

Rui He

List of Publications by Year in descending order

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64
papers

3,908
citations

136950

32
h-index

138484

58
g-index

65
all docs

65
docs citations

65
times ranked

6534
citing authors

#	ARTICLE	IF	CITATIONS
1	FAP Promotes Immunosuppression by Cancer-Associated Fibroblasts in the Tumor Microenvironment via STAT3â€CCL2 Signaling. <i>Cancer Research</i> , 2016, 76, 4124-4135.	0.9	470
2	Animal Models of Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2009, 129, 31-40.	0.7	406
3	TSLP acts on infiltrating effector T cells to drive allergic skin inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11875-11880.	7.1	219
4	Chapter 3 Cellular and Molecular Mechanisms in Atopic Dermatitis. <i>Advances in Immunology</i> , 2009, 102, 135-226.	2.2	207
5	Thymic stromal lymphopoietin. <i>Annals of the New York Academy of Sciences</i> , 2010, 1183, 13-24.	3.8	192
6	Epicutaneous antigen exposure induces a Th17 response that drives airway inflammation after inhalation challenge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15817-15822.	7.1	179
7	Leukotriene B4-Driven Neutrophil Recruitment to the Skin Is Essential for Allergic Skin Inflammation. <i>Immunity</i> , 2012, 37, 747-758.	14.3	169
8	Chemerin aggravates DSS-induced colitis by suppressing M2 macrophage polarization. <i>Cellular and Molecular Immunology</i> , 2014, 11, 355-366.	10.5	123
9	Chemerin has a protective role in hepatocellular carcinoma by inhibiting the expression of IL-6 and GM-CSF and MDSC accumulation. <i>Oncogene</i> , 2017, 36, 3599-3608.	5.9	118
10	Exaggerated IL-17 response to epicutaneous sensitization mediates airway inflammation in the absence of IL-4 and IL-13. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 761-770.e1.	2.9	102
11	T regulatory cells and B cells cooperate to form a regulatory loop that maintains gut homeostasis and suppresses dextran sulfate sodium-induced colitis. <i>Mucosal Immunology</i> , 2015, 8, 1297-1312.	6.0	95
12	IL-17â€producing ST2+ group 2 innate lymphoid cells play a pathogenic role in lung inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 229-244.e9.	2.9	93
13	Large adipocytes function as antigen-presenting cells to activate CD4+ T cells via upregulating MHCII in obesity. <i>International Journal of Obesity</i> , 2016, 40, 112-120.	3.4	85
14	PKM2 promotes metastasis by recruiting myeloid-derived suppressor cells and indicates poor prognosis for hepatocellular carcinoma. <i>Oncotarget</i> , 2015, 6, 846-861.	1.8	84
15	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. <i>Journal of Experimental Medicine</i> , 2016, 213, 2147-2166.	8.5	79
16	CAFs shape myeloidâ€derived suppressor cells to promote stemness of intrahepatic cholangiocarcinoma through 5â€lipoxygenase. <i>Hepatology</i> , 2022, 75, 28-42.	7.3	77
17	Roles of micro<scp>RNA</scp>s in psoriasis: Immunological functions and potential biomarkers. <i>Experimental Dermatology</i> , 2017, 26, 359-367.	2.9	71
18	Promotion of tumor-associated macrophages infiltration by elevated neddylation pathway via NF-â€B-CCL2 signaling in lung cancer. <i>Oncogene</i> , 2019, 38, 5792-5804.	5.9	55

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19	BLT1-dependent Alveolar Recruitment of CD4 ⁺ CD25 ⁺ Foxp3 ⁺ Regulatory T Cells Is Important for Resolution of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 989-998.	5.6	54
20	Eosinophil-derived leukotriene C4 signals via type 2 cysteinyl leukotriene receptor to promote skin fibrosis in a mouse model of atopic dermatitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4992-4997.	7.1	51
21	Acyloxyacyl hydrolase promotes the resolution of lipopolysaccharide-induced acute lung injury. <i>PLoS Pathogens</i> , 2017, 13, e1006436.	4.7	51
22	The role of the LTB4-BLT1 axis in health and disease. <i>Pharmacological Research</i> , 2020, 158, 104857.	7.1	50
23	The prostaglandin D2 receptor CRTH2 is important for allergic skin inflammation after epicutaneous antigen challenge. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 784-790.	2.9	48
24	The complement component C3 plays a critical role in both TH1 and TH2 responses to antigen. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 1455-1461.	2.9	47
25	Ultraviolet B irradiation induces skin accumulation of plasmacytoid dendritic cells: A possible role for chemerin. <i>Autoimmunity</i> , 2014, 47, 185-192.	2.6	45
26	LPS inactivation by a host lipase allows lung epithelial cell sensitization for allergic asthma. <i>Journal of Experimental Medicine</i> , 2018, 215, 2397-2412.	8.5	44
27	Fibroblastic FAP promotes intrahepatic cholangiocarcinoma growth via MDSCs recruitment. <i>Neoplasia</i> , 2019, 21, 1133-1142.	5.3	44
28	Vaccinia virus inoculation in sites of allergic skin inflammation elicits a vigorous cutaneous IL-17 response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14954-14959.	7.1	43
29	IL-37 inhibits IL-4-induced CCL11 production and lung eosinophilia in murine allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1642-1652.	5.7	41
30	Thymic stromal lymphopoietin (TSLP) inhibits human colon tumor growth by promoting apoptosis of tumor cells. <i>Oncotarget</i> , 2016, 7, 16840-16854.	1.8	38
31	Chemerin suppresses murine allergic asthma by inhibiting CCL2 production and subsequent airway recruitment of inflammatory dendritic cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 763-774.	5.7	34
32	The leukotriene B4-leukotriene B4 receptor axis promotes cisplatin-induced acute kidney injury by modulating neutrophil recruitment. <i>Kidney International</i> , 2017, 92, 89-100.	5.2	34
33	Inhibition of K562 leukemia angiogenesis and growth by expression of antisense vascular endothelial growth factor (VEGF) sequence. <i>Cancer Gene Therapy</i> , 2003, 10, 879-886.	4.6	33
34	Non-hematopoietic STAT6 induces epithelial tight junction dysfunction and promotes intestinal inflammation and tumorigenesis. <i>Mucosal Immunology</i> , 2019, 12, 1304-1315.	6.0	33
35	A modified murine model of systemic sclerosis: bleomycin given by pump infusion induced skin and pulmonary inflammation and fibrosis. <i>Laboratory Investigation</i> , 2015, 95, 342-350.	3.7	32
36	BLT1 signaling in epithelial cells mediates allergic sensitization via promotion of IL-33 production. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 495-506.	5.7	30

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37	CCRL2 promotes antitumor T-cell immunity via amplifying TLR4-mediated immunostimulatory macrophage activation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30
38	CD1d restricted natural killer T cells are not required for allergic skin inflammation. Journal of Allergy and Clinical Immunology, 2006, 118, 1363-1368.	2.9	27
39	BLT1 Mediates Bleomycin-Induced Lung Fibrosis Independently of Neutrophils and CD4+ T Cells. Journal of Immunology, 2017, 198, 1673-1684.	0.8	27
40	Topical treatment of all-trans retinoic acid inhibits murine melanoma partly by promoting CD8 ⁺ T cell immunity. Immunology, 2017, 152, 287-297.	4.4	26
41	Leukotriene B ₄ leukotriene B ₄ receptor axis promotes oxazolone-induced contact dermatitis by directing skin homing of neutrophils and CD8 ⁺ T cells. Immunology, 2015, 146, 50-58.	4.4	24
42	Cadmium Activates Noncanonical Wnt Signaling to Impair Hematopoietic Stem Cell Function in Mice. Toxicological Sciences, 2018, 165, 254-266.	3.1	22
43	Plasmacytoid dendritic cells promote acute kidney injury by producing interferon- γ . Cellular and Molecular Immunology, 2021, 18, 219-229.	10.5	22
44	The chemerin-CMKLR1 axis limits thermogenesis by controlling a beige adipocyte/IL-33/type 2 innate immunity circuit. Science Immunology, 2021, 6, .	11.9	22
45	Promotion of Myofibroblast Differentiation and Tissue Fibrosis by the Leukotriene B ₄ Leukotriene B ₄ Receptor Axis in Systemic Sclerosis. Arthritis and Rheumatology, 2020, 72, 1013-1025.	5.6	17
46	Chemerin partly mediates tumor-inhibitory effect of all-trans retinoic acid via CMKLR1-dependent natural killer cell recruitment. Immunology, 2019, 157, 248-256.	4.4	16
47	Proinflammatory Effect of High Glucose Concentrations on HMrSV5 Cells via the Autocrine Effect of HMGB1. Frontiers in Physiology, 2017, 8, 762.	2.8	14
48	Diesel exhaust particle promotes tumor lung metastasis via the induction of BLT1-mediated neutrophilic lung inflammation. Cytokine, 2018, 111, 530-540.	3.2	13
49	Lead in Synergism With IFN γ Acts on Bone Marrow-Resident Macrophages to Increase the Quiescence of Hematopoietic Stem Cells. Toxicological Sciences, 2021, 180, 369-382.	3.1	13
50	Diarylheptanoid from rhizomes of Curcuma kwangsiensis (DCK) inhibited imiquimod-induced dendritic cells activation and Th1/Th17 differentiation. International Immunopharmacology, 2018, 56, 339-348.	3.8	11
51	Five-day water-only fasting decreased metabolic syndrome risk factors and increased anti-aging biomarkers without toxicity in a clinical trial of normal-weight individuals. Clinical and Translational Medicine, 2021, 11, e502.	4.0	11
52	Endoplasmic reticulum stress exacerbates inflammation in chronic rhinosinusitis with nasal polyps via the transcription factor XBP1. Clinical Immunology, 2021, 223, 108659.	3.2	10
53	Epithelial chemerin-CMKLR1 signaling restricts microbiota-driven colonic neutrophilia and tumorigenesis by up-regulating lactoperoxidase. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
54	Chemerin deficiency regulates adipogenesis is depot different through TIMP1. Genes and Diseases, 2021, 8, 698-708.	3.4	8

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55	Talabostat Alleviates Obesity and Associated Metabolic Dysfunction via Suppression of Macrophage-Driven Adipose Inflammation. <i>Obesity</i> , 2021, 29, 327-336.	3.0	7
56	Leukotriene B4 Driven Neutrophil Recruitment to the Skin Is Essential for Allergic Skin Inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, AB102.	2.9	1
57	Inadequate activation of the HBsAg-specific Th cells by APCs leads to hyporesponsiveness to HBsAg vaccine in B10.S mice. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1735-1743.	3.3	1
58	Endothelial bioreactor system ameliorates multiple organ dysfunction in septic rats. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 23.	1.9	1
59	A Murine Model of Eczema Vaccinatum. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, S201.	2.9	0
60	TH-17-Associated Cytokines in Atopic Dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S37-S37.	2.9	0
61	Epicutaneous Antigen Challenge of Orally Sensitized Mice Elicits Allergic Dermatitis by Redirecting $\hat{\pm}4\hat{1}^{27}$ Gut Homing T Cells to the Skin. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S70-S70.	2.9	0
62	Eosinophil Derived LTC4 Acts Via CysLT2R to Promote Skin Thickening and Collagen Deposition in a Mouse Model of Allergic Skin Inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, AB145.	2.9	0
63	TSLP is important in the effector phase of allergic skin inflammation. <i>FASEB Journal</i> , 2008, 22, 671.6.	0.5	0
64	STAT6 Induces MLCK1-Dependent Epithelial Tight Junction Dysfunction and Promotes Intestinal Inflammation and Tumorigenesis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0