

Eric R Lafontaine

List of Publications by Year in descending order

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47
papers

1,767
citations

331670

21
h-index

276875

41
g-index

48
all docs

48
docs citations

48
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	The UspA1 Protein and a Second Type of UspA2 Protein Mediate Adherence of <i>Moraxella catarrhalis</i> to Human Epithelial Cells In Vitro. <i>Journal of Bacteriology</i> , 2000, 182, 1364-1373.	2.2	164
2	Phenotypic Effect of Isogenic <i>uspA1</i> and <i>uspA2</i> Mutations on <i>Moraxella catarrhalis</i> O35E. <i>Infection and Immunity</i> , 1998, 66, 3113-3119.	2.2	149
3	Treatment of influenza and SARS-CoV-2 infections via mRNA-encoded Cas13a in rodents. <i>Nature Biotechnology</i> , 2021, 39, 717-726.	17.5	130
4	Characterization of the <i>Moraxella catarrhalis uspA1</i> and <i>uspA2</i> Genes and Their Encoded Products. <i>Journal of Bacteriology</i> , 1999, 181, 4026-4034.	2.2	102
5	Identification of a <i>Moraxella catarrhalis</i> Outer Membrane Protein Exhibiting Both Adhesin and Lipolytic Activities. <i>Infection and Immunity</i> , 2003, 71, 4341-4350.	2.2	93
6	A hag Mutant of <i>Moraxella catarrhalis</i> Strain O35E Is Deficient in Hemagglutination, Autoagglutination, and Immunoglobulin D-Binding Activities. <i>Infection and Immunity</i> , 2002, 70, 4523-4533.	2.2	85
7	The <i>Moraxella catarrhalis</i> Porin-Like Outer Membrane Protein CD Is an Adhesin for Human Lung Cells. <i>Infection and Immunity</i> , 2004, 72, 1906-1913.	2.2	79
8	Expression of the <i>Moraxella catarrhalis</i> UspA1 Protein Undergoes Phase Variation and Is Regulated at the Transcriptional Level. <i>Journal of Bacteriology</i> , 2001, 183, 1540-1551.	2.2	72
9	The Hag Protein of <i>Moraxella catarrhalis</i> Strain O35E Is Associated with Adherence to Human Lung and Middle Ear Cells. <i>Infection and Immunity</i> , 2003, 71, 4977-4984.	2.2	64
10	The UspA2 Protein of <i>Moraxella catarrhalis</i> Is Directly Involved in the Expression of Serum Resistance. <i>Infection and Immunity</i> , 2005, 73, 2400-2410.	2.2	58
11	<i>Moraxella catarrhalis</i> Strain O35E Expresses Two Filamentous Hemagglutinin-Like Proteins That Mediate Adherence to Human Epithelial Cells. <i>Infection and Immunity</i> , 2007, 75, 2765-2775.	2.2	55
12	The <i>Moraxella catarrhalis</i> Autotransporter McaP Is a Conserved Surface Protein That Mediates Adherence to Human Epithelial Cells through Its N-Terminal Passenger Domain. <i>Infection and Immunity</i> , 2007, 75, 314-324.	2.2	55
13	Identification of <i>Burkholderia mallei</i> and <i>Burkholderia pseudomallei</i> adhesins for human respiratory epithelial cells. <i>BMC Microbiology</i> , 2010, 10, 250.	3.3	55
14	Identification of a <i>Francisella tularensis</i> LVS outer membrane protein that confers adherence to A549 human lung cells. <i>FEMS Microbiology Letters</i> , 2006, 263, 102-108.	1.8	52
15	Hag Directly Mediates the Adherence of <i>Moraxella catarrhalis</i> to Human Middle Ear Cells. <i>Infection and Immunity</i> , 2005, 73, 5127-5136.	2.2	47
16	<i>Moraxella catarrhalis</i> Coaggregates with <i>Streptococcus pyogenes</i> and Modulates Interactions of <i>S. pyogenes</i> with Human Epithelial Cells. <i>Infection and Immunity</i> , 2004, 72, 6689-6693.	2.2	39
17	Hag Mediates Adherence of <i>Moraxella catarrhalis</i> to Ciliated Human Airway Cells. <i>Infection and Immunity</i> , 2009, 77, 4597-4608.	2.2	35
18	Delineating the Importance of Serum Opsonins and the Bacterial Capsule in Affecting the Uptake and Killing of <i>Burkholderia pseudomallei</i> by Murine Neutrophils and Macrophages. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2988.	3.0	30

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19	Use of a Safe, Reproducible, and Rapid Aerosol Delivery Method to Study Infection by <i>Burkholderia pseudomallei</i> and <i>Burkholderia mallei</i> in Mice. <i>PLoS ONE</i> , 2013, 8, e76804.	2.5	28
20	Regions important for the adhesin activity of <i>Moraxella catarrhalis</i> Hag. <i>BMC Microbiology</i> , 2007, 7, 65.	3.3	27
21	Melioidosis and glanders modulation of the innate immune system: barriers to current and future vaccine approaches. <i>Expert Review of Vaccines</i> , 2016, 15, 1163-1181.	4.4	21
22	Hypothiocyanite produced by human and rat respiratory epithelial cells inactivates extracellular H1N2 influenza A virus. <i>Inflammation Research</i> , 2016, 65, 71-80.	4.0	21
23	RegA, Iron, and Growth Phase Regulate Expression of the <i>Pseudomonas aeruginosa</i> tol-oprL Gene Cluster. <i>Journal of Bacteriology</i> , 2000, 182, 2077-2087.	2.2	20
24	Temporal development of the humoral immune response to surface antigens of <i>Moraxella catarrhalis</i> in young infants. <i>Vaccine</i> , 2011, 29, 5603-5610.	3.8	20
25	Characterization of an autotransporter adhesin protein shared by <i>Burkholderia mallei</i> and <i>Burkholderia pseudomallei</i> . <i>BMC Microbiology</i> , 2014, 14, 92.	3.3	20
26	Identification of Domains of the Hag/MID Surface Protein Recognized by Systemic and Mucosal Antibodies in Adults with Chronic Obstructive Pulmonary Disease following Clearance of <i>Moraxella catarrhalis</i> . <i>Vaccine Journal</i> , 2009, 16, 653-659.	3.1	19
27	The <i>Moraxella catarrhalis</i> outer membrane protein CD contains two distinct domains specifying adherence to human lung cells. <i>FEMS Microbiology Letters</i> , 2007, 271, 12-19.	1.8	18
28	Serum antibody response to <i>Moraxella catarrhalis</i> proteins OMP CD, OppA, Msp22, Hag, and PilA2 after nasopharyngeal colonization and acute otitis media in children. <i>Vaccine</i> , 2015, 33, 5809-5814.	3.8	18
29	Effects of Iron and Temperature on Expression of the <i>Pseudomonas aeruginosa</i> tolQRA Genes: Role of the Ferric Uptake Regulator. <i>Journal of Bacteriology</i> , 1998, 180, 2836-2841.	2.2	18
30	Antibodies against In Vivo -Expressed Antigens Are Sufficient To Protect against Lethal Aerosol Infection with <i>Burkholderia mallei</i> and <i>Burkholderia pseudomallei</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	17
31	The autotransporter protein BatA is a protective antigen against lethal aerosol infection with <i>Burkholderia mallei</i> and <i>Burkholderia pseudomallei</i> . <i>Vaccine: X</i> , 2019, 1, 100002.	2.1	15
32	Use of the Chinchilla Model to Evaluate the Vaccinogenic Potential of the <i>Moraxella catarrhalis</i> Filamentous Hemagglutinin-like Proteins MhaB1 and MhaB2. <i>PLoS ONE</i> , 2013, 8, e67881.	2.5	15
33	Persistence of <i>Moraxella catarrhalis</i> in Chronic Obstructive Pulmonary Disease and Regulation of the Hag/MID Adhesin. <i>Journal of Infectious Diseases</i> , 2019, 219, 1448-1455.	4.0	14
34	Comparative Analysis of the Humoral Immune Response to <i>Moraxella catarrhalis</i> and <i>Streptococcus pneumoniae</i> Surface Antigens in Children Suffering from Recurrent Acute Otitis Media and Chronic Otitis Media with Effusion. <i>Vaccine Journal</i> , 2012, 19, 914-918.	3.1	13
35	Identification of a <i>Moraxella catarrhalis</i> gene that confers adherence to various human epithelial cell lines in vitro. <i>FEMS Microbiology Letters</i> , 2007, 267, 207-213.	1.8	12
36	Use of the Common Marmoset to Study <i>Burkholderia mallei</i> Infection. <i>PLoS ONE</i> , 2015, 10, e0124181.	2.5	12

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37	Serum antibody response to <i>Moraxella catarrhalis</i> proteins in stringently defined otitis prone children. <i>Vaccine</i> , 2019, 37, 4637-4645.	3.8	11
38	Stringently Defined Otitis Prone Children Demonstrate Deficient Naturally Induced Mucosal Antibody Response to <i>Moraxella catarrhalis</i> Proteins. <i>Frontiers in Immunology</i> , 2017, 8, 953.	4.8	10
39	The Autotransporter BpaB Contributes to the Virulence of <i>Burkholderia mallei</i> in an Aerosol Model of Infection. <i>PLoS ONE</i> , 2015, 10, e0126437.	2.5	10
40	<i>Moraxella catarrhalis</i> Expresses a Cardiolipin Synthase That Impacts Adherence to Human Epithelial Cells. <i>Journal of Bacteriology</i> , 2014, 196, 107-120.	2.2	9
41	Transcriptome analysis of human monocytic cells infected with <i>Burkholderia</i> species and exploration of pentraxin-3 as part of the innate immune response against the organisms. <i>BMC Medical Genomics</i> , 2019, 12, 127.	1.5	9
42	<i>Moraxella catarrhalis</i> uses a twin-arginine translocation system to secrete the β -lactamase BRO-2. <i>BMC Microbiology</i> , 2013, 13, 140.	3.3	8
43	The Peptidoglycan-associated lipoprotein Pal contributes to the virulence of <i>Burkholderia mallei</i> and provides protection against lethal aerosol challenge. <i>Virulence</i> , 2020, 11, 1024-1040.	4.4	8
44	Antibodies Are Major Drivers of Protection against Lethal Aerosol Infection with Highly Pathogenic <i>Burkholderia</i> spp. <i>MSphere</i> , 2019, 4, .	2.9	7
45	Use of Immunohistochemistry to Demonstrate In Vivo Expression of the <i>Burkholderia mallei</i> Virulence Factor BpaB During Experimental Glanders. <i>Veterinary Pathology</i> , 2018, 55, 258-267.	1.7	1
46	Laboratory Maintenance of <i>Moraxella catarrhalis</i> . <i>Current Protocols in Microbiology</i> , 2008, 11, Unit 6B.1.	6.5	0
47	Synchrony in serum antibody response to conserved proteins of <i>Moraxella catarrhalis</i> in young children. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 3194-3200.	3.3	0