.	1.8	46
15	Proteomic comparison of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> grown in vitro and isolated from clinical cases of ovine paratuberculosis. <i>Microbiology (United Kingdom)</i> , 2007, 153, 196-206.	0.7	44
16	Leprosy in red squirrels in Scotland. <i>Veterinary Record</i> , 2014, 175, 285-286.	0.2	40
17	Discovery of Stable and Variable Differences in the <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Type I, II, and III Genomes by Pan-Genome Microarray Analysis. <i>Applied and Environmental Microbiology</i> , 2009, 75, 676-686.	1.4	39
18	A 38-Kilobase Pathogenicity Island Specific for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Encodes Cell Surface Proteins Expressed in the Host. <i>Infection and Immunity</i> , 2004, 72, 1265-1274.	1.0	38

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19	Complete sequence of the gene encoding the bacterioferritin subunit of <i>Mycobacterium avium</i> subspecies <i>silvaticum</i> . <i>Gene</i> , 1994, 150, 205-206.	1.0	30
20	Detection of <i>Mycobacterium leprae</i> DNA in soil: multiple needles in the haystack. <i>Scientific Reports</i> , 2019, 9, 3165.	1.6	30
21	The development and use of Actiphage [®] to detect viable mycobacteria from bovine tuberculosis and <i>Johne's disease</i> -infected animals. <i>Microbial Biotechnology</i> , 2020, 13, 738-746.	2.0	30
22	Immunogenicity of Proteome-Determined <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> -Specific Proteins in Sheep with Paratuberculosis. <i>Vaccine Journal</i> , 2008, 15, 1824-1833.	3.2	27
23	Single Nucleotide Polymorphisms in the IS 900 Sequence of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Are Strain Type Specific. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2260-2264.	1.8	26
24	Genome-Wide Diversity and Phylogeography of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in Canadian Dairy Cattle. <i>PLoS ONE</i> , 2016, 11, e0149017.	1.1	24
25	Leprosy in red squirrels on the Isle of Wight and Brownsea Island. <i>Veterinary Record</i> , 2015, 177, 206-207.	0.2	23
26	British Red Squirrels Remain the Only Known Wild Rodent Host for Leprosy Bacilli. <i>Frontiers in Veterinary Science</i> , 2019, 6, 8.	0.9	22
27	A post-mortem study of respiratory disease in small mustelids in south-west England. <i>BMC Veterinary Research</i> , 2016, 12, 72.	0.7	20
28	Complete nucleotide sequence of a gene encoding the 70 kd heat shock protein of <i>Mycobacterium paratuberculosis</i> . <i>Nucleic Acids Research</i> , 1991, 19, 4552-4552.	6.5	19
29	Interferon gamma responses to proteome-determined specific recombinant proteins: Potential as diagnostic markers for ovine <i>Johne's disease</i> . <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 197-204.	0.5	18
30	Novel Single Nucleotide Polymorphism-Based Assay for Genotyping <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2016, 54, 556-564.	1.8	18
31	Genomic variations associated with attenuation in <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> vaccine strains. <i>BMC Microbiology</i> , 2013, 13, 11.	1.3	16
32	A rapid screening assay for identifying mycobacteria targeted nanoparticle antibiotics. <i>Nanotoxicology</i> , 2016, 10, 761-769.	1.6	16
33	Detection of humoral immunity to mycobacteria causing leprosy in Eurasian red squirrels (<i>Sciurus Tj</i> ETQq1 1 0.784314 rgBT ₁₄ /Overlook	0.7	14
34	Molecular characterisation of clinical and environmental isolates of <i>Mycobacterium kansasii</i> isolates from South African gold mines. <i>Journal of Water and Health</i> , 2015, 13, 190-202.	1.1	12
35	Intracellular delivery of nano-formulated antituberculosis drugs enhances bactericidal activity. <i>Journal of Interdisciplinary Nanomedicine</i> , 2017, 2, 146-156.	3.6	12
36	Novel Feature of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> , Highlighted by Characterization of the Heparin-Binding Hemagglutinin Adhesin. <i>Journal of Bacteriology</i> , 2013, 195, 4844-4853.	1.0	11

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37	Assessing virulence of vaccine strains of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> in a calf model. <i>Veterinary Microbiology</i> , 2010, 146, 63-69.	0.8	9
38	Counterintuitive increase in observed <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> prevalence in sympatric rabbits following the introduction of paratuberculosis control measures in cattle. <i>Veterinary Record</i> , 2018, 182, 634-634.	0.2	8
39	Characterisation of IS901 integration sites in the <i>Mycobacterium avium</i> genome. <i>FEMS Microbiology Letters</i> , 2003, 221, 39-47.	0.7	7
40	Development and validation of an oligonucleotide microarray for immuno-inflammatory genes of ruminants. <i>Veterinary Research Communications</i> , 2008, 32, 647-657.	0.6	7
41	Whole-Genome Analysis of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> IS900 Insertions Reveals Strain Type-Specific Modalities. <i>Frontiers in Microbiology</i> , 2021, 12, 660002.	1.5	7
42	Leprosy in red squirrels in the UK. <i>Veterinary Record</i> , 2019, 184, 416-416.	0.2	6
43	Accounting for uncertainty in model-based prevalence estimation: paratuberculosis control in dairy herds. <i>BMC Veterinary Research</i> , 2012, 8, 159.	0.7	5
44	Proteome-determined type-specific proteins of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>Veterinary Microbiology</i> , 2012, 158, 153-162.	0.8	5
45	Gamma interferon responses to proteome-determined specific recombinant proteins in cattle experimentally- and naturally-infected with paratuberculosis. <i>Research in Veterinary Science</i> , 2017, 114, 244-253.	0.9	5
46	Atypical Histiocytosis in Red Squirrels (<i>Sciurus vulgaris</i>). <i>Journal of Comparative Pathology</i> , 2017, 156, 446-450.	0.1	5
47	Unique expression of a highly conserved mycobacterial gene in IS901 + <i>Mycobacterium avium</i> The GenBank accession number for the p40 gene, together with 542Åbp upstream sequence, is AF247653.. <i>Microbiology (United Kingdom)</i> , 2001, 147, 1557-1564.	0.7	5
48	Interferon- γ Response of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Infected Goats to Recombinant and Synthetic Mycobacterial Antigens. <i>Frontiers in Veterinary Science</i> , 2021, 8, 645251.	0.9	3
49	Infection due to <i>Mycobacterium avium</i> subsp. <i>avium</i> in a Free-ranging Common Seal (<i>Phoca vitulina</i>) in Scotland. <i>Journal of Wildlife Diseases</i> , 2013, 49, 732-734.	0.3	2
50	CLINICAL PROGRESSION OF LEPROSY IN EURASIAN RED SQUIRRELS (<i>SCIURUS VULGARIS</i>) IN A NATURALLY INFECTED WILD POPULATION. <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 1159-1166.	0.3	2
51	Draft Genome Sequence of a Rare Pigmented <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Type C Strain. <i>Genome Announcements</i> , 2017, 5, .	0.8	0