

# 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	Tsc2 mutation induces renal tubular cell nonautonomous disease. <i>Genes and Diseases</i> , 2022, 9, 187-200.	1.5	9
2	The Transcription Factor IRF9 Promotes Colorectal Cancer via Modulating the IL-6/STAT3 Signaling Axis. <i>Cancers</i> , 2022, 14, 919.	1.7	6
3	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. <i>Science Immunology</i> , 2022, 7, eabo6294.	5.6	82
4	An epitope-optimized human H3N2 influenza vaccine induces broadly protective immunity in mice and ferrets. <i>Npj Vaccines</i> , 2022, 7, .	2.9	6
5	Cardiopulmonary Injury in the Syrian Hamster Model of COVID-19. <i>Viruses</i> , 2022, 14, 1403.	1.5	5
6	Development of Mast Cell and Eosinophil Hyperplasia and HLH/MAS-Like Disease in NSG-SGM3 Mice Receiving Human CD34+ Hematopoietic Stem Cells or Patient-Derived Leukemia Xenografts. <i>Veterinary Pathology</i> , 2021, 58, 181-204.	0.8	9
7	Synergism of TNF- $\hat{\pm}$ and IFN- $\hat{3}$ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , 2021, 184, 149-168.e17.	13.5	923
8	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. <i>Neuro-Oncology</i> , 2021, 23, 999-1011.	0.6	63
9	Effect of Vitamin A Deficiency in Dysregulating Immune Responses to Influenza Virus and Increasing Mortality Rates After Bacterial Coinfections. <i>Journal of Infectious Diseases</i> , 2021, 223, 1806-1816.	1.9	13
10	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. <i>Journal of Biological Chemistry</i> , 2021, 296, 100579.	1.6	35
11	Osteoclast fusion and bone loss are restricted by interferon inducible guanylate binding proteins. <i>Nature Communications</i> , 2021, 12, 496.	5.8	51
12	Lipid signalling enforces functional specialization of Treg cells in tumours. <i>Nature</i> , 2021, 591, 306-311.	13.7	187
13	A MyD88/IL1R Axis Regulates PD-1 Expression on Tumor-Associated Macrophages and Sustains Their Immunosuppressive Function in Melanoma. <i>Cancer Research</i> , 2021, 81, 2358-2372.	0.4	16
14	ATG14 and RB1CC1 play essential roles in maintaining muscle homeostasis. <i>Autophagy</i> , 2021, 17, 2576-2585.	4.3	5
15	Requirement for antiapoptotic MCL-1 during early erythropoiesis. <i>Blood</i> , 2021, 137, 1945-1958.	0.6	17
16	TLR2 senses the SARS-CoV-2 envelope protein to produce inflammatory cytokines. <i>Nature Immunology</i> , 2021, 22, 829-838.	7.0	364
17	Dynamic Pneumococcal Genetic Adaptations Support Bacterial Growth and Inflammation during Coinfection with Influenza. <i>Infection and Immunity</i> , 2021, 89, e0002321.	1.0	6
18	Hierarchical Cell Death Program Disrupts the Intracellular Niche Required for <i>Burkholderia thailandensis</i> Pathogenesis. <i>MBio</i> , 2021, 12, e0105921.	1.8	12

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19	Dynamically linking influenza virus infection kinetics, lung injury, inflammation, and disease severity. <i>ELife</i> , 2021, 10, .	2.8	34
20	Histopathology is required to identify and characterize myopathies in high-throughput phenotype screening of genetically engineered mice. <i>Veterinary Pathology</i> , 2021, 58, 030098582110305.	0.8	7
21	High-Throughput Screening of Mouse Gene Knockouts Identifies Established and Novel High Body Fat Phenotypes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 3753-3785.	1.1	8
22	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. <i>Cell Reports</i> , 2021, 37, 109858.	2.9	157
23	Might Routine Vitamin A Monitoring in Cystic Fibrosis Patients Reduce Virus-Mediated Lung Pathology?. <i>Frontiers in Immunology</i> , 2021, 12, 704391.	2.2	2
24	CRISPR screens unveil signal hubs for nutrient licensing of T cell immunity. <i>Nature</i> , 2021, 600, 308-313.	13.7	36
25	Deleting DNMT3A in CAR T cells prevents exhaustion and enhances antitumor activity. <i>Science Translational Medicine</i> , 2021, 13, eabh0272.	5.8	123
26	Morphologic and Immunohistochemical Characterization of Spontaneous Lymphoma/Leukemia in NSG Mice. <i>Veterinary Pathology</i> , 2020, 57, 160-171.	0.8	15
27	Homeostasis and transitional activation of regulatory T cells require c-Myc. <i>Science Advances</i> , 2020, 6, eaaw6443.	4.7	59
28	Protein Prenylation Drives Discrete Signaling Programs for the Differentiation and Maintenance of Effector Treg Cells. <i>Cell Metabolism</i> , 2020, 32, 996-1011.e7.	7.2	28
29	Galactosaminogalactan activates the inflammasome to provide host protection. <i>Nature</i> , 2020, 588, 688-692.	13.7	78
30	Consequences of Vitamin A Deficiency: Immunoglobulin Dysregulation, Squamous Cell Metaplasia, Infectious Disease, and Death. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5570.	1.8	28
31	Progressive Degenerative Myopathy and Myosteotosis in ASNSD1-Deficient Mice. <i>Veterinary Pathology</i> , 2020, 57, 723-735.	0.8	6
32	Tissue-Specific Regulation of the Wnt/ $\beta$ -Catenin Pathway by PAGE4 Inhibition of Tankyrase. <i>Cell Reports</i> , 2020, 32, 107922.	2.9	7
33	Exuberant fibroblast activity compromises lung function via ADAMTS4. <i>Nature</i> , 2020, 587, 466-471.	13.7	108
34	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activity-independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	178
35	Monoclonal Antibody Therapy Protects Pharmacologically Immunosuppressed Mice from Lethal Infection with Influenza B Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	3
36	Continued Evolution of H5Nx Avian Influenza Viruses in Bangladeshi Live Poultry Markets: Pathogenic Potential in Poultry and Mammalian Models. <i>Journal of Virology</i> , 2020, 94, .	1.5	6

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37	Necroptosis restricts influenza A virus as a stand-alone cell death mechanism. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	60
38	Tuberous Sclerosis Complex Axis Controls Renal Extracellular Vesicle Production and Protein Content. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1729.	1.8	16
39	Interferon inducible GBPs restrict <i>Burkholderia thailandensis</i> motility induced cell-cell fusion. <i>PLoS Pathogens</i> , 2020, 16, e1008364.	2.1	15
40	MYCN amplification and ATRX mutations are incompatible in neuroblastoma. <i>Nature Communications</i> , 2020, 11, 913.	5.8	66
41	PATHBIO: an international training program for precision mouse phenotyping. <i>Mammalian Genome</i> , 2020, 31, 49-53.	1.0	2
42	Astrovirus infects actively secreting goblet cells and alters the gut mucus barrier. <i>Nature Communications</i> , 2020, 11, 2097.	5.8	61
43	The Z $\beta$ 2 domain of ZBP1 is a molecular switch regulating influenza-induced PANoptosis and perinatal lethality during development. <i>Journal of Biological Chemistry</i> , 2020, 295, 8325-8330.	1.6	99
44	Hemagglutinin Stability Regulates H1N1 Influenza Virus Replication and Pathogenicity in Mice by Modulating Type I Interferon Responses in Dendritic Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	18
45	Caspase-6 Is a Key Regulator of Innate Immunity, Inflammasome Activation, and Host Defense. <i>Cell</i> , 2020, 181, 674-687.e13.	13.5	252
46	Spectrum of Posttransplant Lymphoproliferations in NSG Mice and Their Association With EBV Infection After Engraftment of Pediatric Solid Tumors. <i>Veterinary Pathology</i> , 2020, 57, 445-456.	0.8	10
47	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. <i>JCI Insight</i> , 2020, 5, .	2.3	125
48	Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. <i>Immunity</i> , 2019, 51, 1012-1027.e7.	6.6	76
49	Optimizing T-705 (favipiravir) treatment of severe influenza B virus infection in the immunocompromised mouse model. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1333-1341.	1.3	6
50	Predicting human disease mutations and identifying drug targets from mouse gene knockout phenotyping campaigns. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	21
51	Characterizing a Murine Model for Astrovirus Using Viral Isolates from Persistently Infected Immunocompromised Mice. <i>Journal of Virology</i> , 2019, 93, .	1.5	18
52	Efficacy of Aminomethyl Spectinomycins against Complex Upper Respiratory Tract Bacterial Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	4
53	ULK1 and ULK2 Regulate Stress Granule Disassembly Through Phosphorylation and Activation of VCP/p97. <i>Molecular Cell</i> , 2019, 74, 742-757.e8.	4.5	123
54	Rapalog resistance is associated with mesenchymal-type changes in Tsc2-null cells. <i>Scientific Reports</i> , 2019, 9, 3015.	1.6	15

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55	Allergic inflammation alters the lung microbiome and hinders synergistic co-infection with H1N1 influenza virus and <i>Streptococcus pneumoniae</i> in C57BL/6 mice. <i>Scientific Reports</i> , 2019, 9, 19360.	1.6	23
56	Metabolic heterogeneity underlies reciprocal fates of TH17 cell stemness and plasticity. <i>Nature</i> , 2019, 565, 101-105.	13.7	141
57	NOTUM inhibition increases endocortical bone formation and bone strength. <i>Bone Research</i> , 2019, 7, 2.	5.4	57
58	Combinatorial screening using orthotopic patient derived xenograft-expanded early phase cultures of osteosarcoma identify novel therapeutic drug combinations. <i>Cancer Letters</i> , 2019, 442, 262-270.	3.2	23
59	Fungal ligands released by innate immune effectors promote inflammasome activation during <i>Aspergillus fumigatus</i> infection. <i>Nature Microbiology</i> , 2019, 4, 316-327.	5.9	53
60	Classification, Scoring, and Quantification of Cell Death in Tissue Sections. <i>Veterinary Pathology</i> , 2019, 56, 33-38.	0.8	18
61	Patrolling monocytes promote the pathogenesis of early lupus-like glomerulonephritis. <i>Journal of Clinical Investigation</i> , 2019, 129, 2251-2265.	3.9	70
62	SIL1, the ER Hsp70 co-chaperone, plays a critical role in maintaining skeletal muscle proteostasis and physiology. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	13
63	Replication and pathogenic potential of influenza A virus subtypes H3, H7, and H15 from free-range ducks in Bangladesh in mammals. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	3.0	13
64	Overlapping Role of SCYL1 and SCYL3 in Maintaining Motor Neuron Viability. <i>Journal of Neuroscience</i> , 2018, 38, 2615-2630.	1.7	17
65	ASK Family Kinases Are Required for Optimal NLRP3 Inflammasome Priming. <i>American Journal of Pathology</i> , 2018, 188, 1021-1030.	1.9	17
66	Pyrin Inflammasome Regulates Tight Junction Integrity to Restrict Colitis and Tumorigenesis. <i>Gastroenterology</i> , 2018, 154, 948-964.e8.	0.6	112
67	Globule Leukocytes and Other Mast Cells in the Mouse Intestine. <i>Veterinary Pathology</i> , 2018, 55, 76-97.	0.8	22
68	Dynamics of Sendai Virus Spread, Clearance, and Immunotherapeutic Efficacy after Hematopoietic Cell Transplant Imaged Noninvasively in Mice. <i>Journal of Virology</i> , 2018, 92, .	1.5	6
69	Hippo Kinases Mst1 and Mst2 Sense and Amplify IL-2R-STAT5 Signaling in Regulatory T Cells to Establish Stable Regulatory Activity. <i>Immunity</i> , 2018, 49, 899-914.e6.	6.6	84
70	SYK-CARD9 Signaling Axis Promotes Gut Fungi-Mediated Inflammasome Activation to Restrict Colitis and Colon Cancer. <i>Immunity</i> , 2018, 49, 515-530.e5.	6.6	138
71	Lung $\gamma\delta$ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. <i>Immunity</i> , 2018, 49, 531-544.e6.	6.6	85
72	GSDMD is critical for autoinflammatory pathology in a mouse model of Familial Mediterranean Fever. <i>Journal of Experimental Medicine</i> , 2018, 215, 1519-1529.	4.2	143

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73	mTOR coordinates transcriptional programs and mitochondrial metabolism of activated Treg subsets to protect tissue homeostasis. <i>Nature Communications</i> , 2018, 9, 2095.	5.8	133
74	Genetic characterization and pathogenic potential of H10 avian influenza viruses isolated from live poultry markets in Bangladesh. <i>Scientific Reports</i> , 2018, 8, 10693.	1.6	10
75	Virulent PB1-F2 residues: effects on fitness of H1N1 influenza A virus in mice and changes during evolution of human influenza A viruses. <i>Scientific Reports</i> , 2018, 8, 7474.	1.6	10
76	TNF/TNFR axis promotes pyrin inflammasome activation and distinctly modulates pyrin inflammasomopathy. <i>Journal of Clinical Investigation</i> , 2018, 129, 150-162.	3.9	34
77	Critical role of caspase-8-mediated IL-1 signaling in promoting Th2 responses during asthma pathogenesis. <i>Mucosal Immunology</i> , 2017, 10, 128-138.	2.7	24
78	The PA Endonuclease Inhibitor RO-7 Protects Mice from Lethal Challenge with Influenza A or B Viruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	17
79	AMKL chimeric transcription factors are potent inducers of leukemia. <i>Leukemia</i> , 2017, 31, 2228-2234.	3.3	31
80	Tyrosine Kinase SYK Licenses MyD88 Adaptor Protein to Instigate IL-1 $\beta$ -Mediated Inflammatory Disease. <i>Immunity</i> , 2017, 46, 635-648.	6.6	53
81	Bidirectional immune tolerance in nonmyeloablative MHC-mismatched BMT for murine $\beta$ -thalassemia. <i>Blood</i> , 2017, 129, 3017-3030.	0.6	7
82	IL-1 $\beta$ and Caspase-1 Drive Autoinflammatory Disease Independently of IL-1 $\alpha$ or Caspase-8 in a Mouse Model of Familial Mediterranean Fever. <i>American Journal of Pathology</i> , 2017, 187, 236-244.	1.9	26
83	Homeostatic control of metabolic and functional fitness of Treg cells by LKB1 signalling. <i>Nature</i> , 2017, 548, 602-606.	13.7	143
84	A Perfect Storm: Increased Colonization and Failure of Vaccination Leads to Severe Secondary Bacterial Infection in Influenza Virus-Infected Obese Mice. <i>MBio</i> , 2017, 8, .	1.8	26
85	Molecular basis of mammalian transmissibility of avian H1N1 influenza viruses and their pandemic potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11217-11222.	3.3	24
86	Critical roles of mTORC1 signaling and metabolic reprogramming for M-CSF-mediated myelopoiesis. <i>Journal of Experimental Medicine</i> , 2017, 214, 2629-2647.	4.2	42
87	Pathogenicity and peramivir efficacy in immunocompromised murine models of influenza B virus infection. <i>Scientific Reports</i> , 2017, 7, 7345.	1.6	13
88	A pharmacologically immunosuppressed mouse model for assessing influenza B virus pathogenicity and oseltamivir treatment. <i>Antiviral Research</i> , 2017, 148, 20-31.	1.9	13
89	Extracellular Signal-Regulated Kinase Signaling in CD4-Expressing Cells Inhibits Osteochondromas. <i>Frontiers in Immunology</i> , 2017, 8, 482.	2.2	10
90	H1N1 influenza viruses varying widely in hemagglutinin stability transmit efficiently from swine to swine and to ferrets. <i>PLoS Pathogens</i> , 2017, 13, e1006276.	2.1	29

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91	Combinations of Oseltamivir and T-705 Extend the Treatment Window for Highly Pathogenic Influenza A(H5N1) Virus Infection in Mice. <i>Scientific Reports</i> , 2016, 6, 26742.	1.6	48
92	NLRC3 is an inhibitory sensor of PI3K-mTOR pathways in cancer. <i>Nature</i> , 2016, 540, 583-587.	13.7	160
93	Detection of Phenotypic Alterations Using High-Content Analysis of Whole-Slide Images. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 301-310.	1.3	8
94	Dentin Dysplasia in Notum Knockout Mice. <i>Veterinary Pathology</i> , 2016, 53, 853-862.	0.8	23
95	Vitamin A deficient mice exhibit increased viral antigens and enhanced cytokine/chemokine production in nasal tissues following respiratory virus infection despite the presence of FoxP3 + T cells. <i>International Immunology</i> , 2016, 28, 139-152.	1.8	17
96	Keratinocytes contribute intrinsically to psoriasis upon loss of <i>Tnfr1</i> function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6162-E6171.	3.3	62
97	Exogenous remodeling of lung resident macrophages protects against infectious consequences of bone marrow-suppressive chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6153-E6161.	3.3	16
98	Telomerase Expression by Aberrant Methylation of the TERT Promoter in Melanoma Arising in Giant Congenital Nevi. <i>Journal of Investigative Dermatology</i> , 2016, 136, 339-342.	0.3	36
99	Autoimmune susceptibility imposed by public TCR $\beta$ chains. <i>Scientific Reports</i> , 2016, 6, 37543.	1.6	14
100	Antibody-secreting cells in respiratory tract tissues in the absence of eosinophils as supportive partners. <i>International Immunology</i> , 2016, 28, 559-564.	1.8	5
101	DAI Senses Influenza A Virus Genomic RNA and Activates RIPK3-Dependent Cell Death. <i>Cell Host and Microbe</i> , 2016, 20, 674-681.	5.1	292
102	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. <i>Science Immunology</i> , 2016, 1, .	5.6	464
103	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. <i>Nature Communications</i> , 2016, 7, 12353.	5.8	37
104	DOCK2 confers immunity and intestinal colonization resistance to <i>Citrobacter rodentium</i> infection. <i>Scientific Reports</i> , 2016, 6, 27814.	1.6	20
105	Autophagy enforces functional integrity of regulatory T cells by coupling environmental cues and metabolic homeostasis. <i>Nature Immunology</i> , 2016, 17, 277-285.	7.0	357
106	The Hemagglutinin Stem-Binding Monoclonal Antibody VIS410 Controls Influenza Virus-Induced Acute Respiratory Distress Syndrome. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2118-2131.	1.4	46
107	Interleukin-35 Limits Anti-Tumor Immunity. <i>Immunity</i> , 2016, 44, 316-329.	6.6	230
108	Multikinase Inhibitors Induce Cutaneous Toxicity through OAT6-Mediated Uptake and MAP3K7-Driven Cell Death. <i>Cancer Research</i> , 2016, 76, 117-126.	0.4	36

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109	IL-33 regulates the IgA-microbiota axis to restrain IL-1 $\beta$ -dependent colitis and tumorigenesis. <i>Journal of Clinical Investigation</i> , 2016, 126, 4469-4481.	3.9	165
110	Competitive Fitness of Influenza B Viruses Possessing E119A and H274Y Neuraminidase Inhibitor Resistance-Associated Substitutions in Ferrets. <i>PLoS ONE</i> , 2016, 11, e0159847.	1.1	9
111	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. <i>PLoS Pathogens</i> , 2016, 12, e1005804.	2.1	37
112	Non-invasive Imaging of Sendai Virus Infection in Pharmacologically Immunocompromised Mice: NK and T Cells, but not Neutrophils, Promote Viral Clearance after Therapy with Cyclophosphamide and Dexamethasone. <i>PLoS Pathogens</i> , 2016, 12, e1005875.	2.1	14
113	Non-Myeloablative TLI/ATG + Alkylator Conditioning Augments Bidirectional Immune Tolerance Via Regulatory MDSC in a Robust Murine Model of MHC-Mismatched BMT for Beta-Thalassemia. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, S346.	2.0	1
114	Diacylglycerol Lipase $\beta$ Knockout Mice Demonstrate Metabolic and Behavioral Phenotypes Similar to Those of Cannabinoid Receptor 1 Knockout Mice. <i>Frontiers in Endocrinology</i> , 2015, 6, 86.	1.5	40
115	Relationships among Dissemination of Primary Parainfluenza Virus Infection in the Respiratory Tract, Mucosal and Peripheral Immune Responses, and Protection from Reinfection: a Noninvasive Bioluminescence-Imaging Study. <i>Journal of Virology</i> , 2015, 89, 3568-3583.	1.5	10
116	Control of IL-17 receptor signaling and tissue inflammation by the p38 $\beta$ -MKP-1 signaling axis in a mouse model of multiple sclerosis. <i>Science Signaling</i> , 2015, 8, ra24.	1.6	27
117	Malformation of Incisor Teeth in <i>Grem2</i> Mice. <i>Veterinary Pathology</i> , 2015, 52, 224-229.	0.8	25
118	Acute Lung Injury Results from Innate Sensing of Viruses by an ER Stress Pathway. <i>Cell Reports</i> , 2015, 11, 1591-1603.	2.9	48
119	IL-10 engages macrophages to shift Th17 cytokine dependency and pathogenicity during T-cell-mediated colitis. <i>Nature Communications</i> , 2015, 6, 6131.	5.8	50
120	Treg cells require the phosphatase PTEN to restrain TH1 and TFH cell responses. <i>Nature Immunology</i> , 2015, 16, 178-187.	7.0	309
121	Concerted Activation of the AIM2 and NLRP3 Inflammasomes Orchestrates Host Protection against <i>Aspergillus</i> Infection. <i>Cell Host and Microbe</i> , 2015, 17, 357-368.	5.1	227
122	Critical Role for the DNA Sensor AIM2 in Stem Cell Proliferation and Cancer. <i>Cell</i> , 2015, 162, 45-58.	13.5	266
123	Drak2 is not required for tumor surveillance and suppression. <i>International Immunology</i> , 2015, 27, 161-166.	1.8	13
124	The NLRP12 Sensor Negatively Regulates Autoinflammatory Disease by Modulating Interleukin-4 Production in T Cells. <i>Immunity</i> , 2015, 42, 654-664.	6.6	91
125	An NLRP3 inflammasome-triggered Th2-biased adaptive immune response promotes leishmaniasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 1329-1338.	3.9	113
126	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by <i>Francisella</i> infection. <i>Nature Immunology</i> , 2015, 16, 467-475.	7.0	291



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127	Nephronophthisis and Retinal Degeneration in <i>Tmem218</i> Mice. <i>Veterinary Pathology</i> , 2015, 52, 580-595.	0.8	13
128	Maternal bile acid transporter deficiency promotes neonatal demise. <i>Nature Communications</i> , 2015, 6, 8186.	5.8	34
129	<i>GREMLIN 2</i> Mutations and Dental Anomalies. <i>Journal of Dental Research</i> , 2015, 94, 1646-1652.	2.5	49
130	Ligation of mouse L4 and L5 spinal nerves produces robust allodynia without major motor function deficit. <i>Behavioural Brain Research</i> , 2015, 276, 99-110.	1.2	24
131	Nonstructural Protein 1 (NS1)-Mediated Inhibition of c-Abl Results in Acute Lung Injury and Priming for Bacterial Co-infections: Insights Into 1918 H1N1 Pandemic?. <i>Journal of Infectious Diseases</i> , 2015, 211, 1418-1428.	1.9	14
132	Genetic Deletion of Mst1 Alters T Cell Function and Protects against Autoimmunity. <i>PLoS ONE</i> , 2014, 9, e98151.	1.1	41
133	Activation of Sonic hedgehog signaling in neural progenitor cells promotes glioma development in the zebrafish optic pathway. <i>Oncogenesis</i> , 2014, 3, e96-e96.	2.1	33
134	A Novel Cytotoxic Sequence Contributes to Influenza A Viral Protein PB1-F2 Pathogenicity and Predisposition to Secondary Bacterial Infection. <i>Journal of Virology</i> , 2014, 88, 503-515.	1.5	42
135	Reactive Oxygen Species Regulate Caspase-11 Expression and Activation of the Non-canonical NLRP3 Inflammasome during Enteric Pathogen Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004410.	2.1	79
136	A live-attenuated pneumococcal vaccine elicits CD <sup>4</sup> <sup>+</sup> T <sub>H</sub> cell dependent class switching and provides serotype independent protection against acute otitis media. <i>EMBO Molecular Medicine</i> , 2014, 6, 141-154.	3.3	38
137	<i>Salmonella</i> exploits NLRP12-dependent innate immune signaling to suppress host defenses during infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 385-390.	3.3	122
138	Critical role for inflammasome-independent IL-1 $\beta$ production in osteomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1066-1071.	3.3	107
139	Cutting Edge: STING Mediates Protection against Colorectal Tumorigenesis by Governing the Magnitude of Intestinal Inflammation. <i>Journal of Immunology</i> , 2014, 193, 4779-4782.	0.4	115
140	Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. <i>Journal of Virology</i> , 2014, 88, 12982-12991.	1.5	36
141	The Weaned Pig as a Model for Doxorubicin-Induced Mucositis. <i>Chemotherapy</i> , 2014, 60, 24-36.	0.8	21
142	Dietary modulation of the microbiome affects autoinflammatory disease. <i>Nature</i> , 2014, 516, 246-249.	13.7	258
143	IL-10 modulates DSS-induced colitis through a macrophage ROS <sup>+</sup> NO axis. <i>Mucosal Immunology</i> , 2014, 7, 869-878.	2.7	160
144	Negative regulation of the NLRP3 inflammasome by A20 protects against arthritis. <i>Nature</i> , 2014, 512, 69-73.	13.7	419

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145	Regulatory T Cells Limit Induction of Protective Immunity and Promote Immune Pathology following Intestinal Helminth Infection. <i>Journal of Immunology</i> , 2014, 192, 2904-2912.	0.4	50
146	High-throughput screening of mouse gene knockouts identifies established and novel skeletal phenotypes. <i>Bone Research</i> , 2014, 2, 14034.	5.4	90
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