

# Chuan Wu

## List of Publications by Year in descending order

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51  
papers

8,157  
citations

101384

36  
h-index

197535

49  
g-index

54  
all docs

54  
docs citations

54  
times ranked

14133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal IL-33 promotes platelet activity for neutrophil recruitment during acute inflammation. <i>Blood</i> , 2022, 139, 1878-1891.	0.6	12
2	Mucus sialylation determines intestinal host-commensal homeostasis. <i>Cell</i> , 2022, 185, 1172-1188.e28.	13.5	66
3	A T cell resilience model associated with response to immunotherapy in multiple tumor types. <i>Nature Medicine</i> , 2022, 28, 1421-1431.	15.2	23
4	Interleukin-33 Promotes Serotonin Release from Enterochromaffin Cells for Intestinal Homeostasis. <i>Immunity</i> , 2021, 54, 151-163.e6.	6.6	69
5	Farnesyl pyrophosphate is a new danger signal inducing acute cell death. <i>PLoS Biology</i> , 2021, 19, e3001134.	2.6	10
6	Foxo1 controls gut homeostasis and commensalism by regulating mucus secretion. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	30
7	Gut-Innervating Nociceptor Neurons Regulate Peyer's Patch Microfold Cells and SFB Levels to Mediate Salmonella Host Defense. <i>Cell</i> , 2020, 180, 33-49.e22.	13.5	192
8	IRF4 and STAT3 activities are associated with the imbalanced differentiation of T-cells in responses to inhalable particulate matters. <i>Respiratory Research</i> , 2020, 21, 123.	1.4	3
9	Fc receptor-like 1 intrinsically recruits c-Abl to enhance B cell activation and function. <i>Science Advances</i> , 2019, 5, eaaw0315.	4.7	19
10	Epigenetic initiation of the T <sub>H</sub> 17 differentiation program is promoted by Cxxc finger protein 1. <i>Science Advances</i> , 2019, 5, eaax1608.	4.7	15
11	Dlg1 Maintains Dendritic Cell Function by Securing Voltage-Gated K <sup>+</sup> Channel Integrity. <i>Journal of Immunology</i> , 2019, 202, 3187-3197.	0.4	10
12	SGK1 Governs the Reciprocal Development of Th17 and Regulatory T Cells. <i>Cell Reports</i> , 2018, 22, 653-665.	2.9	78
13	Bone marrow laminins influence hematopoietic stem and progenitor cell cycling and homing to the bone marrow. <i>Matrix Biology</i> , 2018, 67, 47-62.	1.5	37
14	T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. <i>Cell</i> , 2018, 175, 1307-1320.e22.	13.5	388
15	The transcription factor musculin promotes the unidirectional development of peripheral Treg cells by suppressing the TH2 transcriptional program. <i>Nature Immunology</i> , 2017, 18, 344-353.	7.0	47
16	Homeostatic control of metabolic and functional fitness of Treg cells by LKB1 signalling. <i>Nature</i> , 2017, 548, 602-606.	13.7	143
17	Salt-responsive gut commensal modulates TH17 axis and disease. <i>Nature</i> , 2017, 551, 585-589.	13.7	896
18	RBPJ Controls Development of Pathogenic Th17 Cells by Regulating IL-23 Receptor Expression. <i>Cell Reports</i> , 2016, 16, 392-404.	2.9	87

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19	Protein C receptor (PROCR) is a negative regulator of Th17 pathogenicity. <i>Journal of Experimental Medicine</i> , 2016, 213, 2489-2501.	4.2	48
20	Tiam1/Rac1 complex controls Il17a transcription and autoimmunity. <i>Nature Communications</i> , 2016, 7, 13048.	5.8	38
21	Deletion of the gene <i>Pip4k2c</i> , a novel phosphatidylinositol kinase, results in hyperactivation of the immune system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7596-7601.	3.3	48
22	194 Interleukin-23 Receptor Signaling on CD4+ T Cells Is Required for Colitis Mediated by Interleukin-10 Receptor-Deficient Innate Immune Cells. <i>Gastroenterology</i> , 2016, 150, S51.	0.6	0
23	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
24	Sodium chloride inhibits the suppressive function of FOXP3+ regulatory T cells. <i>Journal of Clinical Investigation</i> , 2015, 125, 4212-4222.	3.9	268
25	Ezh2 Lines Up the Chromatin in T Regulatory Cells. <i>Immunity</i> , 2015, 42, 201-203.	6.6	20
26	An IL-27/NFIL3 signalling axis drives Tim-3 and IL-10 expression and T-cell dysfunction. <i>Nature Communications</i> , 2015, 6, 6072.	5.8	169
27	Focal MMP-2 and MMP-9 Activity at the Blood-Brain Barrier Promotes Chemokine-Induced Leukocyte Migration. <i>Cell Reports</i> , 2015, 10, 1040-1054.	2.9	160
28	DUBA-UBR5 axis: other than transactivation. <i>Cell Research</i> , 2015, 25, 273-274.	5.7	1
29	Salt Accelerates Allograft Rejection through Serum- and Glucocorticoid-Regulated Kinase-Dependent Inhibition of Regulatory T Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2341-2347.	3.0	43
30	CD5L/AIM Regulates Lipid Biosynthesis and Restrains Th17 Cell Pathogenicity. <i>Cell</i> , 2015, 163, 1413-1427.	13.5	313
31	Single-Cell Genomics Unveils Critical Regulators of Th17 Cell Pathogenicity. <i>Cell</i> , 2015, 163, 1400-1412.	13.5	504
32	IL-21 induces IL-22 production in CD4+ T cells. <i>Nature Communications</i> , 2014, 5, 3753.	5.8	134
33	Identification of a transcriptional regulator of pathogenicity of Th17 cells. <i>Journal of Neuroimmunology</i> , 2014, 275, 164.	1.1	0
34	Galectin-9-CD44 Interaction Enhances Stability and Function of Adaptive Regulatory T Cells. <i>Immunity</i> , 2014, 41, 270-282.	6.6	249
35	Small-Molecule ROR $\gamma$ t Antagonists Inhibit T Helper 17 Cell Transcriptional Network by Divergent Mechanisms. <i>Immunity</i> , 2014, 40, 477-489.	6.6	253
36	Extracellular matrix of secondary lymphoid organs impacts on B-cell fate and survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2915-24.	3.3	77

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37	In Vivo Processing of CXCL5 (LIX) by Matrix Metalloproteinase (MMP)-2 and MMP-9 Promotes Early Neutrophil Recruitment in IL-1 $\beta$ -Induced Peritonitis. <i>Journal of Immunology</i> , 2013, 190, 401-410.	0.4	80
38	Syndecan-1, a Cell Surface Proteoglycan, Negatively Regulates Initial Leukocyte Recruitment to the Brain across the Choroid Plexus in Murine Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2013, 191, 4551-4561.	0.4	52
39	Dynamic regulatory network controlling TH17 cell differentiation. <i>Nature</i> , 2013, 496, 461-468.	13.7	608
40	Induction of pathogenic TH17 cells by inducible salt-sensing kinase SGK1. <i>Nature</i> , 2013, 496, 513-517.	13.7	851
41	Metallothioneins negatively regulate IL-27-induced type 1 regulatory T-cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7802-7807.	3.3	48
42	IL-4 and Retinoic Acid Synergistically Induce Regulatory Dendritic Cells Expressing Aldh1a2. <i>Journal of Immunology</i> , 2013, 191, 3139-3151.	0.4	44
43	Defect in regulatory B-cell function and development of systemic autoimmunity in T-cell Ig mucin 1 (Tim-1) mucin domain-mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12105-12110.	3.3	125
44	Induction and molecular signature of pathogenic TH17 cells. <i>Nature Immunology</i> , 2012, 13, 991-999.	7.0	980
45	Plasticity of Ly-6Chi Myeloid Cells in T Cell Regulation. <i>Journal of Immunology</i> , 2011, 187, 2418-2432.	0.4	58
46	Role of the extracellular matrix in lymphocyte migration. <i>Cell and Tissue Research</i> , 2010, 339, 47-57.	1.5	59
47	Multiple Roles of the Extracellular Matrix in Inflammation. <i>Current Pharmaceutical Design</i> , 2009, 15, 1349-1357.	0.9	82
48	Endothelial basement membrane laminin $\beta$ 5 selectively inhibits T lymphocyte extravasation into the brain. <i>Nature Medicine</i> , 2009, 15, 519-527.	15.2	235
49	Sialoadhesin-Positive Macrophages Bind Regulatory T Cells, Negatively Controlling Their Expansion and Autoimmune Disease Progression. <i>Journal of Immunology</i> , 2009, 182, 6508-6516.	0.4	74
50	Characterization of a novel toxin-antitoxin module, VapBC, encoded by <i>Leptospira interrogans</i> chromosome. <i>Cell Research</i> , 2004, 14, 208-216.	5.7	35
51	Reciprocal Interactions Between Regulatory T Cells and Intestinal Epithelial Cells. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3