

David K Meyerholz

List of Publications by Year in descending order

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Version: 2024-02-01

268
papers

20,275
citations

17429

63
h-index

13365

130
g-index

282
all docs

282
docs citations

282
times ranked

31245
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysregulated Type I Interferon and Inflammatory Monocyte-Macrophage Responses Cause Lethal Pneumonia in SARS-CoV-Infected Mice. <i>Cell Host and Microbe</i> , 2016, 19, 181-193.	5.1	1,284
2	Severe Acute Respiratory Syndrome Coronavirus Infection Causes Neuronal Death in the Absence of Encephalitis in Mice Transgenic for Human ACE2. <i>Journal of Virology</i> , 2008, 82, 7264-7275.	1.5	1,101
3	Lethal Infection of K18- hACE2 Mice Infected with Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2007, 81, 813-821.	1.5	904
4	Sex-Based Differences in Susceptibility to Severe Acute Respiratory Syndrome Coronavirus Infection. <i>Journal of Immunology</i> , 2017, 198, 4046-4053.	0.4	718
5	Disruption of the <i>CFTR</i> Gene Produces a Model of Cystic Fibrosis in Newborn Pigs. <i>Science</i> , 2008, 321, 1837-1841.	6.0	686
6	Systemic administration of optimized aptamer-siRNA chimeras promotes regression of PSMA-expressing tumors. <i>Nature Biotechnology</i> , 2009, 27, 839-846.	9.4	536
7	Origins of Cystic Fibrosis Lung Disease. <i>New England Journal of Medicine</i> , 2015, 372, 351-362.	13.9	523
8	Principles for Valid Histopathologic Scoring in Research. <i>Veterinary Pathology</i> , 2013, 50, 1007-1015.	0.8	522
9	Airway Memory CD4 + T Cells Mediate Protective Immunity against Emerging Respiratory Coronaviruses. <i>Immunity</i> , 2016, 44, 1379-1391.	6.6	468
10	IFN-I response timing relative to virus replication determines MERS coronavirus infection outcomes. <i>Journal of Clinical Investigation</i> , 2019, 129, 3625-3639.	3.9	460
11	Cystic Fibrosis Pigs Develop Lung Disease and Exhibit Defective Bacterial Eradication at Birth. <i>Science Translational Medicine</i> , 2010, 2, 29ra31.	5.8	416
12	Virus-Specific Memory CD8 T Cells Provide Substantial Protection from Lethal Severe Acute Respiratory Syndrome Coronavirus Infection. <i>Journal of Virology</i> , 2014, 88, 11034-11044.	1.5	407
13	Generation of a Broadly Useful Model for COVID-19 Pathogenesis, Vaccination, and Treatment. <i>Cell</i> , 2020, 182, 734-743.e5.	13.5	398
14	COVID-19 treatments and pathogenesis including anosmia in K18-hACE2 mice. <i>Nature</i> , 2021, 589, 603-607.	13.7	394
15	Middle East Respiratory Syndrome Coronavirus Causes Multiple Organ Damage and Lethal Disease in Mice Transgenic for Human Dipeptidyl Peptidase 4. <i>Journal of Infectious Diseases</i> , 2016, 213, 712-722.	1.9	375
16	T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for Zaire Ebolavirus and Lake Victoria Marburgvirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8426-8431.	3.3	330
17	Disease phenotype of a ferret CFTR-knockout model of cystic fibrosis. <i>Journal of Clinical Investigation</i> , 2010, 120, 3149-3160.	3.9	310
18	Broad-Spectrum <i>In Vitro</i> Activity and <i>In Vivo</i> Efficacy of the Antiviral Protein Griffithsin against Emerging Viruses of the Family <i>Coronaviridae</i> . <i>Journal of Virology</i> , 2010, 84, 2511-2521.	1.5	266

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19	Airway acidification initiates host defense abnormalities in cystic fibrosis mice. <i>Science</i> , 2016, 351, 503-507.	6.0	254
20	Foxp3+ CD4 Regulatory T Cells Limit Pulmonary Immunopathology by Modulating the CD8 T Cell Response during Respiratory Syncytial Virus Infection. <i>Journal of Immunology</i> , 2010, 185, 2382-2392.	0.4	218
21	The porcine lung as a potential model for cystic fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L240-L263.	1.3	206
22	The Conserved Coronavirus Macrodomain Promotes Virulence and Suppresses the Innate Immune Response during Severe Acute Respiratory Syndrome Coronavirus Infection. <i>MBio</i> , 2016, 7, .	1.8	198
23	3C-like protease inhibitors block coronavirus replication in vitro and improve survival in MERS-CoVâ€infecte mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	187
24	Loss of Cystic Fibrosis Transmembrane Conductance Regulator Function Produces Abnormalities in Tracheal Development in Neonatal Pigs and Young Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 1251-1261.	2.5	185
25	The F508 Mutation Causes CFTR Misprocessing and Cystic Fibrosisâ€Like Disease in Pigs. <i>Science Translational Medicine</i> , 2011, 3, 74ra24.	5.8	178
26	The TCF-1 and LEF-1 Transcription Factors Have Cooperative and Opposing Roles in T Cell Development and Malignancy. <i>Immunity</i> , 2012, 37, 813-826.	6.6	173
27	Principles and approaches for reproducible scoring of tissue stains in research. <i>Laboratory Investigation</i> , 2018, 98, 844-855.	1.7	161
28	Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract. <i>EBioMedicine</i> , 2020, 60, 102976.	2.7	153
29	Dipeptidyl Peptidase 4 Distribution in the Human Respiratory Tract. <i>American Journal of Pathology</i> , 2016, 186, 78-86.	1.9	148
30	Mouse-adapted MERS coronavirus causes lethal lung disease in human DPP4 knockin mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3119-E3128.	3.3	147
31	MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3144-3149.	3.3	142
32	The nsp3 Macrodomain Promotes Virulence in Mice with Coronavirus-Induced Encephalitis. <i>Journal of Virology</i> , 2015, 89, 1523-1536.	1.5	140
33	Microglia are required for protection against lethal coronavirus encephalitis in mice. <i>Journal of Clinical Investigation</i> , 2018, 128, 931-943.	3.9	137
34	Pathology of Gastrointestinal Organs in a Porcine Model of Cystic Fibrosis. <i>American Journal of Pathology</i> , 2010, 176, 1377-1389.	1.9	135
35	Gel-forming mucins form distinct morphologic structures in airways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6842-6847.	3.3	132
36	Transepithelial migration of neutrophils into the lung requires TREM-1. <i>Journal of Clinical Investigation</i> , 2013, 123, 138-149.	3.9	130

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37	RSV Vaccine-Enhanced Disease Is Orchestrated by the Combined Actions of Distinct CD4 T Cell Subsets. <i>PLoS Pathogens</i> , 2015, 11, e1004757.	2.1	129
38	Severe Acute Respiratory Syndrome Coronavirus 2â€“Induced Immune Activation and Death of Monocyte-Derived Human Macrophages and Dendritic Cells. <i>Journal of Infectious Diseases</i> , 2021, 223, 785-795.	1.9	127
39	Critical role of phospholipase A2 group IID in age-related susceptibility to severe acute respiratory syndromeâ€“CoV infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 1851-1868.	4.2	123
40	Origins of Cystic Fibrosis Lung Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1574-1575.	13.9	121
41	Abnormal endocrine pancreas function at birth in cystic fibrosis ferrets. <i>Journal of Clinical Investigation</i> , 2012, 122, 3755-3768.	3.9	115
42	Intestinal CFTR expression alleviates meconium ileus in cystic fibrosis pigs. <i>Journal of Clinical Investigation</i> , 2013, 123, 2685-2693.	3.9	109
43	Rhesus Theta-Defensin Prevents Death in a Mouse Model of Severe Acute Respiratory Syndrome Coronavirus Pulmonary Disease. <i>Journal of Virology</i> , 2009, 83, 11385-11390.	1.5	107
44	Lung Phenotype of Juvenile and Adult Cystic Fibrosis Transmembrane Conductance Regulatorâ€“Knockout Ferrets. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 502-512.	1.4	103
45	Multiple CD4+ T Cell Subsets Produce Immunomodulatory IL-10 During Respiratory Syncytial Virus Infection. <i>Journal of Immunology</i> , 2011, 187, 3145-3154.	0.4	100
46	Pancreatic pathophysiology in cystic fibrosis. <i>Journal of Pathology</i> , 2016, 238, 311-320.	2.1	96
47	Memory CD8 T cells mediate severe immunopathology following respiratory syncytial virus infection. <i>PLoS Pathogens</i> , 2018, 14, e1006810.	2.1	94
48	Comparison of Histochemical Methods for Murine Eosinophil Detection in an RSV Vaccine-enhanced Inflammation Model. <i>Toxicologic Pathology</i> , 2009, 37, 249-255.	0.9	92
49	Development and translational imaging of a TP53 porcine tumorigenesis model. <i>Journal of Clinical Investigation</i> , 2014, 124, 4052-4066.	3.9	92
50	Targeted Inhibition of Prostate Cancer Metastases with an RNA Aptamer to Prostate-specific Membrane Antigen. <i>Molecular Therapy</i> , 2014, 22, 1910-1922.	3.7	91
51	Noninvasive imaging of <i>Staphylococcus aureus</i> infections with a nuclease-activated probe. <i>Nature Medicine</i> , 2014, 20, 301-306.	15.2	91
52	Protective Effect of Intranasal Regimens Containing Peptidic Middle East Respiratory Syndrome Coronavirus Fusion Inhibitor Against MERS-CoV Infection. <i>Journal of Infectious Diseases</i> , 2015, 212, 1894-1903.	1.9	87
53	The TMPRSS2 Inhibitor Nafamostat Reduces SARS-CoV-2 Pulmonary Infection in Mouse Models of COVID-19. <i>MBio</i> , 2021, 12, e0097021.	1.8	87
54	Chronic Alcohol Consumption Increases the Severity of Murine Influenza Virus Infections. <i>Journal of Immunology</i> , 2008, 181, 641-648.	0.4	86

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55	Identification and Small Molecule Inhibition of an Activating Transcription Factor 4 (ATF4)-dependent Pathway to Age-related Skeletal Muscle Weakness and Atrophy. <i>Journal of Biological Chemistry</i> , 2015, 290, 25497-25511.	1.6	84
56	Engineered amphiphilic peptides enable delivery of proteins and CRISPR-associated nucleases to airway epithelia. <i>Nature Communications</i> , 2019, 10, 4906.	5.8	83
57	IL-13 Is Required for Eosinophil Entry into the Lung during Respiratory Syncytial Virus Vaccine-Enhanced Disease. <i>Journal of Immunology</i> , 2008, 180, 2376-2384.	0.4	82
58	Derivation of adult canine intestinal organoids for translational research in gastroenterology. <i>BMC Biology</i> , 2019, 17, 33.	1.7	82
59	Eicosanoid signalling blockade protects middle-aged mice from severe COVID-19. <i>Nature</i> , 2022, 605, 146-151.	13.7	82
60	Hyaluronan Modulation Impacts <i>Staphylococcus aureus</i> Biofilm Infection. <i>Infection and Immunity</i> , 2016, 84, 1917-1929.	1.0	75
61	Enhanced Surfactant Protein and Defensin mRNA Levels and Reduced Viral Replication during Parainfluenza Virus Type 3 Pneumonia in Neonatal Lambs. <i>Vaccine Journal</i> , 2004, 11, 599-607.	3.2	74
62	Cell of origin strongly influences genetic selection in a mouse model of T-ALL. <i>Blood</i> , 2011, 118, 4646-4656.	0.6	74
63	Cutting Edge: Mutation of <i>Francisella tularensis</i> <i>mviN</i> Leads to Increased Macrophage Absent in Melanoma 2 Inflammasome Activation and a Loss of Virulence. <i>Journal of Immunology</i> , 2010, 185, 2670-2674.	0.4	73
64	Lentiviral-mediated phenotypic correction of cystic fibrosis pigs. <i>JCI Insight</i> , 2016, 1, .	2.3	73
65	Tcf1 and Lef1 are required for the immunosuppressive function of regulatory T cells. <i>Journal of Experimental Medicine</i> , 2019, 216, 847-866.	4.2	72
66	Modulation of reactive oxygen species by Rac1 or catalase prevents asbestos-induced pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L846-L855.	1.3	71
67	Glycaemic regulation and insulin secretion are abnormal in cystic fibrosis pigs despite sparing of islet cell mass. <i>Clinical Science</i> , 2015, 128, 131-142.	1.8	64
68	Passive Immunotherapy with Dromedary Immune Serum in an Experimental Animal Model for Middle East Respiratory Syndrome Coronavirus Infection. <i>Journal of Virology</i> , 2015, 89, 6117-6120.	1.5	64
69	Gastrointestinal Pathology in Juvenile and Adult CFTR-Knockout Ferrets. <i>American Journal of Pathology</i> , 2014, 184, 1309-1322.	1.9	63
70	Sinus hypoplasia precedes sinus infection in a porcine model of cystic fibrosis. <i>Laryngoscope</i> , 2012, 122, 1898-1905.	1.1	61
71	Postinfection treatment with a protease inhibitor increases survival of mice with a fatal SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
72	Reduced clearance of respiratory syncytial virus infection in a preterm lamb model. <i>Microbes and Infection</i> , 2004, 6, 1312-1319.	1.0	60

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73	Collectins and Cationic Antimicrobial Peptides of the Respiratory Epithelia. <i>Veterinary Pathology</i> , 2006, 43, 595-612.	0.8	60
74	Air Trapping and Airflow Obstruction in Newborn Cystic Fibrosis Piglets. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1434-1441.	2.5	60
75	Protection of K18-hACE2 mice and ferrets against SARS-CoV-2 challenge by a single-dose mucosal immunization with a parainfluenza virus 5â€based COVID-19 vaccine. <i>Science Advances</i> , 2021, 7, .	4.7	60
76	Development of a porcine model of cystic fibrosis. <i>Transactions of the American Clinical and Climatological Association</i> , 2009, 120, 149-62.	0.9	60
77	The Novel Cytokine Interleukin-33 Activates Acinar Cell Proinflammatory Pathways and Induces Acute Pancreatic Inflammation in Mice. <i>PLoS ONE</i> , 2013, 8, e56866.	1.1	58
78	Cystic Fibrosis Transmembrane Conductance Regulator in Sarcoplasmic Reticulum of Airway Smooth Muscle. Implications for Airway Contractility. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 417-426.	2.5	58
79	Toll-Like Receptor 4 Deficiency Increases Disease and Mortality after Mouse Hepatitis Virus Type 1 Infection of Susceptible C3H Mice. <i>Journal of Virology</i> , 2009, 83, 8946-8956.	1.5	57
80	Insulin-like Growth Factorâ€1 Levels Contribute to the Development of Bacterial Translocation in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 517-525.	2.5	57
81	Pancreatic Damage in Fetal and Newborn Cystic Fibrosis Pigs Involves the Activation of Inflammatory and Remodeling Pathways. <i>American Journal of Pathology</i> , 2012, 181, 499-507.	1.9	56
82	Early Epithelial Invasion by <i>Salmonella enterica</i> Serovar Typhimurium DT104 in the Swine Ileum. <i>Veterinary Pathology</i> , 2002, 39, 712-720.	0.8	55
83	CaMKII Is Essential for the Proasthmatic Effects of Oxidation. <i>Science Translational Medicine</i> , 2013, 5, 195ra97.	5.8	54
84	Fundamental Concepts for Semiquantitative Tissue Scoring in Translational Research. <i>ILAR Journal</i> , 2018, 59, 13-17.	1.8	54
85	Microglia depletion exacerbates demyelination and impairs remyelination in a neurotropic coronavirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24464-24474.	3.3	54
86	Teaching Medical Pathology in the Twenty-First Century: Virtual Microscopy Applications. <i>Journal of Veterinary Medical Education</i> , 2007, 34, 431-436.	0.4	53
87	Obesity alters immune and metabolic profiles: New insight from obeseâ€resistant mice on highâ€fat diet. <i>Obesity</i> , 2016, 24, 2140-2149.	1.5	53
88	The Spl Serine Proteases Modulate <i>Staphylococcus aureus</i> Protein Production and Virulence in a Rabbit Model of Pneumonia. <i>MSphere</i> , 2016, 1, .	1.3	53
89	Loss of murine Paneth cell function alters the immature intestinal microbiome and mimics changes seen in neonatal necrotizing enterocolitis. <i>PLoS ONE</i> , 2018, 13, e0204967.	1.1	53
90	Fetal Exposure to Ethanol Has Long-Term Effects on the Severity of Influenza Virus Infections. <i>Journal of Immunology</i> , 2009, 182, 7803-7808.	0.4	51

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91	A Forensic Investigation Into the Etiology of Bat Mortality at a Wind Farm: Barotrauma or Traumatic Injury?. <i>Veterinary Pathology</i> , 2012, 49, 362-371.	0.8	51
92	Virus-induced inflammasome activation is suppressed by prostaglandin D ₂ /DP1 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5444-E5453.	3.3	48
93	Maternal alcohol ingestion reduces surfactant protein A expression by preterm fetal lung epithelia. <i>Alcohol</i> , 2007, 41, 347-355.	0.8	47
94	Depletion of Airway Submucosal Glands and TP63 ⁺ KRT5 ⁺ Basal Cells in Obliterative Bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1045-1057.	2.5	47
95	Protective and Pathologic Roles of the Immune Response to Mouse Hepatitis Virus Type 1: Implications for Severe Acute Respiratory Syndrome. <i>Journal of Virology</i> , 2009, 83, 9258-9272.	1.5	45
96	Angiotensin II-induced hypertension and cardiac hypertrophy are differentially mediated by TLR3- and TLR4-dependent pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1027-H1038.	1.5	45
97	Electrolyte transport properties in distal small airways from cystic fibrosis pigs with implications for host defense. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L670-L679.	1.3	44
98	A porcine model of neurofibromatosis type 1 that mimics the human disease. <i>JCI Insight</i> , 2018, 3, .	2.3	44
99	Dual Activation of TRIF and MyD88 Adaptor Proteins by Angiotensin II Evokes Opposing Effects on Pressure, Cardiac Hypertrophy, and Inflammatory Gene Expression. <i>Hypertension</i> , 2015, 66, 647-656.	1.3	43
100	Single-Dose, Intranasal Immunization with Recombinant Parainfluenza Virus 5 Expressing Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Spike Protein Protects Mice from Fatal MERS-CoV Infection. <i>MBio</i> , 2020, 11, .	1.8	43
101	Morphological parameters for assessment of burn severity in an acute burn injury rat model. <i>International Journal of Experimental Pathology</i> , 2009, 90, 26-33.	0.6	42
102	Animal models of gastrointestinal and liver diseases. Animal models of cystic fibrosis: gastrointestinal, pancreatic, and hepatobiliary disease and pathophysiology. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G459-G471.	1.6	41
103	Differential Role of Gamma Interferon in Inhibiting Pulmonary Eosinophilia and Exacerbating Systemic Disease in Fusion Protein-Immunized Mice Undergoing Challenge Infection with Respiratory Syncytial Virus. <i>Journal of Virology</i> , 2008, 82, 2196-2207.	1.5	40
104	An inducible model of abacterial prostatitis induces antigen specific inflammatory and proliferative changes in the murine prostate. <i>Prostate</i> , 2011, 71, 1139-1150.	1.2	40
105	Nicotine Mediates CD11a ⁺ Renal Macrophage Infiltration and Premature Hypertension in the Spontaneously Hypertensive Rat. <i>Circulation Research</i> , 2016, 119, 1101-1115.	2.0	39
106	CD8 T cells contribute to lacrimal gland pathology in the nonobese diabetic mouse model of Sjögren syndrome. <i>Immunology and Cell Biology</i> , 2017, 95, 684-694.	1.0	39
107	A novel porcine model of ataxia telangiectasia reproduces neurological features and motor deficits of human disease. <i>Human Molecular Genetics</i> , 2015, 24, 6473-6484.	1.4	38
108	Approaches to Evaluate Lung Inflammation in Translational Research. <i>Veterinary Pathology</i> , 2018, 55, 42-52.	0.8	38

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109	Widespread airway distribution and short-term phenotypic correction of cystic fibrosis pigs following aerosol delivery of piggyBac/adenovirus. <i>Nucleic Acids Research</i> , 2018, 46, 9591-9600.	6.5	38
110	Mice with diverse microbial exposure histories as a model for preclinical vaccine testing. <i>Cell Host and Microbe</i> , 2021, 29, 1815-1827.e6.	5.1	37
111	Differential Expression of Ovine Innate Immune Genes by Preterm and Neonatal Lung Epithelia Infected with Respiratory Syncytial Virus. <i>Viral Immunology</i> , 2006, 19, 316-323.	0.6	36
112	Pancreatic and biliary secretion are both altered in cystic fibrosis pigs. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G961-G968.	1.6	36
113	The Role of LEF1 in Endometrial Gland Formation and Carcinogenesis. <i>PLoS ONE</i> , 2012, 7, e40312.	1.1	36
114	Segmented Filamentous Bacteria Interact with Intraepithelial Mononuclear Cells. <i>Infection and Immunity</i> , 2002, 70, 3277-3280.	1.0	34
115	Expression of select immune genes (surfactant proteins A and D, sheep beta defensin 1, and toll-like) Tj ETQq1 1 0.784314 rgBT /Over Developmental and Comparative Immunology, 2006, 30, 1060-1069.	1.0	34
116	Immunohistochemical Detection of Markers for Translational Studies of Lung Disease in Pigs and Humans. <i>Toxicologic Pathology</i> , 2016, 44, 434-441.	0.9	34
117	RABL6A Is an Essential Driver of MPNSTs that Negatively Regulates the RB1 Pathway and Sensitizes Tumor Cells to CDK4/6 Inhibitors. <i>Clinical Cancer Research</i> , 2020, 26, 2997-3011.	3.2	34
118	Differential expression of sheep beta-defensin-1 and -2 and interleukin 8 during acute Mannheimia haemolytica pneumonia. <i>Microbial Pathogenesis</i> , 2004, 37, 21-27.	1.3	33
119	Pulmonary Cyclooxygenase-1 (COX-1) and COX-2 Cellular Expression and Distribution After Respiratory Syncytial Virus and Parainfluenza Virus Infection. <i>Viral Immunology</i> , 2010, 23, 43-48.	0.6	33
120	Latent Membrane Protein 1, the EBV-Encoded Oncogenic Mimic of CD40, Accelerates Autoimmunity in B6.Sle1 Mice. <i>Journal of Immunology</i> , 2010, 185, 4053-4062.	0.4	33
121	Manganese superoxide dismutase depletion in murine hematopoietic stem cells perturbs iron homeostasis, globin switching, and epigenetic control in erythrocyte precursor cells. <i>Free Radical Biology and Medicine</i> , 2013, 56, 17-27.	1.3	33
122	Newborn Cystic Fibrosis Pigs Have a Blunted Early Response to an Inflammatory Stimulus. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 845-854.	2.5	32
123	Lack of cystic fibrosis transmembrane conductance regulator disrupts fetal airway development in pigs. <i>Laboratory Investigation</i> , 2018, 98, 825-838.	1.7	32
124	Developmental expression and distribution of sheep β 2-defensin-2. <i>Developmental and Comparative Immunology</i> , 2004, 28, 171-178.	1.0	31
125	Ddb2 is a haploinsufficient tumor suppressor and controls spontaneous germ cell apoptosis. <i>Human Molecular Genetics</i> , 2007, 16, 1578-1586.	1.4	30
126	Adaptive Immunity Does Not Strongly Suppress Spontaneous Tumors in a Sleeping Beauty Model of Cancer. <i>Journal of Immunology</i> , 2013, 190, 4393-4399.	0.4	30

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127	Surfactant-Associated Protein A Provides Critical Immunoprotection in Neonatal Mice. <i>Infection and Immunity</i> , 2008, 76, 380-390.	1.0	29
128	Gene profiling studies in the neonatal ovine lung show enhancing effects of VEGF on the immune response. <i>Developmental and Comparative Immunology</i> , 2009, 33, 761-771.	1.0	29
129	Comparison of Early Ileal Invasion by <i>Salmonella enterica</i> Serovars Choleraesuis and Typhimurium. <i>Veterinary Pathology</i> , 2003, 40, 371-375.	0.8	28
130	Ferret Lung Transplant: An Orthotopic Model of Obliterative Bronchiolitis. <i>American Journal of Transplantation</i> , 2013, 13, 467-473.	2.6	28
131	<i>Francisella tularensis</i> Schu S4 Lipopolysaccharide Core Sugar and O-Antigen Mutants Are Attenuated in a Mouse Model of Tularemia. <i>Infection and Immunity</i> , 2014, 82, 1523-1539.	1.0	28
132	Morphologic characterization of early ligation-induced acute pancreatitis in rats. <i>American Journal of Surgery</i> , 2007, 194, 652-658.	0.9	27
133	Neonatal Ovine Pulmonary Dendritic Cells Support Bovine Respiratory Syncytial Virus Replication with Enhanced Interleukin (IL)-4 And IL-10 Gene Transcripts. <i>Viral Immunology</i> , 2007, 20, 119-130.	0.6	27
134	Murine Olfactory Bulb Interneurons Survive Infection with a Neurotropic Coronavirus. <i>Journal of Virology</i> , 2017, 91, .	1.5	27
135	Nasal priming by a murine coronavirus provides protective immunity against lethal heterologous virus pneumonia. <i>JCI Insight</i> , 2018, 3, .	2.3	27
136	Histopathologic Evaluation and Scoring of Viral Lung Infection. <i>Methods in Molecular Biology</i> , 2020, 2099, 205-220.	0.4	27
137	The ARF Tumor Suppressor Inhibits Tumor Cell Colonization Independent of p53 in a Novel Mouse Model of Pancreatic Ductal Adenocarcinoma Metastasis. <i>Molecular Cancer Research</i> , 2011, 9, 867-877.	1.5	26
138	Ectopic Expression of Zmiz1 Induces Cutaneous Squamous Cell Malignancies in a Mouse Model of Cancer. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1863-1869.	0.3	26
139	Loss of RHBDF2 results in an early-onset spontaneous murine colitis. <i>Journal of Leukocyte Biology</i> , 2019, 105, 767-781.	1.5	26
140	Lack of airway submucosal glands impairs respiratory host defenses. <i>ELife</i> , 2020, 9, .	2.8	26
141	RABL6A inhibits tumor-suppressive PP2A/AKT signaling to drive pancreatic neuroendocrine tumor growth. <i>Journal of Clinical Investigation</i> , 2019, 129, 1641-1653.	3.9	25
142	Does common cold coronavirus infection protect against severe SARS-CoV-2 disease?. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	25
143	Adenovirus-Mediated Gene Therapy Enhances Parainfluenza Virus 3 Infection in Neonatal Lambs. <i>Journal of Clinical Microbiology</i> , 2004, 42, 4780-4787.	1.8	24
144	Exposure to ethanol during the last trimester of pregnancy alters the maturation and immunity of the fetal lung. <i>Alcohol</i> , 2011, 45, 673-680.	0.8	24

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