Peter Vogel

List of Publications by Year
in descending order

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234 papers	21,677 citations	12303 69 h-index	11288 136 g-index
247 all docs	247 docs citations	247 times ranked	31310 citing authors

#	Article	IF	Citations
1	HIF1Î±â€“dependent glycolytic pathway orchestrates a metabolic checkpoint for the differentiation of TH17 and Treg cells. Journal of Experimental Medicine, 2011, 208, 1367-1376.	4.2	1,447
2	Immune Inhibitory Molecules LAG-3 and PD-1 Synergistically Regulate T-cell Function to Promote Tumoral Immune Escape. Cancer Research, 2012, 72, 917-927.	0.4	1,311
3	Synergism of TNF-Î± and IFN-Î³ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. Cell, 2021, 184, 149-168.e17.	13.5	923
4	The NLRP3 Inflammasome Protects against Loss of Epithelial Integrity and Mortality during Experimental Colitis. Immunity, 2010, 32, 379-391.	6.6	830
5	mTORC1 couples immune signals and metabolic programming to establish Treg-cell function. Nature, 2013, 499, 485-490.	13.7	645
6	Stability and function of regulatory T cells is maintained by a neuropilin-1â€“semaphorin-4a axis. Nature, 2013, 501, 252-256.	13.7	489
7	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. Science Immunology, 2016, 1, .	5.6	464
8	Negative regulation of the NLRP3 inflammasome by A20 protects against arthritis. Nature, 2014, 512, 69-73.	13.7	419
9	TLR2 senses the SARS-CoV-2 envelope protein to produce inflammatory cytokines. Nature Immunology, 2021, 22, 829-838.	7.0	364
10	Autophagy enforces functional integrity of regulatory T cells by coupling environmental cues and metabolic homeostasis. Nature Immunology, 2016, 17, 277-285.	7.0	357
11	The NOD-Like Receptor NLRP12 Attenuates Colon Inflammation and Tumorigenesis. Cancer Cell, 2011, 20, 649-660.	7.7	343
12	NLRP6 negatively regulates innate immunity and host defence against bacterial pathogens. Nature, 2012, 488, 389-393.	13.7	328
13	IL-18 Production Downstream of the Nlrp3 Inflammasome Confers Protection against Colorectal Tumor Formation. Journal of Immunology, 2010, 185, 4912-4920.	0.4	326
14	Receptor interacting protein kinase 2â€“mediated mitophagy regulates inflammasome activation during virus infection. Nature Immunology, 2013, 14, 480-488.	7.0	320
15	T Cell Exit from Quiescence and Differentiation into Th2 Cells Depend on Raptor-mTORC1-Mediated Metabolic Reprogramming. Immunity, 2013, 39, 1043-1056.	6.6	316
16	Treg cells require the phosphatase PTEN to restrain TH1 and TFH cell responses. Nature Immunology, 2015, 16, 178-187.	7.0	309
17	Wnk1 kinase deficiency lowers blood pressure in mice: A gene-trap screen to identify potential targets for therapeutic intervention. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14109-14114.	3.3	306
18	DAI Senses Influenza A Virus Genomic RNA and Activates RIPK3-Dependent Cell Death. Cell Host and Microbe, 2016, 20, 674-681.	5.1	292

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19	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by Francisella infection. Nature Immunology, 2015, 16, 467-475.	7.0	291
20	Critical Role for the DNA Sensor AIM2 in Stem Cell Proliferation and Cancer. Cell, 2015, 162, 45-58.	13.5	266
21	Dietary modulation of the microbiome affects autoinflammatory disease. Nature, 2014, 516, 246-249.	13.7	258
22	Caspase-6 Is a Key Regulator of Innate Immunity, Inflammasome Activation, and Host Defense. Cell, 2020, 181, 674-687.e13.	13.5	252
23	Interleukin-35 Limits Anti-Tumor Immunity. Immunity, 2016, 44, 316-329.	6.6	230
24	Concerted Activation of the AIM2 and NLRP3 Inflammasomes Orchestrates Host Protection against Aspergillus Infection. Cell Host and Microbe, 2015, 17, 357-368.	5.1	227
25	Toll or Interleukin-1 Receptor (TIR) Domain-containing Adaptor Inducing Interferon-Î² (TRIF)-mediated Caspase-11 Protease Production Integrates Toll-like Receptor 4 (TLR4) Protein- and Nlrp3 Inflammasome-mediated Host Defense against Enteropathogens. Journal of Biological Chemistry, 2012, 287, 34474-34483.	1.6	211
26	Lipid signalling enforces functional specialization of Treg cells in tumours. Nature, 2021, 591, 306-311.	13.7	187
27	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activityâ€“independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. Journal of Experimental Medicine, 2020, 217, .	4.2	178
28	Lipid-lowering effects of anti-angiopoietin-like 4 antibody recapitulate the lipid phenotype found in angiopoietin-like 4 knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11766-11771.	3.3	169
29	IL-33 regulates the IgA-microbiota axis to restrain IL-1Î±â€“dependent colitis and tumorigenesis. Journal of Clinical Investigation, 2016, 126, 4469-4481.	3.9	165
30	IL-10 modulates DSS-induced colitis through a macrophageâ€“ROSâ€“NO axis. Mucosal Immunology, 2014, 7, 869-878.	2.7	160
31	NLRC3 is an inhibitory sensor of PI3Kâ€“mTOR pathways in cancer. Nature, 2016, 540, 583-587.	13.7	160
32	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. Cell Reports, 2021, 37, 109858.	2.9	157
33	RIP1-driven autoinflammation targets IL-1Î± independently of inflammasomes and RIP3. Nature, 2013, 498, 224-227.	13.7	149
34	Neuroinvasion by simian immunodeficiency virus coincides with increased numbers of perivascular macrophages/microglia and intrathecal immune activation. Journal of NeuroVirology, 1996, 2, 423-432.	1.0	148
35	Incomplete Inhibition of Sphingosine 1-Phosphate Lyase Modulates Immune System Function yet Prevents Early Lethality and Non-Lymphoid Lesions. PLoS ONE, 2009, 4, e4112.	1.1	145
36	Homeostatic control of metabolic and functional fitness of Treg cells by LKB1 signalling. Nature, 2017, 548, 602-606.	13.7	143

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37	GSDMD is critical for autoinflammatory pathology in a mouse model of Familial Mediterranean Fever. Journal of Experimental Medicine, 2018, 215, 1519-1529.	4.2	143
38	Metabolic heterogeneity underlies reciprocal fates of TH17 cell stemness and plasticity. Nature, 2019, 565, 101-105.	13.7	141
39	ADP-Ribosylation Factor-Like 3 Is Involved in Kidney and Photoreceptor Development. American Journal of Pathology, 2006, 168, 1288-1298.	1.9	138
40	SYK-CARD9 Signaling Axis Promotes Gut Fungi-Mediated Inflammasome Activation to Restrict Colitis and Colon Cancer. Immunity, 2018, 49, 515-530.e5.	6.6	138
41	Discovery and Characterization of Novel Tryptophan Hydroxylase Inhibitors That Selectively Inhibit Serotonin Synthesis in the Gastrointestinal Tract. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 47-55.	1.3	136
42	mTOR coordinates transcriptional programs and mitochondrial metabolism of activated Treg subsets to protect tissue homeostasis. Nature Communications, 2018, 9, 2095.	5.8	133
43	Improved glycemic control in mice lacking Sglt1 and Sglt2. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E117-E130.	1.8	130
44	Role of Inflammasomes in Host Defense against Citrobacter rodentium Infection. Journal of Biological Chemistry, 2012, 287, 16955-16964.	1.6	128
45	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. JCI Insight, 2020, 5, .	2.3	125
46	Congenital Hydrocephalus in Genetically Engineered Mice. Veterinary Pathology, 2012, 49, 166-181.	0.8	123
47	ULK1 and ULK2 Regulate Stress Granule Disassembly Through Phosphorylation and Activation of VCP/p97. Molecular Cell, 2019, 74, 742-757.e8.	4.5	123
48	Deleting DNMT3A in CAR T cells prevents exhaustion and enhances antitumor activity. Science Translational Medicine, 2021, 13, eabh0272.	5.8	123
49	Salmonella exploits NLRP12-dependent innate immune signaling to suppress host defenses during infection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 385-390.	3.3	122
50	Cutting Edge: STING Mediates Protection against Colorectal Tumorigenesis by Governing the Magnitude of Intestinal Inflammation. Journal of Immunology, 2014, 193, 4779-4782.	0.4	115
51	An NLRP3 inflammasomeâ€“triggered Th2-biased adaptive immune response promotes leishmaniasis. Journal of Clinical Investigation, 2015, 125, 1329-1338.	3.9	113
52	Pyrin Inflammasome Regulates Tight Junction Integrity toÂRestrict Colitis and Tumorigenesis. Gastroenterology, 2018, 154, 948-964.e8.	0.6	112
53	Amelogenesis Imperfecta and Other Biomineralization Defects in Fam20a and Fam20c Null Mice. Veterinary Pathology, 2012, 49, 998-1017.	0.8	110
54	Exuberant fibroblast activity compromises lung function via ADAMTS4. Nature, 2020, 587, 466-471.	13.7	108

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55	Critical role for inflammasome-independent IL-1Î² production in osteomyelitis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1066-1071.	3.3	107
56	The ZÎ±2 domain of ZBP1 is a molecular switch regulating influenza-induced PANoptosis and perinatal lethality during development. Journal of Biological Chemistry, 2020, 295, 8325-8330.	1.6	99
57	Drug Transporters on Arachnoid Barrier Cells Contribute to the Bloodâ€“Cerebrospinal Fluid Barrier. Drug Metabolism and Disposition, 2013, 41, 923-931.	1.7	97
58	Simian Immunodeficiency Virus Infection of Macaques: End-Stage Disease Is Characterized by Widespread Distribution of Proviral DNA in Tissues. Journal of Infectious Diseases, 1991, 163, 976-988.	1.9	96
59	Ascorbate Synthesis Pathway. Journal of Biological Chemistry, 2010, 285, 19510-19520.	1.6	96
60	Impaired Wound Healing Predisposes Obese Mice to Severe Influenza Virus Infection. Journal of Infectious Diseases, 2012, 205, 252-261.	1.9	96
61	Determination of the virulence of the pigmentation-deficient and pigmentation-/plasminogen activator-deficient strains of Yersinia pestis in non-human primate and mouse models of pneumonic plague. Vaccine, 2002, 20, 2206-2214.	1.7	94
62	Signaling via the kinase p38Î± programs dendritic cells to drive TH17 differentiation and autoimmune inflammation. Nature Immunology, 2012, 13, 152-161.	7.0	93
63	The NLRP12 Sensor Negatively Regulates Autoinflammatory Disease by Modulating Interleukin-4 Production in T Cells. Immunity, 2015, 42, 654-664.	6.6	91
64	High-throughput screening of mouse gene knockouts identifies established and novel skeletal phenotypes. Bone Research, 2014, 2, 14034.	5.4	90
65	Comparative Neurovirulence and Tissue Tropism of Wild-type and Attenuated Strains of Venezuelan Equine Encephalitis Virus Administered by Aerosol in C3H/HeN and BALB/c Mice. Veterinary Pathology, 1998, 35, 386-397.	0.8	85
66	Lung Î³Î´ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. Immunity, 2018, 49, 531-544.e6.	6.6	85
67	Hippo Kinases Mst1 and Mst2 Sense and Amplify IL-2R-STAT5 Signaling in Regulatory T Cells to Establish Stable Regulatory Activity. Immunity, 2018, 49, 899-914.e6.	6.6	84
68	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. Science Immunology, 2022, 7, eabo6294.	5.6	82
69	Reactive Oxygen Species Regulate Caspase-11 Expression and Activation of the Non-canonical NLRP3 Inflammasome during Enteric Pathogen Infection. PLoS Pathogens, 2014, 10, e1004410.	2.1	79
70	Situs Inversus in Dpcd/Poll^{â€“/â€“}, Nme7^{â€“/â€“}, and Pkd1l1^{â€“/â€“} Mice. Veterinary Pathology, 2010, 47, 120-131.	0.8	78
71	Galactosaminogalactan activates the inflammasome to provide host protection. Nature, 2020, 588, 688-692.	13.7	78
72	Regulators of the Proteasome Pathway, Uch37 and Rpn13, Play Distinct Roles in Mouse Development. PLoS ONE, 2010, 5, e13654.	1.1	77

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73	Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. Immunity, 2019, 51, 1012-1027.e7.	6.6	76
74	Early Events in the Pathogenesis of Eastern Equine Encephalitis Virus in Mice. American Journal of Pathology, 2005, 166, 159-171.	1.9	71
75	Patrolling monocytes promote the pathogenesis of early lupus-like glomerulonephritis. Journal of Clinical Investigation, 2019, 129, 2251-2265.	3.9	70
76	MYCN amplification and ATRX mutations are incompatible in neuroblastoma. Nature Communications, 2020, 11, 913.	5.8	66
77	Tubulin Tyrosine Ligaseâ€“Like 1 Deficiency Results in Chronic Rhinosinusitis and Abnormal Development of Spermatid Flagella in Mice. Veterinary Pathology, 2010, 47, 703-712.	0.8	65
78	Aerosolized specific antibody protects mice from lung injury associated with aerosolized ricin exposure. Toxicon, 1996, 34, 1037-1044.	0.8	64
79	Abcb11 Deficiency Induces Cholestasis Coupled to Impaired Î²-Fatty Acid Oxidation in Mice. Journal of Biological Chemistry, 2012, 287, 24784-24794.	1.6	63
80	Cell-surface antigen profiling of pediatric brain tumors: B7-H3 is consistently expressed and can be targeted via local or systemic CAR T-cell delivery. Neuro-Oncology, 2021, 23, 999-1011.	0.6	63
81	Evidence of Horizontal Transmission of Pneumocystis carinii Pneumonia in Simian Immunodeficiency Virus-Infected Rhesus Macaques. Journal of Infectious Diseases, 1993, 168, 836-843.	1.9	62
82	Keratinocytes contribute intrinsically to psoriasis upon loss of Tnip1 function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6162-E6171.	3.3	62
83	Ocular Albinism and Hypopigmentation Defects in Slc24a5â€”Iâ€” Mice. Veterinary Pathology, 2008, 45, 264-279.	0.8	61
84	Astrovirus infects actively secreting goblet cells and alters the gut mucus barrier. Nature Communications, 2020, 11, 2097.	5.8	61
85	Necroptosis restricts influenza A virus as a stand-alone cell death mechanism. Journal of Experimental Medicine, 2020, 217, .	4.2	60
86	Compromised respiratory function in lethal influenza infection is characterized by the depletion of type I alveolar epithelial cells beyond threshold levels. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L481-L488.	1.3	59
87	Homeostasis and transitional activation of regulatory T cells require c-Myc. Science Advances, 2020, 6, eaaw6443.	4.7	59
88	Mice Lacking Î±/Î² Subunits of GlcNAc-1-Phosphotransferase Exhibit Growth Retardation, Retinal Degeneration, and Secretory Cell Lesions. , 2007, 48, 5221.		58
89	Requirement for Class II Phosphoinositide 3-Kinase C2Î± in Maintenance of Glomerular Structure and Function. Molecular and Cellular Biology, 2011, 31, 63-80.	1.1	58
90	Frizzled 4 Is Required for Retinal Angiogenesis and Maintenance of the Blood-Retina Barrier. , 2011, 52, 6452.		58

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91	Expression of variants of the major surface glycoprotein of Pneumocystis carinii.. Journal of Experimental Medicine, 1996, 183, 1229-1234.	4.2	57
92	NOTUM inhibition increases endocortical bone formation and bone strength. Bone Research, 2019, 7, 2.	5.4	57
93	Mouse Model of Sublethal and Lethal Intraperitoneal Glanders(Burkholderia mallei). Veterinary Pathology, 2000, 37, 626-636.	0.8	55
94	A mouse model of hereditary folate malabsorption: deletion of the PCFT gene leads to systemic folate deficiency. Blood, 2011, 117, 4895-4904.	0.6	55
95	Aerosol infection of rhesus macaques with Junin virus. Intervirology, 1992, 33, 23-31.	1.2	55
96	Tyrosine Kinase SYK Licenses MyD88 Adaptor Protein to Instigate IL-1Î±-Mediated Inflammatory Disease. Immunity, 2017, 46, 635-648.	6.6	53
97	Fungal ligands released by innate immune effectors promote inflammasome activation during Aspergillus fumigatus infection. Nature Microbiology, 2019, 4, 316-327.	5.9	53
98	Murine UDP-GlcNAc:Lysosomal Enzyme N-Acetylglucosamine-1-phosphotransferase Lacking the Î³-Subunit Retains Substantial Activity toward Acid Hydrolases. Journal of Biological Chemistry, 2007, 282, 27198-27203.	1.6	51
99	Targeted disruption of leucine-rich repeat kinase 1 but not leucine-rich repeat kinase 2 in mice causes severe osteopetrosis. Journal of Bone and Mineral Research, 2013, 28, 1962-1974.	3.1	51
100	Osteoclast fusion and bone loss are restricted by interferon inducible guanylate binding proteins. Nature Communications, 2021, 12, 496.	5.8	51
101	The Hamster Model of IntraperitonealBurkholderia mallei(Glanders). Veterinary Pathology, 1999, 36, 276-291.	0.8	50
102	Regulatory T Cells Limit Induction of Protective Immunity and Promote Immune Pathology following Intestinal Helminth Infection. Journal of Immunology, 2014, 192, 2904-2912.	0.4	50
103	IL-10 engages macrophages to shift Th17 cytokine dependency and pathogenicity during T-cell-mediated colitis. Nature Communications, 2015, 6, 6131.	5.8	50
104	GREMLIN 2 Mutations and Dental Anomalies. Journal of Dental Research, 2015, 94, 1646-1652.	2.5	49
105	Acute Lung Injury Results from Innate Sensing of Viruses by an ER Stress Pathway. Cell Reports, 2015, 11, 1591-1603.	2.9	48
106	Combinations of Oseltamivir and T-705 Extend the Treatment Window for Highly Pathogenic Influenza A(H5N1) Virus Infection in Mice. Scientific Reports, 2016, 6, 26742.	1.6	48
107	Profound Obesity Secondary to Hyperphagia in Mice Lacking Kinase Suppressor of Ras 2. Obesity, 2011, 19, 1010-1018.	1.5	47
108	Transforming growth factor beta-activated kinase 1 (TAK1)-dependent checkpoint in the survival of dendritic cells promotes immune homeostasis and function. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E343-52.	3.3	47

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109	The Hemagglutinin Stem-Binding Monoclonal Antibody VIS410 Controls Influenza Virus-Induced Acute Respiratory Distress Syndrome. Antimicrobial Agents and Chemotherapy, 2016, 60, 2118-2131.	1.4	46
110	Mouse Fkbp8 activity is required to inhibit cell death and establish dorso-ventral patterning in the posterior neural tube. Human Molecular Genetics, 2008, 17, 587-601.	1.4	44
111	Comparative Pathology of Murine Mucolipidosis Types II and IIIC. Veterinary Pathology, 2009, 46, 313-324.	0.8	42
112	Primary Epiphyseal Arteriopathy in a Mouse Model of Steroid-Induced Osteonecrosis. American Journal of Pathology, 2013, 183, 19-25.	1.9	42
113	A Novel Cytotoxic Sequence Contributes to Influenza A Viral Protein PB1-F2 Pathogenicity and Predisposition to Secondary Bacterial Infection. Journal of Virology, 2014, 88, 503-515.	1.5	42
114	Critical roles of mTORC1 signaling and metabolic reprogramming for M-CSFâ€“mediated myelopoiesis. Journal of Experimental Medicine, 2017, 214, 2629-2647.	4.2	42
115	Genetic Deletion of Mst1 Alters T Cell Function and Protects against Autoimmunity. PLoS ONE, 2014, 9, e98151.	1.1	41
116	Diacylglycerol Lipase ÃŽÂ± Knockout Mice Demonstrate Metabolic and Behavioral Phenotypes Similar to Those of Cannabinoid Receptor 1 Knockout Mice. Frontiers in Endocrinology, 2015, 6, 86.	1.5	40
117	Netrinâ€Ɠ2 and netrinâ€Ɠ2 ligand are both required for normal auditory responsiveness. Genes, Brain and Behavior, 2008, 7, 385-392.	1.1	38
118	A liveâ€attenuated pneumococcal vaccine elicits <scp>CD</scp>4⁺<scp>T</scp>â€cell dependent class switching and provides serotype independent protection against acute otitis media. EMBO Molecular Medicine, 2014, 6, 141-154.	3.3	38
119	Ectonucleoside Triphosphate Diphosphohydrolase Type 5 (Entpd5)-Deficient Mice Develop Progressive Hepatopathy, Hepatocellular Tumors, and Spermatogenic Arrest. Veterinary Pathology, 2009, 46, 491-504.	0.8	37
120	Cardiomyopathy in Î±-Kinase 3 (ALPK3)â€“Deficient Mice. Veterinary Pathology, 2012, 49, 131-141.	0.8	37
121	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. Nature Communications, 2016, 7, 12353.	5.8	37
122	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. PLoS Pathogens, 2016, 12, e1005804.	2.1	37
123	Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. Journal of Virology, 2014, 88, 12982-12991.	1.5	36
124	Telomerase Expression by Aberrant Methylation of the TERT Promoter in Melanoma Arising in Giant Congenital Nevi. Journal of Investigative Dermatology, 2016, 136, 339-342.	0.3	36
125	Multikinase Inhibitors Induce Cutaneous Toxicity through OAT6-Mediated Uptake and MAP3K7-Driven Cell Death. Cancer Research, 2016, 76, 117-126.	0.4	36
126	CRISPR screens unveil signal hubs for nutrient licensing of T cell immunity. Nature, 2021, 600, 308-313.	13.7	36

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127	Rapid development of glomerular injury and renal failure in mice lacking p53R2. Pediatric Nephrology, 2005, 20, 432-440.	0.9	35
128	Histopathological and Neurological Features of Atg4b Knockout Mice. Veterinary Pathology, 2011, 48, 486-494.	0.8	35
129	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. Journal of Biological Chemistry, 2021, 296, 100579.	1.6	35
130	Learning and memory impairment in Eph receptor A6 knockout mice. Neuroscience Letters, 2008, 438, 205-209.	1.0	34
131	An Early Onset Progressive Motor Neuron Disorder in Scyl1-Deficient Mice Is Associated with Mislocalization of TDP-43. Journal of Neuroscience, 2012, 32, 16560-16573.	1.7	34
132	Maternal bile acid transporter deficiency promotes neonatal demise. Nature Communications, 2015, 6, 8186.	5.8	34
133	Dynamically linking influenza virus infection kinetics, lung injury, inflammation, and disease severity. ELife, 2021, 10, .	2.8	34
134	TNF/TNFR axis promotes pyrin inflammasome activation and distinctly modulates pyrin inflammasomopathy. Journal of Clinical Investigation, 2018, 129, 150-162.	3.9	34
135	Enhanced Susceptibility of Ago1/3 Double-Null Mice to Influenza A Virus Infection. Journal of Virology, 2012, 86, 4151-4157.	1.5	33
136	Activation of Sonic hedgehog signaling in neural progenitor cells promotes glioma development in the zebrafish optic pathway. Oncogenesis, 2014, 3, e96-e96.	2.1	33
137	Exploring the elephant: histopathology in high-throughput phenotyping of mutant mice. DMM Disease Models and Mechanisms, 2012, 5, 19-25.	1.2	32
138	Recipient Myeloid-Derived Immunomodulatory Cells Induce PD-1 Ligandâ€“Dependent Donor CD4+Foxp3+ Regulatory T Cell Proliferation and Donorâ€“Recipient Immune Tolerance after Murine Nonmyeloablative Bone Marrow Transplantation. Journal of Immunology, 2013, 191, 5764-5776.	0.4	31
139	AMKL chimeric transcription factors are potent inducers of leukemia. Leukemia, 2017, 31, 2228-2234.	3.3	31
140	H1N1 influenza viruses varying widely in hemagglutinin stability transmit efficiently from swine to swine and to ferrets. PLoS Pathogens, 2017, 13, e1006276.	2.1	29
141	Protein Prenylation Drives Discrete Signaling Programs for the Differentiation and Maintenance of Effector Treg Cells. Cell Metabolism, 2020, 32, 996-1011.e7.	7.2	28
142	Consequences of Vitamin A Deficiency: Immunoglobulin Dysregulation, Squamous Cell Metaplasia, Infectious Disease, and Death. International Journal of Molecular Sciences, 2020, 21, 5570.	1.8	28
143	A Single Point Mutation (Y89F) within the Non-Structural Protein 1 of Influenza A Viruses Limits Epithelial Cell Tropism and Virulence in Mice. American Journal of Pathology, 2012, 180, 2361-2374.	1.9	27
144	Differential Host Response, Rather Than Early Viral Replication Efficiency, Correlates with Pathogenicity Caused by Influenza Viruses. PLoS ONE, 2013, 8, e74863.	1.1	27

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145	Control of IL-17 receptor signaling and tissue inflammation by the p38Î±â€“MKP-1 signaling axis in a mouse model of multiple sclerosis. Science Signaling, 2015, 8, ra24.	1.6	27
146	Pathology of Congenital Generalized Lipodystrophy in Agpat2^{â€“/â€“} Mice. Veterinary Pathology, 2011, 48, 642-654.	0.8	26
147	IL-1Î² and Caspase-1 Drive Autoinflammatory Disease Independently of IL-1Î± or Caspase-8 in a Mouse Model of Familial Mediterranean Fever. American Journal of Pathology, 2017, 187, 236-244.	1.9	26
148	A Perfect Storm: Increased Colonization and Failure of Vaccination Leads to Severe Secondary Bacterial Infection in Influenza Virus-Infected Obese Mice. MBio, 2017, 8, .	1.8	26
149	Mice Lacking Mannose 6-Phosphate Uncovering Enzyme Activity Have a Milder Phenotype than Mice Deficient forN-Acetylglucosamine-1-Phosphotransferase Activity. Molecular Biology of the Cell, 2009, 20, 4381-4389.	0.9	25
150	Malformation of Incisor Teeth in Grem2^{-/-} Mice. Veterinary Pathology, 2015, 52, 224-229.	0.8	25
151	Characterization of a Multicopy Family of Genes Encoding a Surface-Expressed Serine Endoprotease in Rat Pneumocystis carinii. Proceedings of the Association of American Physicians, 1999, 111, 347-356.	2.1	25
152	Ligation of mouse L4 and L5 spinal nerves produces robust allodynia without major motor function deficit. Behavioural Brain Research, 2015, 276, 99-110.	1.2	24
153	Critical role of caspase-8-mediated IL-1 signaling in promoting Th2 responses during asthma pathogenesis. Mucosal Immunology, 2017, 10, 128-138.	2.7	24
154	Molecular basis of mammalian transmissibility of avian H1N1 influenza viruses and their pandemic potential. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11217-11222.	3.3	24
155	Dentin Dysplasia inNotumKnockout Mice. Veterinary Pathology, 2016, 53, 853-862.	0.8	23
156	Allergic inflammation alters the lung microbiome and hinders synergistic co-infection with H1N1 influenza virus and Streptococcus pneumoniae in C57BL/6 mice. Scientific Reports, 2019, 9, 19360.	1.6	23
157	Combinatorial screening using orthotopic patient derived xenograft-expanded early phase cultures of osteosarcoma identify novel therapeutic drug combinations. Cancer Letters, 2019, 442, 262-270.	3.2	23
158	Globule Leukocytes and Other Mast Cells in the Mouse Intestine. Veterinary Pathology, 2018, 55, 76-97.	0.8	22
159	The Weaned Pig as a Model for Doxorubicin-Induced Mucositis. Chemotherapy, 2014, 60, 24-36.	0.8	21
160	Predicting human disease mutations and identifying drug targets from mouse gene knockout phenotyping campaigns. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	21
161	Early Toxicology Signal Generation in the Mouse. Toxicologic Pathology, 2010, 38, 452-471.	0.9	20
162	DOCK2 confers immunity and intestinal colonization resistance to Citrobacter rodentium infection. Scientific Reports, 2016, 6, 27814.	1.6	20

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164	Keratinocyte Migration in the Developing Eyelid Requires LIMK2. PLoS ONE, 2012, 7, e47168.	1.1	19
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