

Hui Peng

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,469
citations

361413

20
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

3550
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockade of the checkpoint receptor TIGIT prevents NK cell exhaustion and elicits potent anti-tumor immunity. <i>Nature Immunology</i> , 2018, 19, 723-732.	14.5	716
2	Liver-resident NK cells confer adaptive immunity in skin-contact inflammation. <i>Journal of Clinical Investigation</i> , 2013, 123, 1444-1456.	8.2	470
3	Liver natural killer cells: subsets and roles in liver immunity. <i>Cellular and Molecular Immunology</i> , 2016, 13, 328-336.	10.5	150
4	Liver-Resident NK Cells Control Antiviral Activity of Hepatic T Cells via the PD-1-PD-L1 Axis. <i>Immunity</i> , 2019, 50, 403-417.e4.	14.3	114
5	Diversity of tissue-resident NK cells. <i>Seminars in Immunology</i> , 2017, 31, 3-10.	5.6	97
6	METTL3-mediated m6A RNA methylation promotes the anti-tumour immunity of natural killer cells. <i>Nature Communications</i> , 2021, 12, 5522.	12.8	96
7	Differential phenotypic and functional properties of liver-resident NK cells and mucosal ILC1s. <i>Journal of Autoimmunity</i> , 2016, 67, 29-35.	6.5	90
8	Liver type 1 innate lymphoid cells develop locally via an interferon- β dependent loop. <i>Science</i> , 2021, 371, .	12.6	64
9	Natural Killer Cell Memory: Progress and Implications. <i>Frontiers in Immunology</i> , 2017, 8, 1143.	4.8	58
10	Memory formation and long-term maintenance of IL-7R α ⁺ ILC1s via a lymph node-liver axis. <i>Nature Communications</i> , 2018, 9, 4854.	12.8	54
11	Breakdown of adaptive immunotolerance induces hepatocellular carcinoma in HBsAg-tg mice. <i>Nature Communications</i> , 2019, 10, 221.	12.8	54
12	Identification of novel inhibitors of BCR-ABL tyrosine kinase via virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3693-3699.	2.2	52
13	Liver-resident NK cells and their potential functions. <i>Cellular and Molecular Immunology</i> , 2017, 14, 890-894.	10.5	52
14	Re-examining the origin and function of liver-resident NK cells. <i>Trends in Immunology</i> , 2015, 36, 293-299.	6.8	50
15	Innate lymphoid cell memory. <i>Cellular and Molecular Immunology</i> , 2019, 16, 423-429.	10.5	49
16	Tissue-Resident Natural Killer Cells. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 149-156.	1.1	40
17	Contribution of inhibitory receptor TIGIT to NK cell education. <i>Journal of Autoimmunity</i> , 2017, 81, 1-12.	6.5	40
18	NK cells in liver homeostasis and viral hepatitis. <i>Science China Life Sciences</i> , 2018, 61, 1477-1485.	4.9	31

#	ARTICLE	IF	CITATIONS
19	CD62L Is Critical for Maturation and Accumulation of Murine Hepatic NK Cells in Response to Viral Infection. <i>Journal of Immunology</i> , 2013, 190, 4255-4262.	0.8	27
20	Ly49E separates liver ILC1s into embryo-derived and postnatal subsets with different functions. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	25
21	NK Cell Trafficking in Health and Autoimmunity:A Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2014, 47, 119-127.	6.5	24
22	Tissue-resident NK cells and other innate lymphoid cells. <i>Advances in Immunology</i> , 2020, 145, 37-53.	2.2	19
23	Requirement of ROR γ for maintenance and antitumor immunity of liver-resident natural killer cells/ILC1s. <i>Hepatology</i> , 2022, 75, 1181-1193.	7.3	19
24	Tissue-resident natural killer cells in the livers. <i>Science China Life Sciences</i> , 2016, 59, 1218-1223.	4.9	16
25	Tissue-resident memory-like ILCs: innate counterparts of TRM cells. <i>Protein and Cell</i> , 2020, 11, 85-96.	11.0	14
26	CD8+ T Cells Promote Maturation of Liver-resident NK Cells Through the CD70-CD27 axis. <i>Hepatology</i> , 2019, 70, 1804-1815.	7.3	13
27	CD49a+CD49b+ NK cells induced by viral infection reflect an activated state of conventional NK cells. <i>Science China Life Sciences</i> , 2020, 63, 1725-1733.	4.9	12
28	Immunological memory: ILC1s come into view. <i>Cellular and Molecular Immunology</i> , 2019, 16, 895-896.	10.5	9
29	Generating CD8 α ^{hi} IELs from two sources of thymic precursors. <i>Cellular and Molecular Immunology</i> , 2018, 15, 640-641.	10.5	8
30	A novel spleen-resident immature NK cell subset and its maturation in a T-bet-dependent manner. <i>Journal of Autoimmunity</i> , 2019, 105, 102307.	6.5	4
31	Heterogeneity of liver NK cells. <i>Scientia Sinica Vitae</i> , 2023, 53, 250-261.	0.3	1