

# 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	CAFs shape myeloid-derived suppressor cells to promote stemness of intrahepatic cholangiocarcinoma through 5-lipoxygenase. <i>Hepatology</i> , 2022, 75, 28-42.	7.3	77
2	Epithelial chemerin-CMKLR1 signaling restricts microbiota-driven colonic neutrophilia and tumorigenesis by up-regulating lactoperoxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	9
3	Chemerin deficiency regulates adipogenesis is depot different through TIMP1. <i>Genes and Diseases</i> , 2021, 8, 698-708.	3.4	8
4	Talabostat Alleviates Obesity and Associated Metabolic Dysfunction via Suppression of Macrophage-Driven Adipose Inflammation. <i>Obesity</i> , 2021, 29, 327-336.	3.0	7
5	Plasmacytoid dendritic cells promote acute kidney injury by producing interferon- $\gamma$ . <i>Cellular and Molecular Immunology</i> , 2021, 18, 219-229.	10.5	22
6	Endoplasmic reticulum stress exacerbates inflammation in chronic rhinosinusitis with nasal polyps via the transcription factor XBP1. <i>Clinical Immunology</i> , 2021, 223, 108659.	3.2	10
7	CCRL2 promotes antitumor T-cell immunity via amplifying TLR4-mediated immunostimulatory macrophage activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	30
8	Five-day water-only fasting decreased metabolic syndrome risk factors and increased antiaging biomarkers without toxicity in a clinical trial of normal-weight individuals. <i>Clinical and Translational Medicine</i> , 2021, 11, e502.	4.0	11
9	The chemerin-CMKLR1 axis limits thermogenesis by controlling a beige adipocyte/IL-33/type 2 innate immunity circuit. <i>Science Immunology</i> , 2021, 6, .	11.9	22
10	Lead in Synergism With IFN $\gamma$ Acts on Bone Marrow-Resident Macrophages to Increase the Quiescence of Hematopoietic Stem Cells. <i>Toxicological Sciences</i> , 2021, 180, 369-382.	3.1	13
11	Promotion of Myofibroblast Differentiation and Tissue Fibrosis by the Leukotriene B <sub>4</sub> Receptor Axis in Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2020, 72, 1013-1025.	5.6	17
12	The role of the LTB <sub>4</sub> -BLT1 axis in health and disease. <i>Pharmacological Research</i> , 2020, 158, 104857.	7.1	50
13	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
14	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
15	Promotion of tumor-associated macrophages infiltration by elevated neddylation pathway via NF- $\kappa$ B-CCL2 signaling in lung cancer. <i>Oncogene</i> , 2019, 38, 5792-5804.	5.9	55
16	Chemerin partly mediates tumor-inhibitory effect of all-trans retinoic acid via CMKLR1-dependent natural killer cell recruitment. <i>Immunology</i> , 2019, 157, 248-256.	4.4	16
17	Fibroblastic FAP promotes intrahepatic cholangiocarcinoma growth via MDSCs recruitment. <i>Neoplasia</i> , 2019, 21, 1133-1142.	5.3	44
18	IL-17-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

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19	Diarylheptanoid from rhizomes of <i>Curcuma kwangsiensis</i> (DCK) inhibited imiquimod-induced dendritic cells activation and Th1/Th17 differentiation. <i>International Immunopharmacology</i> , 2018, 56, 339-348.	3.8	11
20	IL-37 inhibits IL-4/IL-13-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
21	Cadmium Activates Noncanonical Wnt Signaling to Impair Hematopoietic Stem Cell Function in Mice. <i>Toxicological Sciences</i> , 2018, 165, 254-266.	3.1	22
22	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
23	Diesel exhaust particle promotes tumor lung metastasis via the induction of BLT1-mediated neutrophilic lung inflammation. <i>Cytokine</i> , 2018, 111, 530-540.	3.2	13
24	BLT1 Mediates Bleomycin-Induced Lung Fibrosis Independently of Neutrophils and CD4+ T Cells. <i>Journal of Immunology</i> , 2017, 198, 1673-1684.	0.8	27
25	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
26	Topical treatment of all-trans retinoic acid inhibits murine melanoma partly by promoting CD8 <sup>+</sup> T cell immunity. <i>Immunology</i> , 2017, 152, 287-297.	4.4	26
27	The leukotriene B4 <sup>+</sup> 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
28	Roles of microRNAs in psoriasis: Immunological functions and potential biomarkers. <i>Experimental Dermatology</i> , 2017, 26, 359-367.	2.9	71
29	Proinflammatory Effect of High Glucose Concentrations on HMrSV5 Cells via the Autocrine Effect of HMGB1. <i>Frontiers in Physiology</i> , 2017, 8, 762.	2.8	14
30	Acyloxyacyl hydrolase promotes the resolution of lipopolysaccharide-induced acute lung injury. <i>PLoS Pathogens</i> , 2017, 13, e1006436.	4.7	51
31	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
32	FAP Promotes Immunosuppression by Cancer-Associated Fibroblasts in the Tumor Microenvironment via STAT3/CCL2 Signaling. <i>Cancer Research</i> , 2016, 76, 4124-4135.	0.9	470
33	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
34	Endothelial bioreactor system ameliorates multiple organ dysfunction in septic rats. <i>Intensive Care Medicine Experimental</i> , 2016, 4, 23.	1.9	1
35	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
36	Leukotriene B <sub>4</sub> <sup>+</sup> leukotriene B <sub>4</sub> receptor axis promotes oxazolone-induced contact dermatitis by directing skin homing of neutrophils and CD <sup>8</sup> T cells. <i>Immunology</i> , 2015, 146, 50-58.	4.4	24

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37	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
38	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
39	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
40	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
41	Chemerin aggravates DSS-induced colitis by suppressing M2 macrophage polarization. <i>Cellular and Molecular Immunology</i> , 2014, 11, 355-366.	10.5	123
42	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
43	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
44	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
45	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
46	Leukotriene B4-Driven Neutrophil Recruitment to the Skin Is Essential for Allergic Skin Inflammation. <i>Immunity</i> , 2012, 37, 747-758.	14.3	169
47	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
48	BLT1-dependent Alveolar Recruitment of CD4 <sup>+</sup> CD25 <sup>+</sup> Foxp3 <sup>+</sup> 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
49	Thymic stromal lymphopoietin. <i>Annals of the New York Academy of Sciences</i> , 2010, 1183, 13-24.	3.8	192
50	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
51	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
52	Animal Models of Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2009, 129, 31-40.	0.7	406
53	Chapter 3 Cellular and Molecular Mechanisms in Atopic Dermatitis. <i>Advances in Immunology</i> , 2009, 102, 135-226.	2.2	207
54	TH-17-Associated Cytokines in Atopic Dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S37-S37.	2.9	0

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55	Epicutaneous Antigen Challenge of Orally Sensitized Mice Elicits Allergic Dermatitis by Redirecting Gut Homing T Cells to the Skin. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, S70-S70.	2.9	0
56	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
57	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
58	TSLP is important in the effector phase of allergic skin inflammation. <i>FASEB Journal</i> , 2008, 22, 671.6.	0.5	0
59	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
60	A Murine Model of Eczema Vaccinatum. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, S201.	2.9	0
61	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
62	CD1d restricted natural killer T cells are not required for allergic skin inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1363-1368.	2.9	27
63	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
64	STAT6 Induces MLCK1-Dependent Epithelial Tight Junction Dysfunction and Promotes Intestinal Inflammation and Tumorigenesis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0