Srinand Sreevatsan

List of Publications by Year
in descending order

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182 papers	9,238 citations	36303 51 h-index	49909 87 g-index
183 all docs	183 docs citations	183 times ranked	9274 citing authors

#	Article	IF	Citations
1	Restricted structural gene polymorphism in the Mycobacterium tuberculosis complex indicates evolutionarily recent globalâ€‰dissemination. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9869-9874.	7.1	983
2	The emb operon, a gene cluster of Mycobacterium tuberculosis involved in resistance to ethambutol. Nature Medicine, 1997, 3, 567-570.	30.7	405
3	Ethambutol resistance in Mycobacterium tuberculosis: critical role of embB mutations. Antimicrobial Agents and Chemotherapy, 1997, 41, 1677-1681.	3.2	280
4	Longitudinal investigation of the age-related bacterial diversity in the feces of commercial pigs. Veterinary Microbiology, 2011, 153, 124-133.	1.9	274
5	Selection, characterization, and application of DNA aptamers for the capture and detection of Salmonella enterica serovars. Molecular and Cellular Probes, 2009, 23, 20-28.	2.1	234
6	Microbial shifts in the swine distal gut in response to the treatment with antimicrobial growth promoter, tylosin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15485-15490.	7.1	231
7	Mutations associated with pyrazinamide resistance in pncA of Mycobacterium tuberculosis complex organisms. Antimicrobial Agents and Chemotherapy, 1997, 41, 636-640.	3.2	214
8	Characterization of rpsL and rrs mutations in streptomycin-resistant Mycobacterium tuberculosis isolates from diverse geographic localities. Antimicrobial Agents and Chemotherapy, 1996, 40, 1024-1026.	3.2	183
9	Inactivation of Streptococcus pyogenes extracellular cysteine protease significantly decreases mouse lethality of serotype M3 and M49 strains.. Journal of Clinical Investigation, 1997, 99, 2574-2580.	8.2	182
10	Prevalence and Characterization of Staphylococcus aureus, Including Methicillin-Resistant Staphylococcus aureus, Isolated from Bulk Tank Milk from Minnesota Dairy Farms. Journal of Clinical Microbiology, 2012, 50, 688-695.	3.9	177
11	A review of the biology and epidemiology of cryptosporidiosis in humans and animals. Microbes and Infection, 2004, 6, 773-785.	1.9	145
12	Multilocus Short Sequence Repeat Sequencing Approach for Differentiating among Mycobacterium avium subsp. paratuberculosis Strains. Journal of Clinical Microbiology, 2004, 42, 1694-1702.	3.9	124
13	Methicillin-Resistant Staphylococcus aureus in Pigs and Farm Workers on Conventional and Antibiotic-Free Swine Farms in the USA. PLoS ONE, 2013, 8, e63704.	2.5	124
14	Persistence of Mycobacterium avium subsp. paratuberculosis and Other Zoonotic Pathogens during Simulated Composting, Manure Packing, and Liquid Storage of Dairy Manure. Applied and Environmental Microbiology, 2006, 72, 565-574.	3.1	121
15	Identification of a polymorphic nucleotide in oxyR specific for Mycobacterium bovis. Journal of Clinical Microbiology, 1996, 34, 2007-2010.	3.9	121
16	Characterization of the phylogenetic distribution and chromosomal insertion sites of five IS6110elements inMycobacterium tuberculosis: non-random integration in thednaAâ€“dnaNregion. Tubercle and Lung Disease, 1998, 79, 31-42.	2.1	118
17	Fluoroquinolone Resistance Associated with Specific Gyrase Mutations in Clinical Isolates of Multidrug-Resistant Mycobacterium tuberculosis. Journal of Infectious Diseases, 1996, 174, 1127-1130.	4.0	107
18	Tuberculosis Immunity: Opportunities from Studies with Cattle. Clinical and Developmental Immunology, 2011, 2011, 1-11.	3.3	104

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19	Molecular Epidemiology of Mycobacterium avium subsp. paratuberculosis Isolates Recovered from Wild Animal Species. Journal of Clinical Microbiology, 2004, 42, 1703-1712.	3.9	94
20	The within host dynamics of Mycobacterium avium ssp. paratuberculosis infection in cattle: where time and place matter. Veterinary Research, 2015, 46, 61.	3.0	93
21	Influenza-A Viruses in Ducks in Northwestern Minnesota: Fine Scale Spatial and Temporal Variation in Prevalence and Subtype Diversity. PLoS ONE, 2011, 6, e24010.	2.5	92
22	Molecular Epidemiology of Mycobacterium avium subsp. paratuberculosis : Evidence for Limited Strain Diversity, Strain Sharing, and Identification of Unique Targets for Diagnosis. Journal of Clinical Microbiology, 2003, 41, 2015-2026.	3.9	90
23	Heat-treated colostrum and reduced morbidity in preweaned dairy calves: Results of a randomized trial and examination of mechanisms of effectiveness. Journal of Dairy Science, 2012, 95, 4029-4040.	3.4	90
24	DNA Aptamers That Bind to PrP^C and Not Prp^{Sc} Show Sequence and Structure Specificity. Experimental Biology and Medicine, 2006, 231, 204-214.	2.4	89
25	Occurrence and Persistence of Erythromycin Resistance Genes (erm) and Tetracycline Resistance Genes (tet) in Waste Treatment Systems on Swine Farms. Microbial Ecology, 2010, 60, 479-486.	2.8	86
26	Aptamer-based surface-enhanced Raman scattering detection of ricin in liquid foods. Chemical Science, 2011, 2, 1579.	7.4	86
27	MMAS-1, the Branch Point Between cis- and trans-Cyclopropane-containing Oxygenated Mycolates in Mycobacterium tuberculosis. Journal of Biological Chemistry, 1997, 272, 10041-10049.	3.4	85
28	Isolation of Mycobacterium avium subsp. paratuberculosis from Free-Ranging Birds and Mammals on Livestock Premises. Applied and Environmental Microbiology, 2005, 71, 6963-6967.	3.1	84
29	Role ofMannheimia haemolyticaleukotoxin in the pathogenesis of bovine pneumonic pasteurellosis. Animal Health Research Reviews, 2002, 3, 69-82.	3.1	82
30	Swine-to-Human Transmission of Influenza A(H3N2) Virus at Agricultural Fairs, Ohio, USA, 2012. Emerging Infectious Diseases, 2014, 20, 1472-1480.	4.3	79
31	Biomarker Discovery in Subclinical Mycobacterial Infections of Cattle. PLoS ONE, 2009, 4, e5478.	2.5	79
32	Identification and Characterization of a Spore-Like Morphotype in Chronically Starved Mycobacterium avium Subsp. Paratuberculosis Cultures. PLoS ONE, 2012, 7, e30648.	2.5	78
33	Construction of an isogenic leukotoxin deletion mutant ofPasteurella haemolyticaserotype 1: characterization and virulence. Microbial Pathogenesis, 1998, 24, 37-46.	2.9	77
34	HumanEscherichia coliO157:H7 Genetic Marker in Isolates of Bovine Origin. Emerging Infectious Diseases, 2004, 10, 1482-1485.	4.3	76
35	Mycobacterium avium subsp. paratuberculosis Strains Isolated from Crohn's Disease Patients and Animal Species Exhibit Similar Polymorphic Locus Patterns. Journal of Clinical Microbiology, 2004, 42, 5345-5348.	3.9	75
36	Epidemiology and Genotypic Characteristics of Methicillin-Resistant Staphylococcus aureus Strains of Porcine Origin. Journal of Clinical Microbiology, 2012, 50, 3687-3693.	3.9	74

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37	Molecular analysis of the S1 subunit of the spike glycoprotein of respiratory and enteric bovine coronavirus isolates. Virus Research, 2002, 84, 101-109.	2.2	72
38	Consensus-based reporting standards for diagnostic test accuracy studies for paratuberculosis in ruminants. Preventive Veterinary Medicine, 2011, 101, 18-34.	1.9	69
39	The role of IL-10 in Mycobacterium avium subsp. paratuberculosis infection. Cell Communication and Signaling, 2016, 14, 29.	6.5	65
40	North Atlantic Migratory Bird Flyways Provide Routes for Intercontinental Movement of Avian Influenza Viruses. PLoS ONE, 2014, 9, e92075.	2.5	65
41	Cytokine responses of bovine macrophages to diverse clinical Mycobacterium avium subspecies paratuberculosis strains. BMC Microbiology, 2006, 6, 10.	3.3	62
42	Comparative genomic analysis of Mycobacterium avium subspecies obtained from multiple host species. BMC Genomics, 2008, 9, 135.	2.8	61
43	Efficient Differentiation ofMycobacterium aviumComplex Species and Subspecies by Use of Five-Target Multiplex PCR. Journal of Clinical Microbiology, 2010, 48, 4057-4062.	3.9	61
44	Changes in the Porcine Intestinal Microbiome in Response to Infection with Salmonella enterica and Lawsonia intracellularis. PLoS ONE, 2015, 10, e0139106.	2.5	61
45	Transcriptional analysis of diverse strains Mycobacterium avium subspecies paratuberculosis in primary bovine monocyte derived macrophages. Microbes and Infection, 2008, 10, 1274-1282.	1.9	58
46	Clonal Dissemination of Enterobacter cloacae Harboring bla _{KPC-3} in the Upper Midwestern United States. Antimicrobial Agents and Chemotherapy, 2015, 59, 7723-7734.	3.2	58
47	Heat treatment of colostrum on commercial dairy farms decreases colostrum microbial counts while maintaining colostrum immunoglobulin G concentrations. Journal of Dairy Science, 2012, 95, 2697-2702.	3.4	57
48	Current understanding of the genetic diversity of Mycobacterium avium subsp. paratuberculosis. Microbes and Infection, 2006, 8, 1406-1418.	1.9	56
49	A single DNA aptamer functions as a biosensor for ricin. Analyst, The, 2011, 136, 3884.	3.5	56
50	Viral Replication, Persistence in Water and Genetic Characterization of Two Influenza A Viruses Isolated from Surface Lake Water. PLoS ONE, 2011, 6, e26566.	2.5	55
51	The Feasibility of Using High Resolution Genome Sequencing of Influenza A Viruses to Detect Mixed Infections and Quasispecies. PLoS ONE, 2009, 4, e7105.	2.5	54
52	Genome sequencing of ovine isolates of Mycobacterium avium subspecies paratuberculosis offers insights into host association. BMC Genomics, 2012, 13, 89.	2.8	54
53	A Multiplex Approach to Molecular Detection of Brucella abortus and/or Mycobacterium bovis Infection in Cattle. Journal of Clinical Microbiology, 2000, 38, 2602-2610.	3.9	52
54	A large-scale study of differential gene expression in monocyte-derived macrophages infected with several strains of Mycobacterium avium subspecies paratuberculosis. Briefings in Functional Genomics, 2010, 9, 220-237.	2.7	51

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55	Molecular evidence for interspecies transmission of H3N2pM/H3N2v influenza A viruses at an Ohio agricultural fair, July 2012. Emerging Microbes and Infections, 2012, 1, 1-8.	6.5	51
56	Single Nucleotide Polymorphisms in the Mycobacterium bovis Genome Resolve Phylogenetic Relationships. Journal of Clinical Microbiology, 2012, 50, 3853-3861.	3.9	50
57	Rapid, Selective, Label-Free Aptameric Capture and Detection of Ricin in Potable Liquids Using a Printed Floating Gate Transistor. ACS Sensors, 2016, 1, 1213-1216.	7.8	50
58	Prevalence and Characterization of Staphylococcus aureus in Growing Pigs in the USA. PLoS ONE, 2015, 10, e0143670.	2.5	50
59	Comparative Transcriptional Analysis of Human Macrophages Exposed to Animal and Human Isolates of Mycobacterium avium Subspecies paratuberculosis with Diverse Genotypes. Infection and Immunity, 2006, 74, 6046-6056.	2.2	47
60	Mycobacterium bovis Induces Endoplasmic Reticulum Stress Mediated-Apoptosis by Activating IRF3 in a Murine Macrophage Cell Line. Frontiers in Cellular and Infection Microbiology, 2016, 6, 182.	3.9	47
61	Neutralizing DNA Aptamers against Swine Influenza H3N2 Viruses. Journal of Clinical Microbiology, 2013, 51, 46-54.	3.9	43
62	Rapid Detection and Typing of Strains of Mycobacterium avium subsp. paratuberculosis from Broth Cultures. Journal of Clinical Microbiology, 2005, 43, 2111-2117.	3.9	40
63	Experimental infection of a bovine model with human isolates of Mycobacterium avium subsp. paratuberculosis. Veterinary Immunology and Immunopathology, 2011, 141, 258-266.	1.2	40
64	Reassortant influenza A viruses in wild duck populations: effects on viral shedding and persistence in water. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3967-3975.	2.6	40
65	Short-Sequence-Repeat Analysis of Mycobacterium avium subsp. paratuberculosis and Mycobacterium avium subsp. avium Isolates Collected from Animals Throughout the United States Reveals Both Stability of Loci and Extensive Diversity. Journal of Clinical Microbiology, 2006, 44, 2970-2973.	3.9	39
66	Survival of Mycobacterium avium subsp. paratuberculosis in bovine monocyte-derived macrophages is not affected by host infection status but depends on the infecting bacterial genotype. Veterinary Immunology and Immunopathology, 2007, 120, 93-105.	1.2	39
67	Live Animal Markets in Minnesota: A Potential Source for Emergence of Novel Influenza A Viruses and Interspecies Transmission. Clinical Infectious Diseases, 2015, 61, 1355-1362.	5.8	39
68	Increased tumor necrosis factor-Î± and interleukin-1Î² expression in the lungs of calves with experimental pneumonic pasteurellosis. Veterinary Immunology and Immunopathology, 1995, 49, 15-28.	1.2	37
69	Transmission of bovine coronavirus and serologic responses in feedlot calves under field conditions. American Journal of Veterinary Research, 2006, 67, 1412-1420.	0.6	37
70	A rational framework for evaluating the next generation of vaccines against Mycobacterium avium subspecies paratuberculosis. Frontiers in Cellular and Infection Microbiology, 2014, 4, 126.	3.9	37
71	Genotype distribution of Mycoplasma hyopneumoniae in swine herds from different geographical regions. Veterinary Microbiology, 2015, 175, 374-381.	1.9	37
72	Evaluation of multiple genomic targets for identification and confirmation of Mycobacterium avium subsp. paratuberculosis isolates using real-time PCR. Veterinary Microbiology, 2005, 105, 215-221.	1.9	36

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73	Primary transcriptomes of Mycobacterium avium subsp. paratuberculosis reveal proprietary pathways in tissue and macrophages. BMC Genomics, 2010, 11, 561.	2.8	35
74	Mannosylated Lipoarabinomannans from Mycobacterium Avium Subsp. Paratuberculosis Alters the Inflammatory Response by Bovine Macrophages and Suppresses Killing of Mycobacterium Avium Subsp. Avium Organisms. PLoS ONE, 2013, 8, e75924.	2.5	35
75	Complete Genome Sequencing of Influenza A Viruses within Swine Farrow-to-Wean Farms Reveals the Emergence, Persistence, and Subsidence of Diverse Viral Genotypes. Journal of Virology, 2017, 91, .	3.4	35
76	Genetic Diversity of Mastitis-Associated Klebsiella pneumoniae in Dairy Cows. Journal of Dairy Science, 2007, 90, 3681-3689.	3.4	34
77	Aptamer-Mediated Magnetic and Gold-Coated Magnetic Nanoparticles as Detection Assay for Prion Protein Assessment. Biotechnology Progress, 2007, 23, 0-0.	2.6	34
78	Host-Mycobacterium avium subsp. paratuberculosis interactome reveals a novel iron assimilation mechanism linked to nitric oxide stress during early infection. BMC Genomics, 2013, 14, 694.	2.8	34
79	Association between Influenza A Virus Infection and Pigs Subpopulations in Endemically Infected Breeding Herds. PLoS ONE, 2015, 10, e0129213.	2.5	33
80	New disc-based technologies for diagnostic and research applications. Psychiatric Genetics, 2002, 12, 193-206.	1.1	32
81	The Central Role of IFI204 in IFN-Î² Release and Autophagy Activation during Mycobacterium bovis Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 169.	3.9	32
82	Development of a new microwell hybridization assay and an internal control RNA for the detection of porcine noroviruses and sapoviruses by reverse transcription-PCR. Journal of Virological Methods, 2006, 132, 135-145.	2.1	31
83	Persistence ofListeriaandSalmonellaDuring Swine Manure Treatment. Compost Science and Utilization, 2007, 15, 53-62.	1.2	31
84	Identification and functional characterization of the iron-dependent regulator (IdeR) of Mycobacterium avium subsp. paratuberculosis. Microbiology (United Kingdom), 2009, 155, 3683-3690.	1.8	31
85	One Medicine One Science: a framework for exploring challenges at the intersection of animals, humans, and the environment. Annals of the New York Academy of Sciences, 2014, 1334, 26-44.	3.8	31
86	The effect of anatomic site and age on detection of Staphylococcus aureus in pigs. Journal of Veterinary Diagnostic Investigation, 2015, 27, 55-60.	1.1	30
87	Wholeâ€genome sequencing reveals Listeria monocytogenes diversity and allows identification of longâ€term persistent strains in Brazil. Environmental Microbiology, 2019, 21, 4478-4487.	3.8	30
88	Paradigm reduxâ€"Mycobacterium avium subspecies paratuberculosis-macrophage interactions show clear variations between bovine and human physiological body temperatures. Microbial Pathogenesis, 2010, 48, 143-149.	2.9	29
89	Distribution and Diversity of Pathogenic Leptospira Species in Peri-domestic Surface Waters from South Central Chile. PLoS Neglected Tropical Diseases, 2016, 10, e0004895.	3.0	29
90	Evolutionary Dynamics of Influenza A Viruses in US Exhibition Swine. Journal of Infectious Diseases, 2016, 213, 173-182.	4.0	28

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91	MicroRNA-199a Inhibits Cellular Autophagy and Downregulates IFN-Î² Expression by Targeting TBK1 in Mycobacterium bovis Infected Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 238.	3.9	28
92	Circulating Mycobacterium bovis Peptides and Host Response Proteins as Biomarkers for Unambiguous Detection of Subclinical Infection. Journal of Clinical Microbiology, 2014, 52, 536-543.	3.9	27
93	The science behind One Health: at the interface of humans, animals, and the environment. Annals of the New York Academy of Sciences, 2017, 1395, 12-32.	3.8	26
94	Longitudinal study of Staphylococcus aureus colonization and infection in a cohort of swine veterinarians in the United States. BMC Infectious Diseases, 2017, 17, 690.	2.9	26
95	Comparative evaluation of antibodies induced by commercial Pasteurella haemolytica vaccines using solid phase immunoassays. Veterinary Microbiology, 1996, 49, 181-195.	1.9	25
96	Full length sequencing of all nine subtypes of the neuraminidase gene of influenza A viruses using subtype specific primer sets. Journal of Virological Methods, 2010, 165, 116-120.	2.1	25
97	Infection with Mycobacterium avium subsp. paratuberculosis Results in Rapid Interleukin-1Î² Release and Macrophage Transepithelial Migration. Infection and Immunity, 2012, 80, 3225-3235.	2.2	25
98	Development and characterization of an aptamer binding ligand of fractalkine using domain targeted SELEX. Chemical Communications, 2012, 48, 10043.	4.1	25
99	A novel method for detection of H9N2 influenza viruses by an aptamer-real time-PCR. Journal of Virological Methods, 2017, 243, 83-91.	2.1	25
100	Evaluation of three experimental subunit vaccines against pneumonic pasteurellosis in cattle. Vaccine, 1996, 14, 147-154.	3.8	24
101	Comparative evaluation of cleavase fragment length polymorphism with PCR-SSCP and PCR-RFLP to detect antimicrobial agent resistance in Mycobacterium tuberculosis. Molecular Diagnosis and Therapy, 1998, 3, 81-91.	1.1	24
102	Development of a sensitive detection system for Cryptosporidium in environmental samples. Veterinary Parasitology, 2006, 136, 201-213.	1.8	24
103	MAC-INMV-SSR: a web application dedicated to genotyping members of Mycobacterium avium complex (MAC) including Mycobacterium avium subsp. paratuberculosis strains. Infection, Genetics and Evolution, 2020, 77, 104075.	2.3	24
104	Rapid Expression of Mycobacterium avium subsp. paratuberculosis Recombinant Proteins for Antigen Discovery. Vaccine Journal, 2007, 14, 102-105.	3.1	23
105	Multiple Genome Constellations of Similar and Distinct Influenza A Viruses Co-Circulate in Pigs During Epidemic Events. Scientific Reports, 2017, 7, 11886.	3.3	23
106	Influence of Type of Culture Medium on Characterization ofMycobacterium aviumsubsp.paratuberculosisSubtypes. Journal of Clinical Microbiology, 2008, 46, 145-149.	3.9	22
107	Monoclonal Antibodies Bind A SNP-Sensitive Epitope that is Present Uniquely in Mycobacterium avium Subspecies Paratuberculosis. Frontiers in Microbiology, 2011, 2, 163.	3.5	22
108	Introduction, Evolution, and Dissemination of Influenza A Viruses in Exhibition Swine in the United States during 2009 to 2013. Journal of Virology, 2016, 90, 10963-10971.	3.4	22

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109	Algorithmic Approach to High-Throughput Molecular Screening for Alpha Interferon-Resistant Genotypes in Hepatitis C Patients. Journal of Clinical Microbiology, 1998, 36, 1895-1901.	3.9	22
110	Screening of Mycobacterium avium subsp. paratuberculosis mutants for attenuation in a bovine monocyte-derived macrophage model. Frontiers in Cellular and Infection Microbiology, 2014, 4, 87.	3.9	21
111	Delta-like 1 protein, vitamin D binding protein and fetuin for detection ofMycobacterium tuberculosismeningitis. Biomarkers in Medicine, 2018, 12, 707-716.	1.4	21
112	Induction of nitric oxide production by bovine alveolar macrophages in response toPasteurella haemolyticaA1. Microbial Pathogenesis, 1996, 20, 361-375.	2.9	20
113	Effect of Tillage and Rainfall on Transport of Manureâ€Applied Cryptosporidium parvum Oocysts Through Soil. Journal of Environmental Quality, 2009, 38, 2394-2401.	2.0	20
114	Comparative in vivo gene expression of the closely related bacteria Photorhabdus temperata and Xenorhabdus koppenhoeferi upon infection of the same insect host, Rhizotrogus majalis. BMC Genomics, 2009, 10, 433.	2.8	20
115	Selection and characterization of DNA aptamers against PrP^{Sc}. Experimental Biology and Medicine, 2011, 236, 466-476.	2.4	20
116	The risk of tuberculosis transmission to freeâ€ranging great apes. American Journal of Primatology, 2014, 76, 2-13.	1.7	20
117	Cell membrane receptors on bovine mononuclear phagocytes involved in phagocytosis of Mycobacterium avium subsp paratuberculosis. American Journal of Veterinary Research, 2007, 68, 975-980.	0.6	19
118	Iron-sparing Response of Mycobacterium avium subsp. paratuberculosis is strain dependent. BMC Microbiology, 2010, 10, 268.	3.3	19
119	Development and Characterization of Monoclonal Antibodies and Aptamers against Major Antigens of Mycobacterium avium subsp. paratuberculosis. Vaccine Journal, 2007, 14, 518-526.	3.1	18
120	A Combined Enrichment and Aptamer Pulldown Assay for Francisella tularensis Detection in Food and Environmental Matrices. PLoS ONE, 2014, 9, e114622.	2.5	18
121	Molecular Subtyping of Mastitis-Associated Klebsiella pneumoniae Isolates Shows High Levels of Diversity Within and Between Dairy Herds. Journal of Dairy Science, 2008, 91, 554-563.	3.4	17
122	Detection of Mycobacterium avium subspecies paratuberculosis in the saliva of dairy cows: A pilot study. Veterinary Microbiology, 2013, 164, 383-386.	1.9	17
123	Determination of the sensitivity and specificity of bovine tuberculosis screening tests in dairy herds in Thailand using a Bayesian approach. BMC Veterinary Research, 2019, 15, 149.	1.9	16
124	Phylogeography and Antigenic Diversity of Low-Pathogenic Avian Influenza H13 and H16 Viruses. Journal of Virology, 2020, 94, .	3.4	16
125	Evaluation of efficacy of three commercial vaccines against experimental bovine pneumonic pasteurellosis. Veterinary Microbiology, 1996, 52, 81-89.	1.9	15
126	Moraxella osloensis Gene Expression in the Slug Host Deroceras reticulatum. BMC Microbiology, 2008, 8, 19.	3.3	15

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127	A Mycobacterium avium subsp. paratuberculosis Predicted Serine Protease Is Associated with Acid Stress and Intraphagosomal Survival. Frontiers in Cellular and Infection Microbiology, 2016, 6, 85.	3.9	15
128	Molecular Evolution of Human H1N1 and H3N2 Influenza A Virus in Thailand, 2006â€“2009. PLoS ONE, 2010, 5, e9717.	2.5	15
129	Differences in pathogenicity of three animal isolates of Mycobacterium species in a mouse model. PLoS ONE, 2017, 12, e0183666.	2.5	15
130	Amplification of four genes of influenza A viruses using a degenerate primer set in a one step RT-PCR method. Journal of Virological Methods, 2009, 160, 163-166.	2.1	13
131	Isolation of mixed subtypes of influenza A virus from a bald eagle (Haliaeetus leucocephalus). Virology Journal, 2010, 7, 174.	3.4	13
132	Antigenic drift of <scp>H</scp>1<scp>N</scp>1 influenza <scp>A</scp> virus in pigs with and without passive immunity. Influenza and Other Respiratory Viruses, 2013, 7, 52-60.	3.4	13
133	Generation and screening of a comprehensive Mycobacterium avium subsp. paratuberculosis transposon mutant bank. Frontiers in Cellular and Infection Microbiology, 2014, 4, 144.	3.9	13
134	H7N9 influenza A virus in turkeys in Minnesota. Journal of General Virology, 2015, 96, 269-276.	2.9	12
135	Noninvasive Test for Tuberculosis Detection among Primates. Emerging Infectious Diseases, 2015, 21, 468-470.	4.3	12
136	Molecular epidemiology of Mycoplasma hyorhinis porcine field isolates in the United States. PLoS ONE, 2019, 14, e0223653.	2.5	12
137	Tuberculosis in elephants: Origins and evidence of interspecies transmission. Tuberculosis, 2020, 123, 101962.	1.9	12
138	Evaluation of two recovery methods for detection ofMycobacterium aviumsubsp.paratuberculosisby PCR: direct-dilutionÃ¢Â€Â“centrifugation and C18-carboxypropylbetaine processing. FEMS Microbiology Letters, 2003, 229, 145-151.	1.8	11
139	Genotyping of Mycoplasma hyorhinis using multiple-locus variable number tandem repeat analysis. Journal of Microbiological Methods, 2015, 111, 87-92.	1.6	11
140	Effect of feeding heat-treated colostrum on risk for infection with Mycobacterium avium ssp. paratuberculosis, milk production, and longevity in Holstein dairy cows. Journal of Dairy Science, 2015, 98, 5630-5641.	3.4	11
141	Noninvasive Tuberculosis Screening in Free-Living Primate Populations in Gombe National Park, Tanzania. EcoHealth, 2016, 13, 139-144.	2.0	11
142	Evaluation of Real-Time Quaking-Induced Conversion, ELISA, and Immunohistochemistry for Chronic Wasting Disease Diagnosis. Frontiers in Veterinary Science, 2021, 8, 824815.	2.2	11
143	Mycobacterium aviumssp.paratuberculosisHigh Shedding in an Adult Female Alpaca, and its Implications for the Rest of the Herd. Journal of Veterinary Internal Medicine, 2009, 23, 1311-1314.	1.6	10
144	Lack of evidence for fecal shedding of Mycobacterium avium subsp. paratuberculosis in calves born to fecal culture positive dams. Preventive Veterinary Medicine, 2010, 93, 242-245.	1.9	10

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145	How does a Mycobacterium change its spots? Applying molecular tools to track diverse strains of Mycobacterium avium subspecies paratuberculosis. Letters in Applied Microbiology, 2013, 57, 165-173.	2.2	10
146	Knowledge, attitudes, and poultry-handling practices of poultry workers in relation to avian influenza in India. Indian Journal of Industrial Medicine, 2013, 17, 16.	0.4	10
147	An overview of transmissible spongiform encephalopathies. Animal Health Research Reviews, 2004, 5, 103-124.	3.1	9
148	Genome plasticity of triple-reassortant H1N1 influenza A virus during infection of vaccinated pigs. Journal of General Virology, 2015, 96, 2982-2993.	2.9	9
149	A Serine12Stop mutation in PB1-F2 of the 2009 pandemic (H1N1) influenza A: a possible reason for its enhanced transmission and pathogenicity to humans. Journal of Veterinary Science, 2009, 10, 349.	1.3	9
150	Efficacy of various vaccines against pneumonic pasteurellosis in cattle: a meta-analysis. Preventive Veterinary Medicine, 1995, 25, 7-17.	1.9	8
151	Experimental Validation of a Nested Polymerase Chain Reaction Targeting the Genetic Element ISMAP02 for Detection of Mycobacterium Avium Subspecies Paratuberculosis in Bovine Colostrum. Journal of Veterinary Diagnostic Investigation, 2010, 22, 253-256.	1.1	8
152	Analyzing Influenza Virus Sequences using Binary Encoding Approach. Scientific Programming, 2012, 20, 3-13.	0.7	8
153	Rapid baso-apical translocation of Mycobacterium avium ssp. paratuberculosis in mammary epithelial cells in the presence of Escherichia coli. Journal of Dairy Science, 2018, 101, 6287-6295.	3.4	8
154	Elucidating the Regulon of a Fur-like Protein in Mycobacterium avium subsp. paratuberculosis (MAP). Frontiers in Microbiology, 2020, 11, 598.	3.5	8
155	Genetic variability of influenza A virus in pigs at weaning in Midwestern United States swine farms. Transboundary and Emerging Diseases, 2021, 68, 62-75.	3.0	8
156	Development of a Multidimensional Proteomic Approach to Detect Circulating Immune Complexes in Cattle Experimentally Infected With Mycobacterium bovis. Frontiers in Veterinary Science, 2018, 5, 141.	2.2	7
157	Quantification of Mycobacterium avium subsp. paratuberculosis (MAP) survival in monocyte-derived macrophages. Veterinary Immunology and Immunopathology, 2011, 139, 73-78.	1.2	6
158	Y145Stop is sufficient to induce de novo generation prions using protein misfolding cyclic amplification. Prion, 2012, 6, 81-88.	1.8	6
159	Effects of tylosin administration on C-reactive protein concentration and carriage of Salmonella enterica in pigs. American Journal of Veterinary Research, 2014, 75, 460-467.	0.6	6
160	Time-space analysis of highly pathogenic avian influenza H5N2 outbreak in the US. Virology Journal, 2016, 13, 147.	3.4	6
161	Factors Affecting Herd Status for Bovine Tuberculosis in Dairy Cattle in Northern Thailand. Veterinary Medicine International, 2017, 2017, 1-6.	1.5	6
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