

# Subramaniam Srikumaran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6618469/publications.pdf>

Version: 2024-02-01

47  
papers

1,030  
citations

430442

18  
h-index

433756

31  
g-index

47  
all docs

47  
docs citations

47  
times ranked

763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leukotoxins. <i>Toxins</i> , 2020, 12, 231.	1.5	0
2	Î <sup>2</sup> -Hemolysis May Not Be a Reliable Indicator of Leukotoxicity of Mannheimia haemolytica Isolates. <i>Toxins</i> , 2018, 10, 173.	1.5	2
3	Leukotoxin of Bibersteinia trehalosi Contains a Unique Neutralizing Epitope, and a Non-Neutralizing Epitope Shared with Mannheimia haemolytica Leukotoxin. <i>Toxins</i> , 2018, 10, 220.	1.5	12
4	Immunization of bighorn sheep against Mannheimia haemolytica with a bovine herpesvirus 1-vectored vaccine. <i>Vaccine</i> , 2017, 35, 1630-1636.	1.7	8
5	Effect of vaccination against pneumonia on the survival of bighorn sheep ( <i>Ovis canadensis</i> ) commingled with carrier animals. <i>Veterinary Microbiology</i> , 2017, 203, 56-61.	0.8	3
6	Differential Susceptibility of Bighorn Sheep ( <i>Ovis canadensis</i> ) and Domestic Sheep ( <i>Ovis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Expression of Cell Surface CD18. <i>Journal of Wildlife Diseases</i> , 2017, 53, 625-629.	0.3	1
7	<i>Fusobacterium necrophorum</i> in North American Bighorn Sheep ( <i>Ovis canadensis</i> ) Pneumonia. <i>Journal of Wildlife Diseases</i> , 2016, 52, 616-620.	0.3	8
8	Concordance in diagnostic testing for respiratory pathogens of bighorn sheep. <i>Wildlife Society Bulletin</i> , 2016, 40, 634-642.	1.6	9
9	A chimeric protein comprising the immunogenic domains of Mannheimia haemolytica leukotoxin and outer membrane protein PlpE induces antibodies against leukotoxin and PlpE. <i>Veterinary Immunology and Immunopathology</i> , 2016, 175, 36-41.	0.5	9
10	Precise gene editing paves the way for derivation of <i>Mannheimia haemolytica</i> leukotoxin-resistant cattle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13186-13190.	3.3	36
11	Genome Sequence of <i>Bibersteinia trehalosi</i> Strain Y31 Isolated from the Pneumonic Lung of a Bighorn Sheep. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
12	Role of carriers in the transmission of pneumonia in bighorn sheep ( <i>Ovis canadensis</i> ). <i>Biology Open</i> , 2016, 5, 745-755.	0.6	4
13	Acylation Enhances, but Is Not Required for, the Cytotoxic Activity of Mannheimia haemolytica Leukotoxin in Bighorn Sheep. <i>Infection and Immunity</i> , 2015, 83, 3982-3988.	1.0	4
14	PCR ASSAY DETECTS <i>MANNHEIMIA HAEMOLYTICA</i> IN CULTURE-NEGATIVE PNEUMONIC LUNG TISSUES OF BIGHORN SHEEP ( <i>OVIS CANADENSIS</i> ) FROM OUTBREAKS IN THE WESTERN USA, 2009â€“2010. <i>Journal of Wildlife Diseases</i> , 2014, 50, 1-10.	0.3	34
15	Growth of Mannheimia haemolytica: Inhibitory agents and putative mechanism of inhibition. <i>Veterinary Microbiology</i> , 2014, 174, 155-162.	0.8	4
16	Sequence diversity, cytotoxicity and antigenic similarities of the leukotoxin of isolates of Mannheimia species from mastitis in domestic sheep. <i>Veterinary Microbiology</i> , 2014, 174, 172-179.	0.8	10
17	Epizootic Pneumonia of Bighorn Sheep following Experimental Exposure to Mycoplasma ovipneumoniae. <i>PLoS ONE</i> , 2014, 9, e110039.	1.1	41
18	Role of Bibersteinia trehalosi, respiratory syncytial virus, and parainfluenza-3 virus in bighorn sheep pneumonia. <i>Veterinary Microbiology</i> , 2013, 162, 166-172.	0.8	29

#	ARTICLE	IF	CITATIONS
19	Proximity-Dependent Inhibition of Growth of <i>Mannheimia haemolytica</i> by <i>Pasteurella multocida</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 6683-6688.	1.4	21
20	MHC class II DR allelic diversity in bighorn sheep. <i>Gene</i> , 2012, 506, 217-222.	1.0	4
21	Co-expression of ovine LPS receptor CD14 with <i>Mannheimia haemolytica</i> leukotoxin receptor LFA-1 or Mac-1 does not enhance leukotoxin-induced cytotoxicity. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 84-91.	0.5	2
22	Defective bacterial clearance is responsible for the enhanced lung pathology characteristic of <i>Mannheimia haemolytica</i> pneumonia in bighorn sheep. <i>Veterinary Microbiology</i> , 2011, 153, 332-338.	0.8	8
23	Comparison of Passively Transferred Antibodies in Bighorn and Domestic Lambs Reveals One Factor in Differential Susceptibility of These Species to <i>Mannheimia haemolytica</i> -Induced Pneumonia. <i>Vaccine Journal</i> , 2011, 18, 1133-1138.	3.2	13
24	A Multivalent <i>Mannheimia</i> - <i>Bibersteinia</i> Vaccine Protects Bighorn Sheep against <i>Mannheimia haemolytica</i> Challenge. <i>Vaccine Journal</i> , 2011, 18, 1689-1694.	3.2	21
25	<i>Mycoplasma ovipneumoniae</i> can predispose bighorn sheep to fatal <i>Mannheimia haemolytica</i> pneumonia. <i>Veterinary Microbiology</i> , 2010, 145, 354-359.	0.8	71
26	<i>Bibersteinia trehalosi</i> Inhibits the Growth of <i>Mannheimia haemolytica</i> by a Proximity-Dependent Mechanism. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1008-1013.	1.4	42
27	Differential Expression of Interleukin-8 by Polymorphonuclear Leukocytes of Two Closely Related Species, <i>Ovis canadensis</i> and <i>Ovis aries</i> , in Response to <i>Mannheimia haemolytica</i> Infection. <i>Infection and Immunity</i> , 2010, 78, 3578-3584.	1.0	13
28	TRANSMISSION OF MANNHEIMIA HAEMOLYTICA FROM DOMESTIC SHEEP ( <i>OVIS ARIES</i> ) TO BIGHORN SHEEP ( <i>OVIS CANADENSIS</i> ): UNEQUIVOCAL DEMONSTRATION WITH GREEN FLUORESCENT PROTEIN-TAGGED ORGANISMS. <i>Journal of Wildlife Diseases</i> , 2010, 46, 706-717.	0.3	36
29	Molecular cloning of CD18 of bison, deer and elk, and comparison with that of other ruminants and non-ruminants. <i>Veterinary Immunology and Immunopathology</i> , 2010, 136, 163-169.	0.5	0
30	Molecular cloning, characterization and in vitro expression of SERPIN B1 of bighorn sheep ( <i>Ovis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 <i>Immunology and Immunopathology</i> , 2010, 137, 327-331.	0.5	3
31	Molecular cloning of interleukin-1 $\beta$ , interleukin-8, and tumor necrosis factor- $\alpha$ of bighorn sheep ( <i>Ovis</i> ) Tj ETQq1 1 0.784314 rgBT /Ov <i>Immunopathology</i> , 2010, 138, 139-143.	0.5	1
32	Intact signal peptide of CD18, the $\beta$ -subunit of $\beta$ 2-integrins, renders ruminants susceptible to <i>Mannheimia haemolytica</i> leukotoxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15448-15453.	3.3	34
33	<i>Mannheimia haemolytica</i> serotype A1 exhibits differential pathogenicity in two related species, <i>Ovis canadensis</i> and <i>Ovis aries</i> . <i>Veterinary Microbiology</i> , 2009, 133, 366-371.	0.8	53
34	$\beta$ 2 integrin Mac-1 is a receptor for <i>Mannheimia haemolytica</i> leukotoxin on bovine and ovine leukocytes. <i>Veterinary Immunology and Immunopathology</i> , 2008, 122, 285-294.	0.5	18
35	Association of <i>Mycoplasma ovipneumoniae</i> Infection with Population-Limiting Respiratory Disease in Free-Ranging Rocky Mountain Bighorn Sheep ( <i>Ovis canadensis canadensis</i> ). <i>Journal of Clinical Microbiology</i> , 2008, 46, 423-430.	1.8	88
36	Bighorn Sheep $\beta$ 2-Integrin LFA-1 Serves as a Receptor for <i>Mannheimia haemolytica</i> Leukotoxin. <i>Journal of Wildlife Diseases</i> , 2008, 44, 743-747.	0.3	9

#	ARTICLE	IF	CITATIONS
37	MANNHEIMIA (PASTEURELLA) HAEMOLYTICA LEUKOTOXIN UTILIZES CD18 AS ITS RECEPTOR ON BIGHORN SHEEP LEUKOCYTES. <i>Journal of Wildlife Diseases</i> , 2007, 43, 75-81.	0.3	12
38	Monomeric Expression of Bovine $\beta_2$ -Integrin Subunits Reveals Their Role in <i>Mannheimia haemolytica</i> Leukotoxin-Induced Biological Effects. <i>Infection and Immunity</i> , 2007, 75, 5004-5010.	1.0	35
39	Immune evasion by pathogens of bovine respiratory disease complex. <i>Animal Health Research Reviews</i> , 2007, 8, 215-229.	1.4	95
40	CD11b of <i>Ovis canadensis</i> and <i>Ovis aries</i> : Molecular cloning and characterization. <i>Veterinary Immunology and Immunopathology</i> , 2007, 119, 287-298.	0.5	2
41	<i>Mannheimia haemolytica</i> leukotoxin-induced cytolysis of ovine ( <i>Ovis aries</i> ) leukocytes is mediated by CD18, the $\beta_2$ subunit of $\beta_2$ -integrins. <i>Microbial Pathogenesis</i> , 2007, 42, 167-173.	1.3	25
42	Transfection of non-susceptible cells with <i>Ovis aries</i> recombinant lymphocyte function-associated antigen 1 renders susceptibility to <i>Mannheimia haemolytica</i> leukotoxin. <i>Veterinary Microbiology</i> , 2007, 125, 91-99.	0.8	12
43	Cloning and comparison of bighorn sheep CD18 with that of domestic sheep, goats, cattle, humans and mice. <i>Veterinary Immunology and Immunopathology</i> , 2006, 110, 11-16.	0.5	10
44	Molecular cloning and characterization of cDNA encoding CD11b of cattle. <i>Veterinary Immunology and Immunopathology</i> , 2006, 110, 349-355.	0.5	3
45	Viral interference with MHC class I antigen presentation pathway: The battle continues. <i>Veterinary Immunology and Immunopathology</i> , 2005, 107, 1-15.	0.5	55
46	An Early Pseudorabies Virus Protein Down-Regulates Porcine MHC Class I Expression by Inhibition of Transporter Associated with Antigen Processing (TAP). <i>Journal of Immunology</i> , 2000, 164, 93-99.	0.4	56
47	The leukotoxin of <i>Pasteurella haemolytica</i> binds to $\beta_2$ -integrins on bovine leukocytes. <i>FEMS Microbiology Letters</i> , 1999, 179, 161-167.	0.7	72