

# David K Meyerholz

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

254  
papers

14,812  
citations

59  
h-index

116  
g-index

282  
ext. papers

17,995  
ext. citations

7.9  
avg, IF

6.77  
L-index

#	Paper	IF	Citations
254	Research-Relevant Conditions and Pathology of Laboratory Mice, Rats, Gerbils, Guinea Pigs, Hamsters, Naked Mole Rats, and Rabbits.. <i>ILAR Journal</i> , <b>2022</b> ,	1.7	3
253	Eicosanoid signaling blockade protects middle-aged mice from severe COVID-19.. <i>Nature</i> , <b>2022</b> ,	50.4	9
252	A Single-Cell Atlas of Large and Small Airways at Birth in a Porcine Model of Cystic Fibrosis.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2022</b> ,	5.7	1
251	Oncogenic RABL6A promotes NF1-associated MPNST progression in vivo.. <i>Neuro-Oncology Advances</i> , <b>2022</b> , 4, vdac047	0.9	0
250	Cordyceps inhibits ceramide biosynthesis and improves insulin resistance and hepatic steatosis.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7273	4.9	0
249	Does common cold coronavirus infection protect against severe SARS-CoV-2 disease?. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	7
248	Mice with diverse microbial exposure histories as a model for preclinical vaccine testing. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 1815-1827.e6	23.4	7
247	Influence of SARS-CoV-2 on airway mucus production: A review and proposed model. <i>Veterinary Pathology</i> , <b>2021</b> , 3009858211058837	2.8	3
246	Nonviral Gene Delivery Embedded in Biomimetically Mineralized Matrices for Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , <b>2021</b> , 27, 1074-1083	3.9	5
245	V-Type ATPase Mediates Airway Surface Liquid Acidification in Pig Small Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 65, 146-156	5.7	1
244	Eicosanoid signaling as a therapeutic target in middle-aged mice with severe COVID-19 <b>2021</b> ,		8
243	Exclusion of Expert Contributors From Authorship Limits the Quality of Scientific Articles. <i>Veterinary Pathology</i> , <b>2021</b> , 58, 650-654	2.8	1
242	Coronavirus-specific antibody production in middle-aged mice requires phospholipase A2G2D. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	3
241	Middle East respiratory syndrome coronavirus Spike protein variants exhibit geographic differences in virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
240	RABL6A Promotes Pancreatic Neuroendocrine Tumor Angiogenesis and Progression In Vivo. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	2
239	COVID-19 treatments and pathogenesis including anosmia in K18-hACE2 mice. <i>Nature</i> , <b>2021</b> , 589, 603-607	50.4	196
238	Severe Acute Respiratory Syndrome Coronavirus 2-Induced Immune Activation and Death of Monocyte-Derived Human Macrophages and Dendritic Cells. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 785-795	7	62

237	Challenges and Opportunities for the Veterinary Pathologist in Biomedical Research. <i>Veterinary Pathology</i> , <b>2021</b> , 58, 258-265	2.8	3
236	Protection of K18-hACE2 mice and ferrets against SARS-CoV-2 challenge by a single-dose mucosal immunization with a parainfluenza virus 5-based COVID-19 vaccine. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	21
235	Early intrahepatic duct defects in a cystic fibrosis porcine model. <i>Physiological Reports</i> , <b>2021</b> , 9, e14978	2.6	
234	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> , <b>2021</b> , 118,	11.5	18
233	The TMPRSS2 Inhibitor Nafamostat Reduces SARS-CoV-2 Pulmonary Infection in Mouse Models of COVID-19. <i>MBio</i> , <b>2021</b> , 12, e0097021	7.8	22
232	Early Lung Disease Exhibits Bacteria-Dependent and -Independent Abnormalities in Cystic Fibrosis Pigs. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 692-702	10.2	2
231	Generation of a Broadly Useful Model for COVID-19 Pathogenesis, Vaccination, and Treatment. <i>Cell</i> , <b>2020</b> , 182, 734-743.e5	56.2	264
230	Longitudinal phenotype development in a minipig model of neurofibromatosis type 1. <i>Scientific Reports</i> , <b>2020</b> , 10, 5046	4.9	6
229	Evolving challenges to model human diseases for translational research. <i>Cell and Tissue Research</i> , <b>2020</b> , 380, 305-311	4.2	7
228	Prostaglandin D2 signaling in dendritic cells is critical for the development of EAE. <i>Journal of Autoimmunity</i> , <b>2020</b> , 114, 102508	15.5	2
227	Validating indicators of CNS disorders in a swine model of neurological disease. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228222	3.7	0
226	Toxicity assessment of metal oxide nanomaterials using screening and murine acute inhalation studies. <i>NanoImpact</i> , <b>2020</b> , 18, 100214-100214	5.6	9
225	Loss of iRhom2 accelerates fat gain and insulin resistance in diet-induced obesity despite reduced adipose tissue inflammation. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 106, 154194	12.7	10
224	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> , <b>2020</b> , 11,	7.8	30
223	Dirty Mice Have Altered Influenza A Virus Clearance And Lesions Compared To SPF Mice: A Proposed Model For Study Of Vaccine Response In Humans. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
222	Lack of airway submucosal glands impairs respiratory host defenses. <i>ELife</i> , <b>2020</b> , 9,	8.9	13
221	Adiposity of the B6 Mouse Lung. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
220	Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract <b>2020</b> ,		9

219	K18-hACE2 Mice for Studies of COVID-19 Treatments and Pathogenesis Including Anosmia <b>2020</b> ,		14
218	Pre-existing neutralizing antibodies prevent CD8 T cell-mediated immunopathology following respiratory syncytial virus infection. <i>Mucosal Immunology</i> , <b>2020</b> , 13, 507-517	9.2	3
217	Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract. <i>EBioMedicine</i> , <b>2020</b> , 60, 102976	8.8	94
216	Illuminating COVID-19 lung disease through autopsy studies. <i>EBioMedicine</i> , <b>2020</b> , 57, 102865	8.8	2
215	Early pathogenesis of cystic fibrosis gallbladder disease in a porcine model. <i>Laboratory Investigation</i> , <b>2020</b> , 100, 1388-1399	5.9	3
214	3C-like protease inhibitors block coronavirus replication in vitro and improve survival in MERS-CoV-infected mice. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	113
213	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> , <b>2020</b> , 117, 24464-24474	11.5	22
212	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> , <b>2020</b> , 26, 2997-3011	12.9	17
211	Histopathologic Evaluation and Scoring of Viral Lung Infection. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2099, 205-220	1.4	9
210	An investigation of p53 in skeletal muscle aging. <i>Journal of Applied Physiology</i> , <b>2019</b> , 127, 1075-1084	3.7	5
209	Loss of RHBDF2 results in an early-onset spontaneous murine colitis. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 767-781	6.5	19
208	Renal denervation and CD161a immune ablation prevent cholinergic hypertension and renal sodium retention. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H517-H530 <sup>2</sup>	5.2	8
207	Tcf1 and Lef1 are required for the immunosuppressive function of regulatory T cells. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 847-866	16.6	37
206	Derivation of adult canine intestinal organoids for translational research in gastroenterology. <i>BMC Biology</i> , <b>2019</b> , 17, 33	7.3	38
205	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> , <b>2019</b> , 316, H1027-H1038	5.2	28
204	Common Pitfalls in Analysis of Tissue Scores. <i>Veterinary Pathology</i> , <b>2019</b> , 56, 39-42	2.8	8
203	Radiomic biomarkers informative of cancerous transformation in neurofibromatosis-1 plexiform tumors. <i>Journal of Neuroradiology</i> , <b>2019</b> , 46, 179-185	3.1	6
202	Engineered amphiphilic peptides enable delivery of proteins and CRISPR-associated nucleases to airway epithelia. <i>Nature Communications</i> , <b>2019</b> , 10, 4906	17.4	44

201	RABL6A inhibits tumor-suppressive PP2A/AKT signaling to drive pancreatic neuroendocrine tumor growth. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 1641-1653	15.9	17
200	IFN-I response timing relative to virus replication determines MERS coronavirus infection outcomes. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 3625-3639	15.9	330
199	Airway Caliber is Linked to Wall Thickness in Mice: Implications for Morphometry. <i>FASEB Journal</i> , <b>2019</b> , 33, lb358	0.9	
198	Assessment of nociception and related quality-of-life measures in a porcine model of neurofibromatosis type 1. <i>Pain</i> , <b>2019</b> , 160, 2473-2486	8	6
197	5'-methylschweinfurthin G reduces chondrosarcoma tumor growth. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 1283-1293	3.8	3
196	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> , <b>2018</b> , 115, 3144-3149	11.5	105
195	Lack of cystic fibrosis transmembrane conductance regulator disrupts fetal airway development in pigs. <i>Laboratory Investigation</i> , <b>2018</b> , 98, 825-838	5.9	23
194	Solitary Cholinergic Stimulation Induces Airway Hyperreactivity and Transcription of Distinct Pro-inflammatory Pathways. <i>Lung</i> , <b>2018</b> , 196, 219-229	2.9	7
193	Memory CD8 T cells mediate severe immunopathology following respiratory syncytial virus infection. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006810	7.6	70
192	Citation Index Is Not Critically Important to Veterinary Pathology, Medicine, and Research. <i>Veterinary Pathology</i> , <b>2018</b> , 55, 595-596	2.8	1
191	A porcine model of neurofibromatosis type 1 that mimics the human disease. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	26
190	Microglia are required for protection against lethal coronavirus encephalitis in mice. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 931-943	15.9	100
189	Evaluating Approaches to Analyze Tissue Score Data. <i>FASEB Journal</i> , <b>2018</b> , 32, 818.10	0.9	
188	The Porcine Lung in Biomedical Research. <i>FASEB Journal</i> , <b>2018</b> , 32, 238.3	0.9	
187	Depletion of Airway Submucosal Glands and TP63KRT5 Basal Cells in Obliterative Bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1045-1057	10.2	23
186	Approaches to Evaluate Lung Inflammation in Translational Research. <i>Veterinary Pathology</i> , <b>2018</b> , 55, 42-52	2.8	24
185	Fundamental Concepts for Semiquantitative Tissue Scoring in Translational Research. <i>ILAR Journal</i> , <b>2018</b> , 59, 13-17	1.7	27
184	Nasal priming by a murine coronavirus provides protective immunity against lethal heterologous virus pneumonia. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	20

183	An Introduction to Pathology in Biomedical Research: A Mission-Critical Specialty for Reproducibility and Rigor in Translational Research. <i>ILAR Journal</i> , <b>2018</b> , 59, 1-3	1.7	6
182	Allograft Inflammatory Factor 1 as an Immunohistochemical Marker for Macrophages in Multiple Tissues and Laboratory Animal Species. <i>Comparative Medicine</i> , <b>2018</b> , 68, 341-348	1.6	11
181	Loss of murine Paneth cell function alters the immature intestinal microbiome and mimics changes seen in neonatal necrotizing enterocolitis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204967	3.7	25
180	Glycogen depletion can increase the specificity of mucin detection in airway tissues. <i>BMC Research Notes</i> , <b>2018</b> , 11, 763	2.3	10
179	The vagal ganglia transcriptome identifies candidate therapeutics for airway hyperreactivity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 315, L133-L148	5.8	6
178	Observational Study Design in Veterinary Pathology, Part 1: Study Design. <i>Veterinary Pathology</i> , <b>2018</b> , 55, 607-621	2.8	7
177	Observational Study Design in Veterinary Pathology, Part 2: Methodology. <i>Veterinary Pathology</i> , <b>2018</b> , 55, 774-785	2.8	4
176	Widespread airway distribution and short-term phenotypic correction of cystic fibrosis pigs following aerosol delivery of piggyBac/adenovirus. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 9591-9600	20.1	29
175	Principles and approaches for reproducible scoring of tissue stains in research. <i>Laboratory Investigation</i> , <b>2018</b> , 98, 844-855	5.9	89
174	Abnormal CD161 immune cells and retinoic acid receptor-related orphan receptor E-mediate enhanced IL-17F expression in the setting of genetic hypertension. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 809-821.e3	11.5	7
173	Mounier-Kuhn syndrome: a case of tracheal smooth muscle remodeling. <i>Clinical Case Reports (discontinued)</i> , <b>2017</b> , 5, 93-96	0.7	3
172	CD8 T cells contribute to lacrimal gland pathology in the nonobese diabetic mouse model of Sjögren syndrome. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 684-694	5	25
171	Simple and reproducible approaches for the collection of select porcine ganglia. <i>Journal of Neuroscience Methods</i> , <b>2017</b> , 289, 93-98	3	9
170	Postnatal airway growth in cystic fibrosis piglets. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 526-533	3.7	3
169	Gel-forming mucins form distinct morphologic structures in airways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6842-6847	11.5	98
168	Sex-Based Differences in Susceptibility to Severe Acute Respiratory Syndrome Coronavirus Infection. <i>Journal of Immunology</i> , <b>2017</b> , 198, 4046-4053	5.3	506
167	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> , <b>2017</b> , 114, E3119-E3128	11.5	113
166	Essentiality of Regulator of G Protein Signaling 6 and Oxidized Ca/Calmodulin-Dependent Protein Kinase II in Notch Signaling and Cardiovascular Development. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	6

165	Patterns of host gene expression associated with harboring a foregut microbial community. <i>BMC Genomics</i> , <b>2017</b> , 18, 697	4.5	3
164	Murine Olfactory Bulb Interneurons Survive Infection with a Neurotropic Coronavirus. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	21
163	Immunohistochemical Markers for Prospective Studies in Neurofibromatosis-1 Porcine Models. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2017</b> , 65, 607-618	3.4	14
162	Maintenance of Distal Intestinal Structure in the Face of Prolonged Fasting: A Comparative Examination of Species From Five Vertebrate Classes. <i>Anatomical Record</i> , <b>2017</b> , 300, 2208-2219	2.1	7
161	Genetic ataxia telangiectasia porcine model phenocopies the multisystemic features of the human disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 2862-2870	6.9	7
160	The Evolving Significance and Future Relevance of the Impact Factor. <i>Veterinary Pathology</i> , <b>2017</b> , 54, 721-722	2.8	3
159	Virus-induced inflammasome activation is suppressed by prostaglandin D/DP1 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E5444-E5453	11.5	31
158	CF airway smooth muscle transcriptome reveals a role for PYK2. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	4
157	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> , <b>2016</b> , 193, 417-26	10.2	43
156	Obesity alters immune and metabolic profiles: New insight from obese-resistant mice on high-fat diet. <i>Obesity</i> , <b>2016</b> , 24, 2140-9	8	41
155	The Spl Serine Proteases Modulate Protein Production and Virulence in a Rabbit Model of Pneumonia. <i>MSphere</i> , <b>2016</b> , 1,	5	37
154	Computed Tomography and Magnetic Resonance Imaging for Longitudinal Characterization of Lung Structure Changes in a Yucatan Miniature Pig Silicosis Model. <i>Toxicologic Pathology</i> , <b>2016</b> , 44, 373-81	2.1	3
153	Lessons learned from the cystic fibrosis pig. <i>Theriogenology</i> , <b>2016</b> , 86, 427-32	2.8	14
152	Airway Memory CD4(+) T Cells Mediate Protective Immunity against Emerging Respiratory Coronaviruses. <i>Immunity</i> , <b>2016</b> , 44, 1379-91	32.3	301
151	A congenital case of intermediate-type fetal rhabdomyoma in an Ardi goat kid. <i>Journal of Histotechnology</i> , <b>2016</b> , 39, 17-20	1.3	1
150	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> , <b>2016</b> , 310, L670-9	5.8	27
149	Airway acidification initiates host defense abnormalities in cystic fibrosis mice. <i>Science</i> , <b>2016</b> , 351, 503-7	33.3	197
148	Dipeptidyl Peptidase 4 Distribution in the Human Respiratory Tract: Implications for the Middle East Respiratory Syndrome. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 78-86	5.8	114

147	Dysregulated Type I Interferon and Inflammatory Monocyte-Macrophage Responses Cause Lethal Pneumonia in SARS-CoV-Infected Mice. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 181-93	23.4	975
146	Immunohistochemical Detection of Markers for Translational Studies of Lung Disease in Pigs and Humans. <i>Toxicologic Pathology</i> , <b>2016</b> , 44, 434-41	2.1	25
145	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> , <b>2016</b> , 213, 712-22	7	304
144	Lentiviral-mediated phenotypic correction of cystic fibrosis pigs. <i>JCI Insight</i> , <b>2016</b> , 1,	9.9	56
143	Acid-Sensing Ion Channel 1a Contributes to Airway Hyperreactivity in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166089	9.7	15
142	The Conserved Coronavirus Macrodomein Promotes Virulence and Suppresses the Innate Immune Response during Severe Acute Respiratory Syndrome Coronavirus Infection. <i>MBio</i> , <b>2016</b> , 7,	7.8	140
141	Newborn Cystic Fibrosis Pigs Have a Blunted Early Response to an Inflammatory Stimulus. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 845-854	10.2	25
140	Animal models: Software for study design falls short. <i>Nature</i> , <b>2016</b> , 532, 177	50.4	3
139	Hyaluronan Modulation Impacts Staphylococcus aureus Biofilm Infection. <i>Infection and Immunity</i> , <b>2016</b> , 84, 1917-1929	3.7	39
138	Nicotine Mediates CD161a+ Renal Macrophage Infiltration and Premature Hypertension in the Spontaneously Hypertensive Rat. <i>Circulation Research</i> , <b>2016</b> , 119, 1101-1115	15.7	27
137	Pancreatic pathophysiology in cystic fibrosis. <i>Journal of Pathology</i> , <b>2016</b> , 238, 311-20	9.4	61
136	Origins of cystic fibrosis lung disease. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 351-62	59.2	368
135	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> , <b>2015</b> , 308, G459-71	5.1	33
134	Increased susceptibility to otitis media in a Splunc1-deficient mouse model. <i>DMM Disease Models and Mechanisms</i> , <b>2015</b> , 8, 501-8	4.1	16
133	Protective Effect of Intranasal Regimens Containing Peptidic Middle East Respiratory Syndrome Coronavirus Fusion Inhibitor Against MERS-CoV Infection. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1894-903	7.03	71
132	Glycaemic regulation and insulin secretion are abnormal in cystic fibrosis pigs despite sparing of islet cell mass. <i>Clinical Science</i> , <b>2015</b> , 128, 131-42	6.5	50
131	RSV vaccine-enhanced disease is orchestrated by the combined actions of distinct CD4 T cell subsets. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004757	7.6	90
130	Origins of cystic fibrosis lung disease. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 1574-5	59.2	94



129	Passive immunotherapy with dromedary immune serum in an experimental animal model for Middle East respiratory syndrome coronavirus infection. <i>Journal of Virology</i> , <b>2015</b> , 89, 6117-20	6.6	60
128	A novel porcine model of ataxia telangiectasia reproduces neurological features and motor deficits of human disease. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 6473-84	5.6	28
127	Critical role of phospholipase A2 group IID in age-related susceptibility to severe acute respiratory syndrome-CoV infection. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1851-68	16.6	81
126	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> , <b>2015</b> , 66, 647-56	8.5	37
125	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> , <b>2015</b> , 290, 25497-511	5.4	64
124	Sonographic evidence of abnormal tracheal cartilage ring structure in cystic fibrosis. <i>Laryngoscope</i> , <b>2015</b> , 125, 2398-404	3.6	14
123	The nsp3 macrodomain promotes virulence in mice with coronavirus-induced encephalitis. <i>Journal of Virology</i> , <b>2015</b> , 89, 1523-36	6.6	101
122	Targeted inhibition of prostate cancer metastases with an RNA aptamer to prostate-specific membrane antigen. <i>Molecular Therapy</i> , <b>2014</b> , 22, 1910-22	11.7	83
121	Noninvasive imaging of Staphylococcus aureus infections with a nuclease-activated probe. <i>Nature Medicine</i> , <b>2014</b> , 20, 301-6	50.5	72
120	Keratoacanthoma Pathobiology in Mouse Models. <i>Diseases (Basel, Switzerland)</i> , <b>2014</b> , 2, 106-119	4.4	2
119	NIAM-deficient mice are predisposed to the development of proliferative lesions including B-cell lymphomas. <i>PLoS ONE</i> , <b>2014</b> , 9, e112126	3.7	4
118	Francisella tularensis Schu S4 lipopolysaccharide core sugar and O-antigen mutants are attenuated in a mouse model of tularemia. <i>Infection and Immunity</i> , <b>2014</b> , 82, 1523-39	3.7	21
117	Lung phenotype of juvenile and adult cystic fibrosis transmembrane conductance regulator-knockout ferrets. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 50, 502-12	5.7	81
116	Porcine cancer models for translational oncology. <i>Molecular and Cellular Oncology</i> , <b>2014</b> , 1, e969626	1.2	3
115	Virus-specific memory CD8 T cells provide substantial protection from lethal severe acute respiratory syndrome coronavirus infection. <i>Journal of Virology</i> , <b>2014</b> , 88, 11034-44	6.6	286
114	Gastrointestinal pathology in juvenile and adult CFTR-knockout ferrets. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 1309-22	5.8	53
113	Development and translational imaging of a TP53 porcine tumorigenesis model. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 4052-66	15.9	66
112	Re-evaluation of collision risk at wind farms. <i>Biological Conservation</i> , <b>2013</b> , 157, 432	6.2	2

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3	Sex-dependent differences in pain and sleep in a porcine model of Neurofibromatosis type 1	1
2	Adult Canine Intestinal Derived Organoids: A Novel In Vitro System for Translational Research in Comparative Gastroenterology	1
1	Post-infection treatment with a protease inhibitor increases survival of mice with a fatal SARS-CoV-2 infection	3