Subramaniam Srikumaran

List of Publications by Year
in descending order

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47	1,030	430442	433756
papers	citations	18	31
		h-index	g-index

47	47	47	763
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immune evasion by pathogens of bovine respiratory disease complex. Animal Health Research Reviews, 2007, 8, 215-229.	1.4	95
2	Association of Mycoplasma ovipneumoniae Infection with Population-Limiting Respiratory Disease in Free-Ranging Rocky Mountain Bighorn Sheep (Ovis canadensis canadensis). Journal of Clinical Microbiology, 2008, 46, 423-430.	1.8	88
3	The leukotoxin ofPasteurella haemolyticabinds to ÃŽÂ²2integrins on bovine leukocytes. FEMS Microbiology Letters, 1999, 179, 161-167.	0.7	72
4	Mycoplasma ovipneumoniae can predispose bighorn sheep to fatal Mannheimia haemolytica pneumonia. Veterinary Microbiology, 2010, 145, 354-359.	0.8	71
5	An Early Pseudorabies Virus Protein Down-Regulates Porcine MHC Class I Expression by Inhibition of Transporter Associated with Antigen Processing (TAP). Journal of Immunology, 2000, 164, 93-99.	0.4	56
6	Viral interference with MHC class I antigen presentation pathway: The battle continues. Veterinary Immunology and Immunopathology, 2005, 107, 1-15.	0.5	55
7	Mannheimia haemolytica serotype A1 exhibits differential pathogenicity in two related species, Ovis canadensis and Ovis aries. Veterinary Microbiology, 2009, 133, 366-371.	0.8	53
8	Bibersteinia trehalosiInhibits the Growth ofMannheimia haemolyticaby a Proximity-Dependent Mechanism. Applied and Environmental Microbiology, 2010, 76, 1008-1013.	1.4	42
9	Epizootic Pneumonia of Bighorn Sheep following Experimental Exposure to Mycoplasma ovipneumoniae. PLoS ONE, 2014, 9, e110039.	1.1	41
10	TRANSMISSION OF MANNHEIMIA HAEMOLYTICA FROM DOMESTIC SHEEP (OVIS ARIES) TO BIGHORN SHEEP (OVIS CANADENSIS): UNEQUIVOCAL DEMONSTRATION WITH GREEN FLUORESCENT PROTEIN-TAGGED ORGANISMS. Journal of Wildlife Diseases, 2010, 46, 706-717.	0.3	36
11	Precise gene editing paves the way for derivation of Mannheimia haemolytica leukotoxin-resistant cattle. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13186-13190.	3.3	36
12	Monomeric Expression of Bovine Î²₂-Integrin Subunits Reveals Their Role inMannheimia haemolyticaLeukotoxin-Induced Biological Effects. Infection and Immunity, 2007, 75, 5004-5010.	1.0	35
13	Intact signal peptide of CD18, the Î²-subunit of Î² ₂ -integrins, renders ruminants susceptible to Mannheimia haemolytica leukotoxin. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15448-15453.	3.3	34
14	PCR ASSAY DETECTSMANNHEIMIA HAEMOLYTICAIN CULTURE-NEGATIVE PNEUMONIC LUNG TISSUES OF BIGHORN SHEEP (OVIS CANADENSIS) FROM OUTBREAKS IN THE WESTERN USA, 2009â€“2010. Journal of Wildlife Diseases, 2014, 50, 1-10.	0.3	34
15	Role of Bibersteinia trehalosi, respiratory syncytial virus, and parainfluenza-3 virus in bighorn sheep pneumonia. Veterinary Microbiology, 2013, 162, 166-172.	0.8	29
16	Mannheimia haemolytica leukotoxin-induced cytolysis of ovine (Ovis aries) leukocytes is mediated by CD18, the Î² subunit of Î²2-integrins. Microbial Pathogenesis, 2007, 42, 167-173.	1.3	25
17	A Multivalent Mannheimia-Bibersteinia Vaccine Protects Bighorn Sheep against Mannheimia haemolytica Challenge. Vaccine Journal, 2011, 18, 1689-1694.	3.2	21
18	Proximity-Dependent Inhibition of Growth of Mannheimia haemolytica by Pasteurella multocida. Applied and Environmental Microbiology, 2012, 78, 6683-6688.	1.4	21

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19	Î²2 integrin Mac-1 is a receptor for Mannheimia haemolytica leukotoxin on bovine and ovine leukocytes. Veterinary Immunology and Immunopathology, 2008, 122, 285-294.	0.5	18
20	Differential Expression of Interleukin-8 by Polymorphonuclear Leukocytes of Two Closely Related Species, Ovis canadensis and Ovis aries , in Response to Mannheimia haemolytica Infection. Infection and Immunity, 2010, 78, 3578-3584.	1.0	13
21	Comparison of Passively Transferred Antibodies in Bighorn and Domestic Lambs Reveals One Factor in Differential Susceptibility of These Species to Mannheimia haemolytica-Induced Pneumonia. Vaccine Journal, 2011, 18, 1133-1138.	3.2	13
22	MANNHEIMIA (PASTEURELLA) HAEMOLYTICA LEUKOTOXIN UTILIZES CD18 AS ITS RECEPTOR ON BIGHORN SHEEP LEUKOCYTES. Journal of Wildlife Diseases, 2007, 43, 75-81.	0.3	12
23	Transfection of non-susceptible cells with Ovis aries recombinant lymphocyte function-associated antigen 1 renders susceptibility to Mannheimia haemolytica leukotoxin. Veterinary Microbiology, 2007, 125, 91-99.	0.8	12
24	Leukotoxin of Bibersteinia trehalosi Contains a Unique Neutralizing Epitope, and a Non-Neutralizing Epitope Shared with Mannheimia haemolytica Leukotoxin. Toxins, 2018, 10, 220.	1.5	12
25	Cloning and comparison of bighorn sheep CD18 with that of domestic sheep, goats, cattle, humans and mice. Veterinary Immunology and Immunopathology, 2006, 110, 11-16.	0.5	10
26	Sequence diversity, cytotoxicity and antigenic similarities of the leukotoxin of isolates of Mannheimia species from mastitis in domestic sheep. Veterinary Microbiology, 2014, 174, 172-179.	0.8	10
27	Bighorn Sheep Î²₂-Integrin LFA-1 Serves as a Receptor for Mannheimia haemolytica Leukotoxin. Journal of Wildlife Diseases, 2008, 44, 743-747.	0.3	9
28	Concordance in diagnostic testing for respiratory pathogens of bighorn sheep. Wildlife Society Bulletin, 2016, 40, 634-642.	1.6	9
29	A chimeric protein comprising the immunogenic domains of Mannheimia haemolytica leukotoxin and outer membrane protein PlpE induces antibodies against leukotoxin and PlpE. Veterinary Immunology and Immunopathology, 2016, 175, 36-41.	0.5	9
30	Defective bacterial clearance is responsible for the enhanced lung pathology characteristic of Mannheimia haemolytica pneumonia in bighorn sheep. Veterinary Microbiology, 2011, 153, 332-338.	0.8	8
31	Fusobacterium necrophorum in North American Bighorn Sheep (Ovis canadensis) Pneumonia. Journal of Wildlife Diseases, 2016, 52, 616-620.	0.3	8
32	Immunization of bighorn sheep against Mannheimia haemolytica with a bovine herpesvirus 1-vectored vaccine. Vaccine, 2017, 35, 1630-1636.	1.7	8
33	MHC class II DR allelic diversity in bighorn sheep. Gene, 2012, 506, 217-222.	1.0	4
34	Growth of Mannheimia haemolytica: Inhibitory agents and putative mechanism of inhibition. Veterinary Microbiology, 2014, 174, 155-162.	0.8	4
35	Acylation Enhances, but Is Not Required for, the Cytotoxic Activity of Mannheimia haemolytica Leukotoxin in Bighorn Sheep. Infection and Immunity, 2015, 83, 3982-3988.	1.0	4
36	Role of carriers in the transmission of pneumonia in bighorn sheep (Ovis canadensis). Biology Open, 2016, 5, 745-755.	0.6	4

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37	Molecular cloning and characterization of cDNA encoding CD11b of cattle. Veterinary Immunology and Immunopathology, 2006, 110, 349-355.	0.5	3
38	Molecular cloning, characterization and in vitro expression of SERPIN B1 of bighorn sheep (Ovis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Immunology and Immunopathology, 2010, 137, 327-331.	0.5	3
39	Effect of vaccination against pneumonia on the survival of bighorn sheep (Ovis canadensis) commingled with carrier animals. Veterinary Microbiology, 2017, 203, 56-61.	0.8	3
40	CD11b of Ovis canadensis and Ovis aries: Molecular cloning and characterization. Veterinary Immunology and Immunopathology, 2007, 119, 287-298.	0.5	2
41	Co-expression of ovine LPS receptor CD14 with Mannheimia haemolytica leukotoxin receptor LFA-1 or Mac-1 does not enhance leukotoxin-induced cytotoxicity. Veterinary Immunology and Immunopathology, 2011, 141, 84-91.	0.5	2
42	Genome Sequence of Bibersteinia trehalosi Strain Y31 Isolated from the Pneumonic Lung of a Bighorn Sheep. Genome Announcements, 2016, 4, .	0.8	2
43	Î²-Hemolysis May Not Be a Reliable Indicator of Leukotoxicity of Mannheimia haemolytica Isolates. Toxins, 2018, 10, 173.	1.5	2
44	Molecular cloning of interleukin-1Î², interleukin-8, and tumor necrosis factor-Î± of bighorn sheep (Ovis) Tj ETQq0 0 0 rgBT /Overlock 10 T Immunopathology, 2010, 138, 139-143.	0.5	1
45	Differential Susceptibility of Bighorn Sheep (Ovis canadensis) and Domestic Sheep (Ovis) Tj ETQq1 1 0.784314 rgBT /Overl Expression of Cell Surface CD18. Journal of Wildlife Diseases, 2017, 53, 625-629.	0.3	1
46	Molecular cloning of CD18 of bison, deer and elk, and comparison with that of other ruminants and non-ruminants. Veterinary Immunology and Immunopathology, 2010, 136, 163-169.	0.5	0
47	Leukotoxins. Toxins, 2020, 12, 231.	1.5	0