Karen Stevenson

List of Publications by Year
in descending order

51	1,902	279487	264894
papers	citations	23 h-index	42 g-index

56	56	56	1617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interferon-Î³ Response of Mycobacterium avium subsp. paratuberculosis Infected Goats to Recombinant and Synthetic Mycobacterial Antigens. Frontiers in Veterinary Science, 2021, 8, 645251.	0.9	3
2	Whole-Genome Analysis of Mycobacterium avium subsp. paratuberculosis IS900Insertions Reveals Strain Type-Specific Modalities. Frontiers in Microbiology, 2021, 12, 660002.	1.5	7
3	CLINICAL PROGRESSION OF LEPROSY IN EURASIAN RED SQUIRRELS (SCIURUS VULGARIS) IN A NATURALLY INFECTED WILD POPULATION. Journal of Zoo and Wildlife Medicine, 2021, 52, 1159-1166.	0.3	2
4	The development and use of Actiphage^{Â®} to detect viable mycobacteria from bovine tuberculosis and Johneâ€™s diseaseâ€infected animals. Microbial Biotechnology, 2020, 13, 738-746.	2.0	30
5	Detection of humoral immunity to mycobacteria causing leprosy in Eurasian red squirrels (Sciurus) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	14
6	Detection of Mycobacterium leprae DNA in soil: multiple needles in the haystack. Scientific Reports, 2019, 9, 3165.	1.6	30
7	Leprosy in red squirrels in the UK. Veterinary Record, 2019, 184, 416-416.	0.2	6
8	British Red Squirrels Remain the Only Known Wild Rodent Host for Leprosy Bacilli. Frontiers in Veterinary Science, 2019, 6, 8.	0.9	22
9	Counterintuitive increase in observed Mycobacterium avium subspecies paratuberculosis prevalence in sympatric rabbits following the introduction of paratuberculosis control measures in cattle. Veterinary Record, 2018, 182, 634-634.	0.2	8
10	Gamma interferon responses to proteome-determined specific recombinant proteins in cattle experimentally- and naturally-infected with paratuberculosis. Research in Veterinary Science, 2017, 114, 244-253.	0.9	5
11	Atypical Histiocytosis in Red Squirrels (Sciurus vulgaris). Journal of Comparative Pathology, 2017, 156, 446-450.	0.1	5
12	Intracellular delivery of nanoâ€formulated antituberculosis drugs enhances bactericidal activity. Journal of Interdisciplinary Nanomedicine, 2017, 2, 146-156.	3.6	12
13	Draft Genome Sequence of a Rare Pigmented Mycobacterium avium subsp. paratuberculosis Type C Strain. Genome Announcements, 2017, 5, .	0.8	0
14	Red squirrels in the British Isles are infected with leprosy bacilli. Science, 2016, 354, 744-747.	6.0	138
15	Phylogenomic exploration of the relationships between strains of Mycobacterium avium subspecies paratuberculosis. BMC Genomics, 2016, 17, 79.	1.2	71
16	A post-mortem study of respiratory disease in small mustelids in south-west England. BMC Veterinary Research, 2016, 12, 72.	0.7	20
17	Novel Single Nucleotide Polymorphism-Based Assay for Genotyping Mycobacterium avium subsp. paratuberculosis. Journal of Clinical Microbiology, 2016, 54, 556-564.	1.8	18
18	A rapid screening assay for identifying mycobacteria targeted nanoparticle antibiotics. Nanotoxicology, 2016, 10, 761-769.	1.6	16

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19	Genome-Wide Diversity and Phylogeography of Mycobacterium avium subsp. paratuberculosis in Canadian Dairy Cattle. PLoS ONE, 2016, 11, e0149017.	1.1	24
20	Leprosy in red squirrels on the Isle of Wight and Brownsea Island. Veterinary Record, 2015, 177, 206-207.	0.2	23
21	Molecular characterisation of clinical and environmental isolates of Mycobacterium kansasii isolates from South African gold mines. Journal of Water and Health, 2015, 13, 190-202.	1.1	12
22	Limitations of variable number of tandem repeat typing identified through whole genome sequencing of Mycobacterium avium subsp. paratuberculosis on a national and herd level. BMC Genomics, 2015, 16, 161.	1.2	71
23	Genetic diversity of Mycobacterium avium subspecies paratuberculosis and the influence of strain type on infection and pathogenesis: a review. Veterinary Research, 2015, 46, 64.	1.1	92
24	Leprosy in red squirrels in Scotland. Veterinary Record, 2014, 175, 285-286.	0.2	40
25	Genomic variations associated with attenuation in Mycobacterium avium subsp. paratuberculosis vaccine strains. BMC Microbiology, 2013, 13, 11.	1.3	16
26	Interferon gamma responses to proteome-determined specific recombinant proteins: Potential as diagnostic markers for ovine Johne's disease. Veterinary Immunology and Immunopathology, 2013, 155, 197-204.	0.5	18
27	Infection due to Mycobacterium avium subsp. avium in a Free-ranging Common Seal (Phoca vitulina) in Scotland. Journal of Wildlife Diseases, 2013, 49, 732-734.	0.3	2
28	Novel Feature of Mycobacterium avium subsp. paratuberculosis, Highlighted by Characterization of the Heparin-Binding Hemagglutinin Adhesin. Journal of Bacteriology, 2013, 195, 4844-4853.	1.0	11
29	Inter- and Intra-subtype genotypic differences that differentiate Mycobacterium avium subspecies paratuberculosis strains. BMC Microbiology, 2012, 12, 264.	1.3	53
30	Accounting for uncertainty in model-based prevalence estimation: paratuberculosis control in dairy herds. BMC Veterinary Research, 2012, 8, 159.	0.7	5
31	Proteome-determined type-specific proteins of Mycobacterium avium subspecies paratuberculosis. Veterinary Microbiology, 2012, 158, 153-162.	0.8	5
32	Assessing virulence of vaccine strains of Mycobacterium avium subspecies paratuberculosis in a calf model. Veterinary Microbiology, 2010, 146, 63-69.	0.8	9
33	Single Nucleotide Polymorphisms in the IS 900 Sequence of Mycobacterium avium subsp. paratuberculosis Are Strain Type Specific. Journal of Clinical Microbiology, 2009, 47, 2260-2264.	1.8	26
34	Discovery of Stable and Variable Differences in the Mycobacterium avium subsp. paratuberculosis Type I, II, and III Genomes by Pan-Genome Microarray Analysis. Applied and Environmental Microbiology, 2009, 75, 676-686.	1.4	39
35	Occurrence of Mycobacterium avium subspecies paratuberculosis across host species and European countries with evidence for transmission between wildlife and domestic ruminants. BMC Microbiology, 2009, 9, 212.	1.3	114
36	Development and validation of an oligonucleotide microarray for immuno-inflammatory genes of ruminants. Veterinary Research Communications, 2008, 32, 647-657.	0.6	7

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37	Combined Multilocus Short-Sequence-Repeat and Mycobacterial Interspersed Repetitive Unit-Variable-Number Tandem-Repeat Typing of Mycobacterium avium subsp. paratuberculosis Isolates. Journal of Clinical Microbiology, 2008, 46, 4091-4094.	1.8	56
38	Immunogenicity of Proteome-DeterminedMycobacterium aviumsubsp.paratuberculosis-Specific Proteins in Sheep with Paratuberculosis. Vaccine Journal, 2008, 15, 1824-1833.	3.2	27
39	New Variable-Number Tandem-Repeat Markers for Typing Mycobacterium avium subsp. paratuberculosis and M. avium Strains: Comparison with IS 900 and IS 1245 Restriction Fragment Length Polymorphism Typing. Journal of Clinical Microbiology, 2007, 45, 2404-2410.	1.8	188
40	Proteomic comparison of Mycobacterium avium subspecies paratuberculosis grown in vitro and isolated from clinical cases of ovine paratuberculosis. Microbiology (United Kingdom), 2007, 153, 196-206.	0.7	44
41	A 38-Kilobase Pathogenicity Island Specific for Mycobacterium avium subsp. paratuberculosis Encodes Cell Surface Proteins Expressed in the Host. Infection and Immunity, 2004, 72, 1265-1274.	1.0	38
42	Characterisation of IS901integration sites in theMycobacterium aviumgenome. FEMS Microbiology Letters, 2003, 221, 39-47.	0.7	7
43	Characterization of Genetic Differences between Mycobacterium avium subsp. paratuberculosis Type I and Type II Isolates. Journal of Clinical Microbiology, 2003, 41, 5215-5223.	1.8	46
44	DO NON-RUMINANT WILDLIFE POSE A RISK OF PARATUBERCULOSIS TO DOMESTIC LIVESTOCK AND VICE VERSA IN SCOTLAND?. Journal of Wildlife Diseases, 2003, 39, 10-15.	0.3	59
45	Molecular Characterization of Pigmented and Nonpigmented Isolates of Mycobacterium avium subsp. paratuberculosis. Journal of Clinical Microbiology, 2002, 40, 1798-1804.	1.8	107
46	Development of a Peptide-Mediated Capture PCR for Detection of Mycobacterium avium subsp. paratuberculosis in Milk. Journal of Clinical Microbiology, 2002, 40, 4244-4250.	1.8	74
47	Isolation and diagnostic potential of ISMav2, a novel insertion sequence-like element fromMycobacterium aviumsubspeciesparatuberculosis. FEMS Microbiology Letters, 2001, 196, 31-37.	0.7	57
48	Unique expression of a highly conserved mycobacterial gene in IS901 + Mycobacterium avium The GenBank accession number for the p40 gene, together with 542Âbp upstream sequence, is AF247653.. Microbiology (United Kingdom), 2001, 147, 1557-1564.	0.7	5
49	Epidemiological Study of Paratuberculosis in Wild Rabbits in Scotland. Journal of Clinical Microbiology, 1999, 37, 1746-1751.	1.8	156
50	Complete sequence of the gene encoding the bacterioferritin subunit of Mycobacterium avium subspecies silvaticum. Gene, 1994, 150, 205-206.	1.0	30
51	Complete nucleotide sequence of a gene encoding the 70 kd heat shock protein ofMycobacterium paratuberculosis. Nucleic Acids Research, 1991, 19, 4552-4552.	6.5	19