

Piper M Treuting

List of Publications by Citations

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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.

84
papers

10,937
citations

37
h-index

89
g-index

89
ext. papers

12,924
ext. citations

12.1
avg, IF

5.83
L-index

#	Paper	IF	Citations
84	Regulatory T cell-derived interleukin-10 limits inflammation at environmental interfaces. <i>Immunity</i> , 2008 , 28, 546-58	32.3	1079
83	A comparative encyclopedia of DNA elements in the mouse genome. <i>Nature</i> , 2014 , 515, 355-64	50.4	1026
82	Caspase-1-induced pyroptosis is an innate immune effector mechanism against intracellular bacteria. <i>Nature Immunology</i> , 2010 , 11, 1136-42	19.1	852
81	CD4+ regulatory T cells control TH17 responses in a Stat3-dependent manner. <i>Science</i> , 2009 , 326, 986-91	33.3	756
80	Regulatory T-cell suppressor program co-opts transcription factor IRF4 to control T(H)2 responses. <i>Nature</i> , 2009 , 458, 351-6	50.4	702
79	Interleukin-10 signaling in regulatory T cells is required for suppression of Th17 cell-mediated inflammation. <i>Immunity</i> , 2011 , 34, 566-78	32.3	609
78	Extrathymically generated regulatory T cells control mucosal TH2 inflammation. <i>Nature</i> , 2012 , 482, 395-9	50.4	602
77	A Distinct Function of Regulatory T Cells in Tissue Protection. <i>Cell</i> , 2015 , 162, 1078-89	56.2	517
76	Extrathymic generation of regulatory T cells in placental mammals mitigates maternal-fetal conflict. <i>Cell</i> , 2012 , 150, 29-38	56.2	432
75	Derivation of naive human embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4484-9	11.5	344
74	Altering the distribution of Foxp3(+) regulatory T cells results in tissue-specific inflammatory disease. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1335-47	16.6	316
73	Isoforms of RNA-Editing Enzyme ADAR1 Independently Control Nucleic Acid Sensor MDA5-Driven Autoimmunity and Multi-organ Development. <i>Immunity</i> , 2015 , 43, 933-44	32.3	241
72	Polyglutamine-expanded ataxin-7 antagonizes CRX function and induces cone-rod dystrophy in a mouse model of SCA7. <i>Neuron</i> , 2001 , 31, 913-27	13.9	219
71	Cutting Edge: cGAS Is Required for Lethal Autoimmune Disease in the Trex1-Deficient Mouse Model of Aicardi-Goutières Syndrome. <i>Journal of Immunology</i> , 2015 , 195, 1939-43	5.3	211
70	Stability and function of regulatory T cells expressing the transcription factor T-bet. <i>Nature</i> , 2017 , 546, 421-425	50.4	189
69	Mouse regulatory DNA landscapes reveal global principles of cis-regulatory evolution. <i>Science</i> , 2014 , 346, 1007-12	33.3	184
68	Transient rapamycin treatment can increase lifespan and healthspan in middle-aged mice. <i>ELife</i> , 2016 , 5,	8.9	184

67	IL-1 β signaling promotes CNS-intrinsic immune control of West Nile virus infection. <i>PLoS Pathogens</i> , 2012 , 8, e1003039	7.6	178
66	Lipidomic profiling of influenza infection identifies mediators that induce and resolve inflammation. <i>Cell</i> , 2013 , 154, 213-27	56.2	174
65	DNA polymerase epsilon and delta proofreading suppress discrete mutator and cancer phenotypes in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 17101-17105	11.5	170
64	Conservation of trans-acting circuitry during mammalian regulatory evolution. <i>Nature</i> , 2014 , 515, 365-70	50.4	164
63	Runx-CBFbeta complexes control expression of the transcription factor Foxp3 in regulatory T cells. <i>Nature Immunology</i> , 2009 , 10, 1170-7	19.1	156
62	25-Hydroxycholesterol acts as an amplifier of inflammatory signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10666-71	11.5	150
61	Engineered probiotics for local tumor delivery of checkpoint blockade nanobodies. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	104
60	Reduction of age-associated pathology in old mice by overexpression of catalase in mitochondria. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008 , 63, 813-22	6.4	102
59	A mechanism for expansion of regulatory T-cell repertoire and its role in self-tolerance. <i>Nature</i> , 2015 , 528, 132-136	50.4	96
58	Increased dietary vitamin D suppresses MAPK signaling, colitis, and colon cancer. <i>Cancer Research</i> , 2014 , 74, 4398-408	10.1	87
57	Mutation at the polymerase active site of mouse DNA polymerase delta increases genomic instability and accelerates tumorigenesis. <i>Molecular and Cellular Biology</i> , 2007 , 27, 7669-82	4.8	84
56	The chymase mouse mast cell protease 4 degrades TNF, limits inflammation, and promotes survival in a model of sepsis. <i>American Journal of Pathology</i> , 2012 , 181, 875-86	5.8	78
55	Practical pathology of aging mice. <i>Pathobiology of Aging & Age Related Diseases</i> , 2011 , 1,	1.3	70
54	Genetic diversity in the collaborative cross model recapitulates human West Nile virus disease outcomes. <i>MBio</i> , 2015 , 6, e00493-15	7.8	61
53	High-fat diet-induced obesity exacerbates inflammatory bowel disease in genetically susceptible Mdr1a ^{-/-} male mice. <i>Journal of Nutrition</i> , 2013 , 143, 1240-7	4.1	61
52	Murine norovirus: an intercurrent variable in a mouse model of bacteria-induced inflammatory bowel disease. <i>Comparative Medicine</i> , 2008 , 58, 522-33	1.6	57
51	miR-144 attenuates the host response to influenza virus by targeting the TRAF6-IRF7 signaling axis. <i>PLoS Pathogens</i> , 2017 , 13, e1006305	7.6	53
50	ATF3 regulates MCMV infection in mice by modulating IFN-gamma expression in natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2544-9	11.5	53

49	A multiantigen vaccine targeting neu, IGFBP-2, and IGF-IR prevents tumor progression in mice with preinvasive breast disease. <i>Cancer Prevention Research</i> , 2013 , 6, 1273-82	3.2	52
48	Inhibition of retinoic acid biosynthesis by the bisdichloroacetyldiamine WIN 18,446 markedly suppresses spermatogenesis and alters retinoid metabolism in mice. <i>Journal of Biological Chemistry</i> , 2014 , 289, 15104-17	5.4	49
47	Defensins Potentiate a Neutralizing Antibody Response to Enteric Viral Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005474	7.6	37
46	A Mouse Model of Chronic West Nile Virus Disease. <i>PLoS Pathogens</i> , 2016 , 12, e1005996	7.6	34
45	Interleukin-7 receptor blockade suppresses adaptive and innate inflammatory responses in experimental colitis. <i>Journal of Inflammation</i> , 2012 , 9, 39	6.7	31
44	Characterization of dextran sodium sulfate-induced inflammation and colonic tumorigenesis in Smad3(-/-) mice with dysregulated TGF β . <i>PLoS ONE</i> , 2013 , 8, e79182	3.7	28
43	Suppression of lethal autoimmunity by regulatory T cells with a single TCR specificity. <i>Journal of Experimental Medicine</i> , 2017 , 214, 609-622	16.6	27
42	CFTR dysregulation drives active selection of the gut microbiome. <i>PLoS Pathogens</i> , 2020 , 16, e1008251	7.6	27
41	CD11b(+) Mononuclear Cells Mitigate Hyperoxia-Induced Lung Injury in Neonatal Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 273-83	5.7	23
40	Retinoic acid receptor beta2 inhibition of metastasis in mouse mammary gland xenografts. <i>Breast Cancer Research and Treatment</i> , 2002 , 72, 79-88	4.4	22
39	Effects of murine norovirus infection on a mouse model of diet-induced obesity and insulin resistance. <i>Comparative Medicine</i> , 2010 , 60, 189-95	1.6	21
38	Indocyanine green nanoparticles undergo selective lymphatic uptake, distribution and retention and enable detailed mapping of lymph vessels, nodes and abnormalities. <i>Journal of Drug Targeting</i> , 2018 , 26, 494-504	5.4	20
37	STING is required for host defense against neuropathological West Nile virus infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007899	7.6	20
36	Mouse Necropsy. <i>Current Protocols in Mouse Biology</i> , 2015 , 5, 223-233	1.1	17
35	Case series: acute tumor lysis syndrome in mutator mice with disseminated lymphoblastic lymphoma. <i>Toxicologic Pathology</i> , 2010 , 38, 476-85	2.1	16
34	Rodent intestinal epithelial carcinogenesis: pathology and preclinical models. <i>Toxicologic Pathology</i> , 2014 , 42, 148-61	2.1	14
33	Infection with murine norovirus 4 does not alter Helicobacter-induced inflammatory bowel disease in Il10(-/-) mice. <i>Comparative Medicine</i> , 2014 , 64, 256-63	1.6	14
32	Lack of effect of murine norovirus infection on a mouse model of bacteria-induced colon cancer. <i>Comparative Medicine</i> , 2011 , 61, 219-26	1.6	13

31	Pharmacological inhibition of ALDH1A enzymes suppresses weight gain in a mouse model of diet-induced obesity. <i>Obesity Research and Clinical Practice</i> , 2018 , 12, 93-101	5.4	11
30	Pathology is a critical aspect of preclinical aging studies. <i>Pathobiology of Aging & Age Related Diseases</i> , 2013 , 3,	1.3	10
29	Natural history of tumor growth and immune modulation in common spontaneous murine mammary tumor models. <i>Breast Cancer Research and Treatment</i> , 2014 , 148, 501-10	4.4	9
28	Obstructive Lymphangitis Precedes Colitis in Murine Norovirus-Infected Stat1-Deficient Mice. <i>American Journal of Pathology</i> , 2018 , 188, 1536-1554	5.8	8
27	Pathology of wild Norway rats in Vancouver, Canada. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019 , 31, 184-199	1.5	7
26	Humanized TLR7/8 expression drives proliferative multisystemic histiocytosis in C57BL/6 mice. <i>PLoS ONE</i> , 2014 , 9, e107257	3.7	7
25	An Introduction to Pathology in Biomedical Research: A Mission-Critical Specialty for Reproducibility and Rigor in Translational Research. <i>ILAR Journal</i> , 2018 , 59, 1-3	1.7	6
24	PPAR β exacerbates necroptosis, leading to increased mortality in postinfluenza bacterial superinfection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15789-15798	11.5	5
23	Repeated Intraperitoneal Administration of Low-Concentration Methylcellulose Leads to Systemic Histologic Lesions Without Loss of Preclinical Phenotype. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 371, 25-35	4.7	5
22	Lesions associated with <i>Eucoleus</i> sp. in the non-glandular stomach of wild urban rats (<i>Rattus norvegicus</i>). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2014 , 3, 95-101	2.6	5
21	The Effect of Mouse Strain, Sex, and Carcinogen Dose on Toxicity and the Development of Lung Dysplasia and Squamous Cell Carcinomas in Mice. <i>Cancer Prevention Research</i> , 2019 , 12, 507-516	3.2	4
20	Training mouse pathologists: ten years of workshops on the Pathology of Mouse Models of Human Disease. <i>Toxicologic Pathology</i> , 2012 , 40, 823-5	2.1	4
19	Pathology Study Design, Conduct, and Reporting to Achieve Rigor and Reproducibility in Translational Research Using Animal Models. <i>ILAR Journal</i> , 2018 , 59, 4-12	1.7	4
18	Lagomorpha 2018 , 481-498		4
17	The devil is in the details-Host disease and co-infections are associated with zoonotic pathogen carriage in Norway rats (<i>Rattus norvegicus</i>). <i>Zoonoses and Public Health</i> , 2019 , 66, 622-635	2.9	3
16	Hepatic Lipidosis in a Research Colony of Big Brown Bats (<i>Eptesicus fuscus</i>). <i>Comparative Medicine</i> , 2015 , 65, 133-9	1.6	3
15	Pathology in practice. Adenocarcinoma of the proventriculus with liver metastasis and marked, diffuse chronic-active proventriculitis and ventriculitis with moderate <i>M. ornithogaster</i> infection in a budgerigar. <i>Journal of the American Veterinary Medical Association</i> , 2014 , 244, 667-9	1	2
14	Author response: Transient rapamycin treatment can increase lifespan and healthspan in middle-aged mice 2016 ,		2

13	Training mouse pathologists: 16 annual workshop on the pathology of mouse models of human disease. <i>Lab Animal</i> , 2018 , 47, 38-40	0.4	2
12	Oral Cavity and Teeth 2012 , 95-110		1
11	Protective Effects of ALDH1A Enzyme Inhibition on -Induced Colitis in Smad3 Mice are Associated with Altered α Integrin Expression on Activated T Cells. <i>Nutrients</i> , 2020 , 12,	6.7	1
10	Effect of Chronic Vitamin D Deficiency on the Development and Severity of DSS-Induced Colon Cancer in Mice. <i>Comparative Medicine</i> , 2020 , 70, 120-130	1.6	1
9	What Is Your Neurologic Diagnosis? Myelopathy in the region of T3 through L2. <i>Journal of the American Veterinary Medical Association</i> , 2016 , 248, 883-5	1	1
8	Rodentia 2018 , 499-515		1
7	Effects of Stocking Density on Stress Response and Susceptibility to Infectious Hematopoietic Necrosis Virus in Rainbow Trout. <i>Journal of the American Association for Laboratory Animal Science</i> , 2021 , 60, 637-645	1.3	0
6	Training mouse pathologists: 15 years of workshops on the pathology of mouse models of human disease. <i>Lab Animal</i> , 2017 , 46, 204-206	0.4	
5	Proliferative Cartilaginous Lesions in the Calcaneal Tendons of huNOG Mice. <i>Toxicologic Pathology</i> , 2017 , 45, 952-956	2.1	
4	Determining Cause of Death and Contributing Causes of Death in Rodent Aging Studies 2018 , 195-209		
3	Polymerase delta and epsilon proofreading cooperate with MMR to suppress lethal mutations and cancer in mice. <i>FASEB Journal</i> , 2010 , 24, 491.1	0.9	
2	Lack of Effect of Murine Norovirus Infection on the CD4 CD45RB T-cell Adoptive Transfer Mouse Model of Inflammatory Bowel Disease. <i>Comparative Medicine</i> , 2020 , 70, 16-24	1.6	
1	The Gastrointestinal Tract 2021 , 259-283		