

Wyne P Lee

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

11,340
citations

201674

27
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

15878
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryopyrin activates the inflammasome in response to toxins and ATP. <i>Nature</i> , 2006, 440, 228-232.	27.8	2,663
2	Caspase-11 cleaves gasdermin D for non-canonical inflammasome signalling. <i>Nature</i> , 2015, 526, 666-671.	27.8	2,622
3	Non-canonical inflammasome activation targets caspase-11. <i>Nature</i> , 2011, 479, 117-121.	27.8	2,072
4	Noncanonical Inflammasome Activation by Intracellular LPS Independent of TLR4. <i>Science</i> , 2013, 341, 1246-1249.	12.6	1,223
5	Interleukin-22 alleviates metabolic disorders and restores mucosal immunity in diabetes. <i>Nature</i> , 2014, 514, 237-241.	27.8	363
6	Specific Btk inhibition suppresses B cell- and myeloid cell-mediated arthritis. <i>Nature Chemical Biology</i> , 2011, 7, 41-50.	8.0	302
7	Transcriptional programming of dendritic cells for enhanced MHC class II antigen presentation. <i>Nature Immunology</i> , 2014, 15, 161-167.	14.5	224
8	Therapeutic antibodies reveal Notch control of transdifferentiation in the adult lung. <i>Nature</i> , 2015, 528, 127-131.	27.8	185
9	OTULIN limits cell death and inflammation by deubiquitinating LUBAC. <i>Nature</i> , 2018, 559, 120-124.	27.8	151
10	Caspase-11 auto-proteolysis is crucial for noncanonical inflammasome activation. <i>Journal of Experimental Medicine</i> , 2018, 215, 2279-2288.	8.5	117
11	Progranulin deficiency causes impairment of autophagy and TDP-43 accumulation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2611-2628.	8.5	101
12	RIP1 inhibition blocks inflammatory diseases but not tumor growth or metastases. <i>Cell Death and Differentiation</i> , 2020, 27, 161-175.	11.2	100
13	NF- κ B inducing kinase is a therapeutic target for systemic lupus erythematosus. <i>Nature Communications</i> , 2018, 9, 179.	12.8	98
14	Coordinated ubiquitination and phosphorylation of RIP1 regulates necroptotic cell death. <i>Cell Death and Differentiation</i> , 2017, 24, 26-37.	11.2	95
15	Transcription factor Ets2 is essential for the maintenance of alveolar type II cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3903-3908.	7.1	94
16	An Allosteric Anti-tryptase Antibody for the Treatment of Mast Cell-Mediated Severe Asthma. <i>Cell</i> , 2019, 179, 417-431.e19.	28.9	76
17	IL-22R Ligands IL-20, IL-22, and IL-24 Promote Wound Healing in Diabetic db/db Mice. <i>PLoS ONE</i> , 2017, 12, e0170639.	2.5	74
18	IL-33 amplifies an innate immune response in the degenerating retina. <i>Journal of Experimental Medicine</i> , 2016, 213, 189-207.	8.5	68

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19	Integration of innate immune signalling by caspase-8 cleavage of N4BP1. <i>Nature</i> , 2020, 587, 275-280.	27.8	67
20	Btk-specific inhibition blocks pathogenic plasma cell signatures and myeloid cell-associated damage in IFN γ -driven lupus nephritis. <i>JCI Insight</i> , 2017, 2, e90111.	5.0	65
21	A TRPA1 inhibitor suppresses neurogenic inflammation and airway contraction for asthma treatment. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	56
22	Regulation of T Cell Receptor Signaling by DENND1B in T H 2 Cells and Allergic Disease. <i>Cell</i> , 2016, 164, 141-155.	28.9	53
23	Dual B Cell Immunotherapy Is Superior to Individual Anti-CD20 Depletion or BAFF Blockade in Murine Models of Spontaneous or Accelerated Lupus. <i>Arthritis and Rheumatology</i> , 2015, 67, 215-224.	5.6	48
24	Classical and alternative complement activation on photoreceptor outer segments drives monocyte-dependent retinal atrophy. <i>Scientific Reports</i> , 2018, 8, 7348.	3.3	44
25	Behavioral characterization of a CRISPR-generated TRPA1 knockout rat in models of pain, itch, and asthma. <i>Scientific Reports</i> , 2020, 10, 979.	3.3	43
26	The Ox40/Ox40 Ligand Pathway Promotes Pathogenic Th Cell Responses, Plasmablast Accumulation, and Lupus Nephritis in NZB/W F1 Mice. <i>Journal of Immunology</i> , 2017, 199, 1238-1249.	0.8	36
27	Inhibition of the kinase ITK in a mouse model of asthma reduces cell death and fails to inhibit the inflammatory response. <i>Science Signaling</i> , 2015, 8, ra122.	3.6	35
28	PILR α Negatively Regulates Mouse Inflammatory Arthritis. <i>Journal of Immunology</i> , 2014, 193, 860-870.	0.8	28
29	Tumor suppressor BAP1 is essential for thymic development and proliferative responses of T lymphocytes. <i>Science Immunology</i> , 2018, 3, .	11.9	25
30	LACC1 Regulates TNF and IL-17 in Mouse Models of Arthritis and Inflammation. <i>Journal of Immunology</i> , 2019, 202, 183-193.	0.8	25
31	Autoimmunity-associated protein tyrosine phosphatase PEP negatively regulates IFN- γ receptor signaling. <i>Journal of Experimental Medicine</i> , 2015, 212, 1081-1093.	8.5	24
32	Lung-restricted inhibition of Janus kinase 1 is effective in rodent models of asthma. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	24
33	The kinase IRAK4 promotes endosomal TLR and immune complex signaling in B cells and plasmacytoid dendritic cells. <i>Science Signaling</i> , 2020, 13, .	3.6	22
34	Tetrahydrofuran-Based Transient Receptor Potential Ankyrin 1 (TRPA1) Antagonists: Ligand-Based Discovery, Activity in a Rodent Asthma Model, and Mechanism-of-Action via Cryogenic Electron Microscopy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3843-3869.	6.4	22
35	Micro-CT imaging and structural analysis of glomeruli in a model of Adriamycin-induced nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F76-F89.	2.7	21
36	Combined blockade of the IL-13 and IL-33 pathways leads to a greater inhibition of type 2 inflammation over inhibition of either pathway alone. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 705-708.e6.	2.9	19

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37	The Tumor Suppressor BAP1 Regulates the Hippo Pathway in Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2020, 80, 1656-1668.	0.9	18
38	The peptide symporter SLC15a4 is essential for the development of systemic lupus erythematosus in murine models. <i>PLoS ONE</i> , 2021, 16, e0244439.	2.5	17
39	The tumor suppressor <i>BAP1</i> cooperates with <i>BRAFV600E</i> to promote tumor formation in cutaneous melanoma. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 269-279.	3.3	9
40	Reply to "On the differentiation of mouse IgE+ cells". <i>Nature Immunology</i> , 2012, 13, 623-624.	14.5	6
41	Steroid-induced fibroblast growth factors drive an epithelial-mesenchymal inflammatory axis in severe asthma. <i>Science Translational Medicine</i> , 2022, 14, eabl8146.	12.4	2
42	A Rationally Engineered Hyperactive Actin-Resistant DNase1-Fc Fusion Protein Ameliorates Autoimmune Glomerulonephritis. <i>FASEB Journal</i> , 2019, 33, 802.10.	0.5	0
43	CLEC5a-directed bispecific antibody for effective cellular phagocytosis. <i>MAbs</i> , 2022, 14, 2040083.	5.2	0
44	Activation-Induced Cytidine Deaminase Impacts the Primary Antibody Repertoire in Naive Mice. <i>Journal of Immunology</i> , 2022, 208, 2632-2642.	0.8	0