

# Xiaohuan Guo

## List of Publications by Year in descending order

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50  
papers

3,029  
citations

236925

25  
h-index

197818

49  
g-index

53  
all docs

53  
docs citations

53  
times ranked

4411  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Aryl Hydrocarbon Receptor Regulates Gut Immunity through Modulation of Innate Lymphoid Cells. <i>Immunity</i> , 2012, 36, 92-104.	14.3	694
2	Group 3 Innate Lymphoid Cells Inhibit T-Cell-Mediated Intestinal Inflammation through Aryl Hydrocarbon Receptor Signaling and Regulation of Microflora. <i>Immunity</i> , 2013, 39, 386-399.	14.3	343
3	Gut microbial metabolites facilitate anticancer therapy efficacy by modulating cytotoxic CD8+ T cell immunity. <i>Cell Metabolism</i> , 2021, 33, 988-1000.e7.	16.2	264
4	Induction of Innate Lymphoid Cell-Derived Interleukin-22 by the Transcription Factor STAT3 Mediates Protection against Intestinal Infection. <i>Immunity</i> , 2014, 40, 25-39.	14.3	221
5	Lymphotoxin Controls the IL-22 Protection Pathway in Gut Innate Lymphoid Cells during Mucosal Pathogen Challenge. <i>Cell Host and Microbe</i> , 2011, 10, 44-53.	11.0	180
6	CD160 is essential for NK-mediated IFN- $\gamma$ production. <i>Journal of Experimental Medicine</i> , 2015, 212, 415-429.	8.5	116
7	Innate Lymphoid Cells Control Early Colonization Resistance against Intestinal Pathogens through ID2-Dependent Regulation of the Microbiota. <i>Immunity</i> , 2015, 42, 731-743.	14.3	102
8	IL-17 $\alpha$ -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
9	Modulation of heme oxygenase in tissue injury and its implication in protection against gastrointestinal diseases. <i>Life Sciences</i> , 2001, 69, 3113-3119.	4.3	81
10	Involvement of neutrophils and free radicals in the potentiating effects of passive cigarette smoking on inflammatory bowel disease in rats. <i>Gastroenterology</i> , 1999, 117, 884-892.	1.3	76
11	The ETS1 transcription factor is required for the development and cytokine-induced expansion of ILC2. <i>Journal of Experimental Medicine</i> , 2016, 213, 687-696.	8.5	75
12	Differential secretion of catecholamines in response to peptidergic and cholinergic transmitters in rat adrenals. <i>Journal of Physiology</i> , 1994, 475, 539-545.	2.9	66
13	A novel 3p22.3 gene CMTM7 represses oncogenic EGFR signaling and inhibits cancer cell growth. <i>Oncogene</i> , 2014, 33, 3109-3118.	5.9	64
14	Stimulation of Cl- secretion by extracellular ATP does not depend on increased cytosolic Ca $^{2+}$ in HT-29.cl16E. <i>American Journal of Physiology - Cell Physiology</i> , 1995, 269, C1457-C1463.	4.6	41
15	Histone benzoylation serves as an epigenetic mark for DPF and YEATS family proteins. <i>Nucleic Acids Research</i> , 2021, 49, 114-126.	14.5	39
16	VSTM1-v2, a novel soluble glycoprotein, promotes the differentiation and activation of Th17 cells. <i>Cellular Immunology</i> , 2012, 278, 136-142.	3.0	38
17	Activation of DR3 signaling causes loss of ILC3s and exacerbates intestinal inflammation. <i>Nature Communications</i> , 2019, 10, 3371.	12.8	34
18	Cardiovascular benefits of reducing personal exposure to traffic-related noise and particulate air pollution: A randomized crossover study in the Beijing subway system. <i>Indoor Air</i> , 2018, 28, 777-786.	4.3	33

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19	CMTM5 induces apoptosis of pancreatic cancer cells and has synergistic effects with TNF- $\alpha$ . <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 139-142.	2.1	30
20	The CKLF1-C19 peptide attenuates allergic lung inflammation by inhibiting CCR3- and CCR4-mediated chemotaxis in a mouse model of asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 287-297.	5.7	30
21	Aggravating Effect of Cigarette Smoke Exposure on Experimental Colitis Is Associated with Leukotriene B <sub>4</sub> and Reactive Oxygen Metabolites. <i>Digestion</i> , 2001, 63, 180-187.	2.3	29
22	CMTM5-v1 induces apoptosis in cervical carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 866-871.	2.1	29
23	Protective role of cyclooxygenase inhibitors in the adverse action of passive cigarette smoking on the initiation of experimental colitis in rats. <i>European Journal of Pharmacology</i> , 2001, 411, 193-203.	3.5	27
24	The emerging roles of exosomal circRNAs in diseases. <i>Clinical and Translational Oncology</i> , 2021, 23, 1020-1033.	2.4	27
25	LT $\beta$ R controls thymic portal endothelial cells for haematopoietic progenitor cell homing and T-cell regeneration. <i>Nature Communications</i> , 2016, 7, 12369.	12.8	26
26	Association of size-fractionated indoor particulate matter and black carbon with heart rate variability in healthy elderly women in Beijing. <i>Indoor Air</i> , 2018, 28, 373-382.	4.3	26
27	Aberrant expression of CKLF-like MARVEL transmembrane member 5 (CMTM5) by promoter methylation in myeloid leukemia. <i>Leukemia Research</i> , 2011, 35, 771-776.	0.8	23
28	Single-cell profiling of human CD127+ innate lymphoid cells reveals diverse immune phenotypes in hepatocellular carcinoma. <i>Hepatology</i> , 2022, 76, 1013-1029.	7.3	21
29	CMTM5-v1, a four-transmembrane protein, presents a secreted form released via a vesicle-mediated secretory pathway. <i>BMB Reports</i> , 2010, 43, 182-187.	2.4	20
30	A mitochondrial STAT3-methionine metabolism axis promotes ILC2-driven allergic lung inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 2091-2104.	2.9	20
31	Tumor-derived Jagged1 promotes cancer progression through immune evasion. <i>Cell Reports</i> , 2022, 38, 110492.	6.4	18
32	The colonic macrophage transcription factor RBPJ orchestrates intestinal immunity against bacterial pathogens. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	17
33	Purification and Adoptive Transfer of Group 3 Gut Innate Lymphoid Cells. <i>Methods in Molecular Biology</i> , 2016, 1422, 189-196.	0.9	13
34	The Interaction between Lymphoid Tissue Inducer-Like Cells and T Cells in the Mesenteric Lymph Node Restrains Intestinal Humoral Immunity. <i>Cell Reports</i> , 2020, 32, 107936.	6.4	13
35	Suppression of ELF4 in ulcerative colitis predisposes host to colorectal cancer. <i>IScience</i> , 2021, 24, 102169.	4.1	13
36	Pharmacological Evidence that Calcium is Not Required for P <sub>2</sub> -Receptor-Stimulated Cl <sup>-</sup> Secretion in HT29-Cl.16E. <i>Journal of Membrane Biology</i> , 1997, 155, 239-246.	2.1	11

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37	Type 3 innate lymphoid cell-derived lymphotoxin prevents microbiota-dependent inflammation. <i>Cellular and Molecular Immunology</i> , 2018, 15, 697-709.	10.5	11
38	Cutting Edge: Lymphotoxin Signaling Is Essential for Clearance of <i>Salmonella</i> from the Gut Lumen and Generation of Anti- <i>Salmonella</i> Protective Immunity. <i>Journal of Immunology</i> , 2017, 198, 55-60.	0.8	9
39	V-set and transmembrane domain-containing 1 is silenced in human hematopoietic malignancy cell lines with promoter methylation and has inhibitory effects on cell growth. <i>Molecular Medicine Reports</i> , 2015, 11, 1344-1351.	2.4	8
40	Group 3 Innate Lymphoid Cells Protect the Host from the Uropathogenic <i>Escherichia coli</i> Infection in the Bladder. <i>Advanced Science</i> , 2022, 9, e2103303.	11.2	8
41	Potentiating effect of passive cigarette smoking on gastrointestinal damage induced by indomethacin in rats. <i>Digestive Diseases and Sciences</i> , 1999, 44, 896-902.	2.3	7
42	Impaired synaptic vesicle recycling contributes to presynaptic dysfunction in lipoprotein lipase-deficient mice. <i>Neuroscience</i> , 2014, 280, 275-281.	2.3	7
43	Dynamic change of circulating innate and adaptive lymphocytes subtypes during a cascade of gastric lesions. <i>Journal of Leukocyte Biology</i> , 2022, 112, 931-938.	3.3	6
44	Lipoprotein lipase deficiency leads to $\alpha$ -synuclein aggregation and ubiquitin C-terminal hydrolase L1 reduction. <i>Neuroscience</i> , 2015, 290, 1-10.	2.3	5
45	A mouse model of <i>Citrobacter rodentium</i> oral infection and evaluation of innate and adaptive immune responses. <i>STAR Protocols</i> , 2020, 1, 100218.	1.2	5
46	The tragic fate of group 3 innate lymphoid cells during HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2015, 125, 3430-3432.	8.2	4
47	Postural change from lateral to supine is an important mechanism enhancing cephalic spread after injection of intrathecal 0.5% plain bupivacaine for cesarean section. <i>International Journal of Obstetric Anesthesia</i> , 2015, 24, 308-312.	0.4	3
48	The impaired development of innate lymphoid cells by preterm birth is associated with the infant disease. <i>Science Bulletin</i> , 2021, 66, 421-424.	9.0	2
49	Editorial: Deciphering the Microbiome-Immunity-Cancer Axis. <i>Frontiers in Immunology</i> , 2022, 13, 897811.	4.8	1
50	GERIATRIC ANESTHESIA FOR ORTHOPEDIC SURGERY IN CHINA-CHALLENGE VS. EXPLORATION. <i>Innovation in Aging</i> , 2017, 1, 1241-1241.	0.1	0