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	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
2	Genome Sequences of Mycobacterium tuberculosis Biovar bovis Strains Ravenel and 10-7428. Microbiology Resource Announcements, 2021, 10, e0041121.	0.6	1
3	Apoptosis in the late replication phase of Bovine alphaherpesvirus 1 in experimentally infected calves. Brazilian Journal of Microbiology, 2021, 52, 2529-2534.	2.0	1
4	Genome Sequences of Two Mycobacterium tuberculosis Isolates from Asian Elephants in Nepal. Microbiology Resource Announcements, 2021, 10, e0061421.	0.6	2
5	Genome Sequences of Mycobacterium Strains Recovered from Captive Elephants with Tuberculosis. Microbiology Resource Announcements, 2021, 10, e0067121.	0.6	0
6	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
7	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
8	Genetic diversity of influenza A viruses circulating in pigs between winter and summer in a Minnesota live animal market. Zoonoses and Public Health, 2020, 67, 243-250.	2.2	3
9	Tuberculosis in elephants: Origins and evidence of interspecies transmission. Tuberculosis, 2020, 123, 101962.	1.9	12
10	Elucidating the Regulon of a Fur-like Protein in Mycobacterium avium subsp. paratuberculosis (MAP). Frontiers in Microbiology, 2020, 11, 598.	3.5	8
11	Phylogeography and Antigenic Diversity of Low-Pathogenic Avian Influenza H13 and H16 Viruses. Journal of Virology, 2020, 94, .	3.4	16
12	Retrospective Analysis of Archived Pyrazinamide Resistant Mycobacterium tuberculosis Complex Isolates from Ugandaâ€"Evidence of Interspecies Transmission. Microorganisms, 2019, 7, 221.	3.6	6
13	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
14	Molecular epidemiology of Mycoplasma hyorhinis porcine field isolates in the United States. PLoS ONE, 2019, 14, e0223653.	2.5	12
15	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
16	Tuberculosis at the animalâ€"human interface in the Ugandan cattle corridor using a third-generation sequencing platform: a cross-sectional analysis study. BMJ Open, 2019, 9, e024221.	1.9	3
17	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
18	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

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19	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
20	Delta-like 1 protein, vitamin D binding protein and fetuin for detection ofMycobacterium tuberculosismeningitis. Biomarkers in Medicine, 2018, 12, 707-716.	1.4	21
21	Major histocompatibility complex I of swine respiratory cells presents conserved regions of influenza proteins. Journal of General Virology, 2018, 99, 303-308.	2.9	2
22	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
23	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
24	Evaluation of pathogen-specific biomarkers for the diagnosis of tuberculosis in white-tailed deer (Odocoileus virginianus). American Journal of Veterinary Research, 2017, 78, 729-734.	0.6	4
25	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
26	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
27	Evolution and Vaccination of Influenza Virus. Journal of Computational Biology, 2017, 24, 787-798.	1.6	4
28	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
29	Factors Affecting Herd Status for Bovine Tuberculosis in Dairy Cattle in Northern Thailand. Veterinary Medicine International, 2017, 2017, 1-6.	1.5	6
30	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
31	Differences in pathogenicity of three animal isolates of Mycobacterium species in a mouse model. PLoS ONE, 2017, 12, e0183666.	2.5	15
32	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
33	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
34	Time-space analysis of highly pathogenic avian influenza H5N2 outbreak in the US. Virology Journal, 2016, 13, 147.	3.4	6
35	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
36	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

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37	The role of IL-10 in Mycobacterium avium subsp. paratuberculosis infection. Cell Communication and Signaling, 2016, 14, 29.	6.5	65
38	Noninvasive Tuberculosis Screening in Free-Living Primate Populations in Gombe National Park, Tanzania. EcoHealth, 2016, 13, 139-144.	2.0	11
39	Evolutionary Dynamics of Influenza A Viruses in US Exhibition Swine. Journal of Infectious Diseases, 2016, 213, 173-182.	4.0	28
40	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
41	Changes in the Porcine Intestinal Microbiome in Response to Infection with Salmonella enterica and Lawsonia intracellularis. PLoS ONE, 2015, 10, e0139106.	2.5	61
42	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
43	Genotyping of Mycoplasma hyorhinis using multiple-locus variable number tandem repeat analysis. Journal of Microbiological Methods, 2015, 111, 87-92.	1.6	11
44	H7N9 influenza A virus in turkeys in Minnesota. Journal of General Virology, 2015, 96, 269-276.	2.9	12
45	Genotype distribution of Mycoplasma hyopneumoniae in swine herds from different geographical regions. Veterinary Microbiology, 2015, 175, 374-381.	1.9	37
46	Association between Influenza A Virus Infection and Pigs Subpopulations in Endemically Infected Breeding Herds. PLoS ONE, 2015, 10, e0129213.	2.5	33
47	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
48	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
49	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
50	Noninvasive Test for Tuberculosis Detection among Primates. Emerging Infectious Diseases, 2015, 21, 468-470.	4.3	12
51	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
52	Draft Genome Sequences of Mycobacterium bovis BZ 31150 and Mycobacterium bovis B2 7505, Pathogenic Bacteria Isolated from Archived Captive Animal Bronchial Washes and Human Sputum Samples in Uganda. Genome Announcements, 2015, 3, .	0.8	5
53	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
54	Prevalence and Characterization of Staphylococcus aureus in Growing Pigs in the USA. PLoS ONE, 2015, 10, e0143670.	2.5	50

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55	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
56	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
57	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
58	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
59	Draft Genome Sequences of Two Pasteurella multocida Strains Isolated from Buffaloes in India with Hemorrhagic Septicemia Disease. Genome Announcements, 2014, 2, .	0.8	3
60	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
61	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
62	High throughput genetic sequence analysis. , 2014, , .		0
63	The risk of tuberculosis transmission to freeâ€ranging great apes. American Journal of Primatology, 2014, 76, 2-13.	1.7	20
64	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
65	Mannosylated lipoarabinomannan in serum as a biomarker candidate for subclinical bovine tuberculosis. BMC Research Notes, 2014, 7, 559.	1.4	5
66	North Atlantic Migratory Bird Flyways Provide Routes for Intercontinental Movement of Avian Influenza Viruses. PLoS ONE, 2014, 9, e92075.	2.5	65
67	A Combined Enrichment and Aptamer Pulldown Assay for Francisella tularensis Detection in Food and Environmental Matrices. PLoS ONE, 2014, 9, e114622.	2.5	18
68	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
69	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
70	Molecular and phylogenetic analysis of matrix gene of avian influenza viruses isolated from wild birds and live bird markets in the USA. Influenza and Other Respiratory Viruses, 2013, 7, 513-520.	3.4	5
71	Detection of Mycobacterium avium subspecies paratuberculosis in the saliva of dairy cows: A pilot study. Veterinary Microbiology, 2013, 164, 383-386.	1.9	17
72	Neutralizing DNA Aptamers against Swine Influenza H3N2 Viruses. Journal of Clinical Microbiology, 2013, 51, 46-54.	3.9	43

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73	Livestock Density as Risk Factor for Livestock-associated Methicillin-ResistantStaphylococcus aureus, the Netherlands. Emerging Infectious Diseases, 2013, 19, 1551-2.	4.3	3
74	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
75	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
76	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
77	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
78	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
79	Y145Stop is sufficient to induce de novo generation prions using protein misfolding cyclic amplification. Prion, 2012, 6, 81-88.	1.8	6
80	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
81	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
82	Single Nucleotide Polymorphisms in the Mycobacterium bovis Genome Resolve Phylogenetic Relationships. Journal of Clinical Microbiology, 2012, 50, 3853-3861.	3.9	50
83	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
84	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
85	Epidemiology and Genotypic Characteristics of Methicillin-Resistant Staphylococcus aureus Strains of Porcine Origin. Journal of Clinical Microbiology, 2012, 50, 3687-3693.	3.9	74
86	Development and characterization of an aptamer binding ligand of fractalkine using domain targeted SELEX. Chemical Communications, 2012, 48, 10043.	4.1	25
87	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
88	Genome sequencing of ovine isolates of Mycobacterium avium subspecies paratuberculosis offers insights into host association. BMC Genomics, 2012, 13, 89.	2.8	54
89	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
90	Identification and Characterization of a Spore-Like Morphotype in Chronically Starved Mycobacterium avium Subsp. Paratuberculosis Cultures. PLoS ONE, 2012, 7, e30648.	2.5	78

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91	Analyzing Influenza Virus Sequences using Binary Encoding Approach. Scientific Programming, 2012, 20, 3-13.	0.7	8
92	Aptamer-based surface-enhanced Raman scattering detection of ricin in liquid foods. Chemical Science, 2011, 2, 1579.	7.4	86
93	A single DNA aptamer functions as a biosensor for ricin. Analyst, The, 2011, 136, 3884.	3.5	56
94	Quantification of Mycobacterium avium subsp. paratuberculosis (MAP) survival in monocyte-derived macrophages. Veterinary Immunology and Immunopathology, 2011, 139, 73-78.	1.2	6
95	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
96	Tuberculosis Immunity: Opportunities from Studies with Cattle. Clinical and Developmental Immunology, 2011, 2011, 1-11.	3.3	104
97	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
98	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
99	Consensus-based reporting standards for diagnostic test accuracy studies for paratuberculosis in ruminants. Preventive Veterinary Medicine, 2011, 101, 18-34.	1.9	69
100	Longitudinal investigation of the age-related bacterial diversity in the feces of commercial pigs. Veterinary Microbiology, 2011, 153, 124-133.	1.9	274
101	Sequence analysis of the neuraminidase genes of avian influenza A viruses isolated from live bird markets in the United States. Virus Genes, 2011, 43, 60-65.	1.6	0
102	Selection and characterization of DNA aptamers against PrP^{Sc}. Experimental Biology and Medicine, 2011, 236, 466-476.	2.4	20
103	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
104	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
105	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
106	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
107	Primary transcriptomes of Mycobacterium avium subsp. paratuberculosis reveal proprietary pathways in tissue and macrophages. BMC Genomics, 2010, 11, 561.	2.8	35
108	Iron-sparing Response of Mycobacterium avium subsp. paratuberculosis is strain dependent. BMC Microbiology, 2010, 10, 268.	3.3	19

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109	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
110	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
111	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
112	Influenza A Viruses in American White Pelican (Pelecanus erythrorhynchos). Journal of Wildlife Diseases, 2010, 46, 1284-1289.	0.8	4
113	Isolation of mixed subtypes of influenza A virus from a bald eagle (Haliaeetus leucocephalus). Virology Journal, 2010, 7, 174.	3.4	13
114	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
115	Molecular Evolution of Human H1N1 and H3N2 Influenza A Virus in Thailand, 2006â€"2009. PLoS ONE, 2010, 5, e9717.	2.5	15
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	Biomarker Discovery in Subclinical Mycobacterial Infections of Cattle. PLoS ONE, 2009, 4, e5478.	2.5	79
124	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
125	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
126	Comparative genomic analysis of Mycobacterium avium subspecies obtained from multiple host species. BMC Genomics, 2008, 9, 135.	2.8	61

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127	Moraxella osloensis Gene Expression in the Slug Host Deroceras reticulatum. BMC Microbiology, 2008, 8, 19.	3.3	15
128	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
129	Influence of Type of Culture Medium on Characterization ofMycobacterium aviumsubsp.paratuberculosisSubtypes. Journal of Clinical Microbiology, 2008, 46, 145-149.	3.9	22
130	Persistence ofListeriaandSalmonellaDuring Swine Manure Treatment. Compost Science and Utilization, 2007, 15, 53-62.	1.2	31
131	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
132	Rapid Expression of Mycobacterium avium subsp. paratuberculosis Recombinant Proteins for Antigen Discovery. Vaccine Journal, 2007, 14, 102-105.	3.1	23
133	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
134	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
135	Genetic Diversity of Mastitis-Associated Klebsiella pneumoniae in Dairy Cows. Journal of Dairy Science, 2007, 90, 3681-3689.	3.4	34
136	Aptamer-Mediated Magnetic and Gold-Coated Magnetic Nanoparticles as Detection Assay for Prion Protein Assessment. Biotechnology Progress, 2007, 23, 0-0.	2.6	34
137	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
138	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
139	Current understanding of the genetic diversity of Mycobacterium avium subsp. paratuberculosis. Microbes and Infection, 2006, 8, 1406-1418.	1.9	56
140	Development of a sensitive detection system for Cryptosporidium in environmental samples. Veterinary Parasitology, 2006, 136, 201-213.	1.8	24
141	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
142	Cytokine responses of bovine macrophages to diverse clinical Mycobacterium avium subspecies paratuberculosis strains. BMC Microbiology, 2006, 6, 10.	3.3	62
143	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
144	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

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145	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
146	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
147	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
148	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
149	HumanEscherichia coliO157:H7 Genetic Marker in Isolates of Bovine Origin. Emerging Infectious Diseases, 2004, 10, 1482-1485.	4.3	76
150	Molecular Epidemiology of Mycobacterium avium subsp. paratuberculosis Isolates Recovered from Wild Animal Species. Journal of Clinical Microbiology, 2004, 42, 1703-1712.	3.9	94
151	An overview of transmissible spongiform encephalopathies. Animal Health Research Reviews, 2004, 5, 103-124.	3.1	9
152	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
153	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
154	A review of the biology and epidemiology of cryptosporidiosis in humans and animals. Microbes and Infection, 2004, 6, 773-785.	1.9	145
155	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
156	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
157	Role ofMannheimia haemolyticaleukotoxin in the pathogenesis of bovine pneumonic pasteurellosis. Animal Health Research Reviews, 2002, 3, 69-82.	3.1	82
158	New disc-based technologies for diagnostic and research applications. Psychiatric Genetics, 2002, 12, 193-206.	1.1	32
159	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
160	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
161	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
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