Zhigang Tian

List of Publications by Year
in descending order

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203	16,126	25034	20358
papers	citations	57 h-index	116 g-index

205	205	205	24064
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional exhaustion of antiviral lymphocytes in COVID-19 patients. Cellular and Molecular Immunology, 2020, 17, 533-535.	10.5	1,450
2	Pathogenic T-cells and inflammatory monocytes incite inflammatory storms in severe COVID-19 patients. National Science Review, 2020, 7, 998-1002.	9.5	854
3	Dopamine Controls Systemic Inflammation through Inhibition of NLRP3 Inflammasome. Cell, 2015, 160, 62-73.	28.9	753
4	Blockade of the checkpoint receptor TIGIT prevents NK cell exhaustion and elicits potent anti-tumor immunity. Nature Immunology, 2018, 19, 723-732.	14.5	716
5	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
6	Tissue-resident natural killer (NK) cells are cell lineages distinct from thymic and conventional splenic NK cells. ELife, 2014, 3, e01659.	6.0	478
7	Liver-resident NK cells confer adaptive immunity in skin-contact inflammation. Journal of Clinical Investigation, 2013, 123, 1444-1456.	8.2	470
8	Respiratory influenza virus infection induces intestinal immune injury via microbiota-mediated Th17 cellâ€“dependent inflammation. Journal of Experimental Medicine, 2014, 211, 2397-2410.	8.5	360
9	RNA viruses promote activation of the NLRP3 inflammasome through a RIP1-RIP3-DRP1 signaling pathway. Nature Immunology, 2014, 15, 1126-1133.	14.5	273
10	Natural killer cells promote immune tolerance by regulating inflammatory T_H17 cells at the human maternalâ€“fetal interface. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E231-40.	7.1	246
11	NK cell-based immunotherapy for cancer. Seminars in Immunology, 2017, 31, 37-54.	5.6	246
12	Natural killer cells in liver disease. Hepatology, 2013, 57, 1654-1662.	7.3	237
13	Impaired natural killer (NK) cell activity in leptin receptor deficient mice: leptin as a critical regulator in NK cell development and activation. Biochemical and Biophysical Research Communications, 2002, 298, 297-302.	2.1	235
14	HBV inhibits LPS-induced NLRP3 inflammasome activation and IL-1Î² production via suppressing the NF-ÎºB pathway and ROS production. Journal of Hepatology, 2017, 66, 693-702.	3.7	232
15	Natural Killer Cells Promote Fetal Development through the Secretion of Growth-Promoting Factors. Immunity, 2017, 47, 1100-1113.e6.	14.3	228
16	Dysfunction of Natural Killer Cells by FBP1-Induced Inhibition of Glycolysis during Lung Cancer Progression. Cell Metabolism, 2018, 28, 243-255.e5.	16.2	227
17	NK Cell Exhaustion. Frontiers in Immunology, 2017, 8, 760.	4.8	221
18	Human CD96 Correlates to Natural Killer Cell Exhaustion and Predicts the Prognosis of Human Hepatocellular Carcinoma. Hepatology, 2019, 70, 168-183.	7.3	209

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19	Developmental and Functional Control of Natural Killer Cells by Cytokines. Frontiers in Immunology, 2017, 8, 930.	4.8	203
20	High NKG2A expression contributes to NK cell exhaustion and predicts a poor prognosis of patients with liver cancer. OncoImmunology, 2017, 6, e1264562.	4.6	180
21	HBV-Induced Immune Imbalance in the Development of HCC. Frontiers in Immunology, 2019, 10, 2048.	4.8	174
22	CD11b and CD27 reflect distinct population and functional specialization in human natural killer cells. Immunology, 2011, 133, 350-359.	4.4	173
23	Chemotaxis-driven delivery of nano-pathogenoids for complete eradication of tumors post-phototherapy. Nature Communications, 2020, 11, 1126.	12.8	167
24	Exosomes mediate hepatitis B virus (HBV) transmission and NK-cell dysfunction. Cellular and Molecular Immunology, 2017, 14, 465-475.	10.5	163
25	Mitochondrial fragmentation limits NK cell-based tumor immunosurveillance. Nature Immunology, 2019, 20, 1656-1667.	14.5	156
26	Liver natural killer cells: subsets and roles in liver immunity. Cellular and Molecular Immunology, 2016, 13, 328-336.	10.5	150
27	Blocking the Natural Killer Cell Inhibitory Receptor NKG2A Increases Activity of Human Natural Killer Cells and Clears Hepatitis B Virus Infection in Mice. Gastroenterology, 2013, 144, 392-401.	1.3	148
28	NK cell receptor imbalance and NK cell dysfunction in HBV infection and hepatocellular carcinoma. Cellular and Molecular Immunology, 2015, 12, 292-302.	10.5	148
29	Remodelling of the gut microbiota by hyperactive NLRP3 induces regulatory T cells to maintain homeostasis. Nature Communications, 2017, 8, 1896.	12.8	147
30	Hypercytolytic activity of hepatic natural killer cells correlates with liver injury in chronic hepatitis B patients. Hepatology, 2011, 53, 73-85.	7.3	141
31	The microbiota maintain homeostasis of liver-resident Î³Î´T-17 cells in a lipid antigen/CD1d-dependent manner. Nature Communications, 2017, 8, 13839.	12.8	133
32	NK cell education via nonclassical MHC and non-MHC ligands. Cellular and Molecular Immunology, 2017, 14, 321-330.	10.5	131
33	Liver-Mediated Adaptive Immune Tolerance. Frontiers in Immunology, 2019, 10, 2525.	4.8	125
34	Invariant NKT cells promote alcohol-induced steatohepatitis through interleukin-1Î² in mice. Journal of Hepatology, 2015, 62, 1311-1318.	3.7	116
35	Liver-Resident NK Cells Control Antiviral Activity of Hepatic T Cells via the PD-1-PD-L1 Axis. Immunity, 2019, 50, 403-417.e4.	14.3	114
36	TH17 cells in human recurrent pregnancy loss and pre-eclampsia. Cellular and Molecular Immunology, 2014, 11, 564-570.	10.5	112

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37	NK Cell Dysfunction and Checkpoint Immunotherapy. Frontiers in Immunology, 2019, 10, 1999.	4.8	105
38	Tumor-released Galectin-3, a Soluble Inhibitory Ligand of Human NKp30, Plays an Important Role in Tumor Escape from NK Cell Attack. Journal of Biological Chemistry, 2014, 289, 33311-33319.	3.4	104
39	Regulatory NK cells in autoimmune disease. Journal of Autoimmunity, 2012, 39, 206-215.	6.5	101
40	Tissue-resident natural killer cells and their potential diversity. Seminars in Immunology, 2014, 26, 127-131.	5.6	99
41	Diversity of tissue-resident NK cells. Seminars in Immunology, 2017, 31, 3-10.	5.6	97
42	Phase separation drives RNA virus-induced activation of the NLRP6 inflammasome. Cell, 2021, 184, 5759-5774.e20.	28.9	97
43	METTL3-mediated m6A RNA methylation promotes the anti-tumour immunity of natural killer cells. Nature Communications, 2021, 12, 5522.	12.8	96
44	Î³Î´T Cells Drive Myeloid-Derived Suppressor Cellâ€“Mediated CD8+ T Cell Exhaustion in Hepatitis B Virusâ€“Induced Immunotolerance. Journal of Immunology, 2014, 193, 1645-1653.	0.8	93
45	Kupffer Cells Support Hepatitis B Virusâ€“Mediated CD8+ T Cell Exhaustion via Hepatitis B Core Antigenâ€“TLR2 Interactions in Mice. Journal of Immunology, 2015, 195, 3100-3109.	0.8	93
46	Accelerated liver fibrosis in hepatitis B virus transgenic mice: Involvement of natural killer T cells. Hepatology, 2011, 53, 219-229.	7.3	90
47	Differential phenotypic and functional properties of liver-resident NK cells and mucosal ILC1s. Journal of Autoimmunity, 2016, 67, 29-35.	6.5	90
48	Poly I:C prevents T cell-mediated hepatitis via an NK-dependent mechanism. Journal of Hepatology, 2006, 44, 446-454.	3.7	81
49	PDK1 orchestrates early NK cell development through induction of E4BP4 expression and maintenance of IL-15 responsiveness. Journal of Experimental Medicine, 2015, 212, 253-265.	8.5	80
50	Impaired lipid biosynthesis hinders anti-tumor efficacy of intratumoral iNKT cells. Nature Communications, 2020, 11, 438.	12.8	77
51	Pyroptotic macrophages stimulate the SARS-CoV-2-associated cytokine storm. Cellular and Molecular Immunology, 2021, 18, 1305-1307.	10.5	74
52	Oncofetal gene SALL4 reactivation by hepatitis B virus counteracts miR-200c in PD-L1-induced T cell exhaustion. Nature Communications, 2018, 9, 1241.	12.8	70
53	TIGIT safeguards liver regeneration through regulating natural killer cell-hepatocyte crosstalk. Hepatology, 2014, 60, 1389-1398.	7.3	68
54	The liver works as a school to educate regulatory immune cells. Cellular and Molecular Immunology, 2013, 10, 292-302.	10.5	67

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55	Influenza Vaccine Induces Intracellular Immune Memory of Human NK Cells. PLoS ONE, 2015, 10, e0121258.	2.5	67
56	Hepatectomy promotes recurrence of liver cancer by enhancing IL-11-STAT3 signaling. EBioMedicine, 2019, 46, 119-132.	6.1	66
57	Accumulation of Tumor-Infiltrating CD49a+ NK Cells Correlates with Poor Prognosis for Human Hepatocellular Carcinoma. Cancer Immunology Research, 2019, 7, 1535-1546.	3.4	66
58	Tumor Therapeutics Work as Stress Inducers to Enhance Tumor Sensitivity to Natural Killer (NK) Cell Cytolysis by Up-regulating NKp30 Ligand B7-H6. Journal of Biological Chemistry, 2015, 290, 29964-29973.	3.4	64
59	Liver type 1 innate lymphoid cells develop locally via an interferon-Î³â€“dependent loop. Science, 2021, 371, .	12.6	64
60	TLR9 Regulates the NF-ÎºBâ€“NLRP3â€“IL-1Î² Pathway Negatively in Salmonella-Induced NKG2D-Mediated Intestinal Inflammation. Journal of Immunology, 2017, 199, 761-773.	0.8	62
61	TLR4 signaling promotes a COX-2/PGE₂/STAT3 positive feedback loop in hepatocellular carcinoma (HCC) cells. OncoImmunology, 2016, 5, e1074376.	4.6	61
62	MicroRNA transcriptomes of distinct human NK cell populations identify miR-362-5p as an essential regulator of NK cell function. Scientific Reports, 2015, 5, 9993.	3.3	60
63	The predictive value of centre tumour CD8+ T cells in patients with hepatocellular carcinoma: comparison with Immunoscore. Oncotarget, 2015, 6, 35602-35615.	1.8	60
64	NK Cells Are the Crucial Antitumor Mediators When STAT3-Mediated Immunosuppression Is Blocked in Hepatocellular Carcinoma. Journal of Immunology, 2014, 193, 2016-2023.	0.8	59
65	Rapid method for protein quantitation by Bradford assay after elimination of the interference of polysorbate 80. Analytical Biochemistry, 2016, 494, 37-39.	2.4	59
66	Natural Killer Cell Memory: Progress and Implications. Frontiers in Immunology, 2017, 8, 1143.	4.8	58
67	Peripheral Dopamine Controlled by Gut Microbes Inhibits Invariant Natural Killer T Cell-Mediated Hepatitis. Frontiers in Immunology, 2018, 9, 2398.	4.8	57
68	Oral ampicillin inhibits liver regeneration by breaking hepatic innate immune tolerance normally maintained by gut commensal bacteria. Hepatology, 2015, 62, 253-264.	7.3	54
69	NK cell development requires Tsc1-dependent negative regulation of IL-15-triggered mTORC1 activation. Nature Communications, 2016, 7, 12730.	12.8	54
70	Respiratory Influenza Virus Infection Induces Memory-like Liver NK Cells in Mice. Journal of Immunology, 2017, 198, 1242-1252.	0.8	54
71	Memory formation and long-term maintenance of IL-7RÎ±+ ILC1s via a lymph node-liver axis. Nature Communications, 2018, 9, 4854.	12.8	54
72	Breakdown of adaptive immunotolerance induces hepatocellular carcinoma in HBsAg-tg mice. Nature Communications, 2019, 10, 221.	12.8	54

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73	PBX1 expression in uterine natural killer cells drives fetal growth. Science Translational Medicine, 2020, 12, .	12.4	54
74	Role of microbiota on lung homeostasis and diseases. Science China Life Sciences, 2017, 60, 1407-1415.	4.9	53
75	T-cell Ig and ITIM domain regulates natural killer cell activation in murine acute viral hepatitis. Hepatology, 2014, 59, 1715-1725.	7.3	51
76	The use of supercytokines, immunocytokines, engager cytokines, and other synthetic cytokines in immunotherapy. Cellular and Molecular Immunology, 2022, 19, 192-209.	10.5	51
77	Re-examining the origin and function of liver-resident NK cells. Trends in Immunology, 2015, 36, 293-299.	6.8	50
78	NK Cells Help Induce Antiâ€“Hepatitis B Virus CD8+ T Cell Immunity in Mice. Journal of Immunology, 2016, 196, 4122-4131.	0.8	50
79	TLR2 Limits Development of Hepatocellular Carcinoma by Reducing IL18-Mediated Immunosuppression. Cancer Research, 2015, 75, 986-995.	0.9	49
80	Innate lymphoid cell memory. Cellular and Molecular Immunology, 2019, 16, 423-429.	10.5	49
81	Innate lymphocytes: pathogenesis and therapeutic targets of liver diseases and cancer. Cellular and Molecular Immunology, 2021, 18, 57-72.	10.5	46
82	Î³Î´ T cells in liver diseases. Frontiers of Medicine, 2018, 12, 262-268.	3.4	45
83	TLR7/8 agonists promote NKâ€“DC cross-talk to enhance NK cell anti-tumor effects in hepatocellular carcinoma. Cancer Letters, 2015, 369, 298-306.	7.2	44
84	NK cell subsets in autoimmune diseases. Journal of Autoimmunity, 2017, 83, 22-30.	6.5	42
85	Immune Exhaustion of T Cells in Alveolar Echinococcosis Patients and Its Reversal by Blocking Checkpoint Receptor TIGIT in a Murine Model. Hepatology, 2020, 71, 1297-1315.	7.3	41
86	CXCR6 is required for antitumor efficacy of intratumoral CD8⁺ T cell. , 2021, 9, e003100.		41
87	Tissue-Resident Natural Killer Cells. Cold Spring Harbor Symposia on Quantitative Biology, 2013, 78, 149-156.	1.1	40
88	Contribution of inhibitory receptor TIGIT to NK cell education. Journal of Autoimmunity, 2017, 81, 1-12.	6.5	40
89	Interleukinâ€33 activates and recruits natural killer cells to inhibit pulmonary metastatic cancer development. International Journal of Cancer, 2020, 146, 1421-1434.	5.1	40
90	Hepatic NK cells attenuate fibrosis progression of nonâ€alcoholic steatohepatitis in dependent of CXCL10â€mediated recruitment. Liver International, 2020, 40, 598-608.	3.9	40

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91	Chimeric antigen receptor- and natural killer cell receptor-engineered innate killer cells in cancer immunotherapy. Cellular and Molecular Immunology, 2021, 18, 2083-2100.	10.5	40
92	Chronic Alcohol Consumption Promotes Diethylnitrosamine-Induced Hepatocarcinogenesis via Immune Disturbances. Scientific Reports, 2017, 7, 2567.	3.3	39
93	A long noncoding RNA positively regulates CD56 in human natural killer cells. Oncotarget, 2016, 7, 72546-72558.	1.8	39
94	Hepatitis B virus inhibits intrinsic RIG-I and RIG-G immune signaling via inducing miR146a. Scientific Reports, 2016, 6, 26150.	3.3	38
95	Structures of the fourÂIg-like domain LILRB2 and the four-domain LILRB1 and HLA-G1 complex. Cellular and Molecular Immunology, 2020, 17, 966-975.	10.5	38
96	Severe H7N9 Infection Is Associated with Decreased Antigen-Presenting Capacity of CD14+ Cells. PLoS ONE, 2014, 9, e92823.	2.5	37
97	Î³ÎT Cells Suppress Liver Fibrosis via Strong Cytolysis and Enhanced NK Cell-Mediated Cytotoxicity Against Hepatic Stellate Cells. Frontiers in Immunology, 2019, 10, 477.	4.8	36
98	Challenges of NK cell-based immunotherapy in the new era. Frontiers of Medicine, 2018, 12, 440-450.	3.4	34
99	LunX-CAR T Cells as a Targeted Therapy for Non-Small Cell Lung Cancer. Molecular Therapy - Oncolytics, 2020, 17, 361-370.	4.4	34
100	CD226 Protein Is Involved in Immune Synapse Formation and Triggers Natural Killer (NK) Cell Activation via Its First Extracellular Domain. Journal of Biological Chemistry, 2014, 289, 6969-6977.	3.4	33
101	Toll-Like Receptor 2 (TLR2) and TLR9 Play Opposing Roles in Host Innate Immunity against Salmonella enterica Serovar Typhimurium Infection. Infection and Immunity, 2015, 83, 1641-1649.	2.2	33
102	Limited Cross-Linking of 4-1BB by 4-1BB Ligand and the Agonist Monoclonal Antibody Utomilumab. Cell Reports, 2018, 25, 909-920.e4.	6.4	33
103	Natural Killer Cellâ€“Derived Interferonâ€Gamma Promotes Hepatocellular Carcinoma Through the Epithelial Cell Adhesion Moleculeâ€“Epithelialâ€toâ€Mesenchymal Transition Axis in Hepatitis B Virus Transgenic Mice. Hepatology, 2019, 69, 1735-1750.	7.3	33
104	CD205-TLR9-IL-12 axis contributes to CpG-induced oversensitive liver injury in HBsAg transgenic mice by promoting the interaction of NKT cells with Kupffer cells. Cellular and Molecular Immunology, 2017, 14, 675-684.	10.5	32
105	Deficiency of the AIM2â€“ASC Signal Uncovers the STING-Driven Overreactive Response of Type I IFN and Reciprocal Depression of Protective IFN-Î³ Immunity in Mycobacterial Infection. Journal of Immunology, 2018, 200, 1016-1026.	0.8	32
106	Reduced CD160 Expression Contributes to Impaired NK-cell Function and Poor Clinical Outcomes in Patients with HCC. Cancer Research, 2018, 78, 6581-6593.	0.9	32
107	Commensal Bacteria-Dependent CD8Î±Î²+ T Cells in the Intestinal Epithelium Produce Antimicrobial Peptides. Frontiers in Immunology, 2018, 9, 1065.	4.8	32
108	Restoration of HBV-specific CD8+ T-cell responses by sequential low-dose IL-2 treatment in non-responder patients after IFN-Î± therapy. Signal Transduction and Targeted Therapy, 2021, 6, 376.	17.1	32

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109	NK cells in liver homeostasis and viral hepatitis. Science China Life Sciences, 2018, 61, 1477-1485.	4.9	31
110	IL-17 constrains natural killer cell activity by restraining IL-15â€“driven cell maturation via SOCS3. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17409-17418.	7.1	30
111	Natural Killer Cell-Based Immunotherapy for Cancer: Advances and Prospects. Engineering, 2019, 5, 106-114.	6.7	30
112	Interferon-Î³ facilitates hepatic antiviral T cell retention for the maintenance of liver-induced systemic tolerance. Journal of Experimental Medicine, 2016, 213, 1079-1093.	8.5	29
113	M2-specific reduction of CD1d switches NKT cell-mediated immune responses and triggers metaflammation in adipose tissue. Cellular and Molecular Immunology, 2018, 15, 506-517.	10.5	29
114	Regulatory T cells ameliorate acetaminophen-induced immune-mediated liver injury. International Immunopharmacology, 2015, 25, 293-301.	3.8	27
115	Profiling of the immune repertoire in COVID-19 patients with mild, severe, convalescent, or retesting-positive status. Journal of Autoimmunity, 2021, 118, 102596.	6.5	27
116	Liver-resident NK cells suppress autoimmune cholangitis and limit the proliferation of CD4+ T cells. Cellular and Molecular Immunology, 2020, 17, 178-189.	10.5	26
117	Trispecific killer engager 161519 enhances natural killer cell function and provides anti-tumor activity against CD19-positive cancers. Cancer Biology and Medicine, 2020, 17, 1026-1038.	3.0	26
118	Involvement of NK Cells in IL-28Bâ€“Mediated Immunity against Influenza Virus Infection. Journal of Immunology, 2017, 199, 1012-1020.	0.8	25
119	STAT3 and NF-ÎºB are Simultaneously Suppressed in Dendritic Cells in Lung Cancer. Scientific Reports, 2017, 7, 45395.	3.3	25
120	Roles of Hepatic Innate and Innate-Like Lymphocytes in Nonalcoholic Steatohepatitis. Frontiers in Immunology, 2020, 11, 1500.	4.8	25
121	Rapamycin Pretreatment Rescues the Bone Marrow AML Cell Elimination Capacity of CAR-T Cells. Clinical Cancer Research, 2021, 27, 6026-6038.	7.0	25
122	Ly49E separates liver ILC1s into embryo-derived and postnatal subsets with different functions. Journal of Experimental Medicine, 2022, 219, .	8.5	25
123	Immunotherapy for Hepatoma Using a Dual-Function Vector with Both Immunostimulatory and Pim-3â€“Silencing Effects. Molecular Cancer Therapeutics, 2014, 13, 1503-1513.	4.1	24
124	Functional dichotomy of VÎ´2 Î³Î´ T cells in chronic hepatitis C virus infections: role in cytotoxicity but not for IFN-Î³ production. Scientific Reports, 2016, 6, 26296.	3.3	24
125	Commensal microbiota maintains alveolar macrophages with a low level of CCL24 production to generate anti-metastatic tumor activity. Scientific Reports, 2017, 7, 7471.	3.3	24
126	Suppression of Natural Killer Cell Activity by Regulatory NKT10 Cells Aggravates Alcoholic Hepatosteatosis. Frontiers in Immunology, 2017, 8, 1414.	4.8	24

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127	Commensal bacteria aggravate allergic asthma via NLRP3/IL-1Î² signaling in post-weaning mice. Journal of Autoimmunity, 2018, 93, 104-113.	6.5	24
128	Cis -acting lnc-Cxcl2 restrains neutrophil-mediated lung inflammation by inhibiting epithelial cell CXCL2 expression in virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
129	Targeting LUNX Inhibits Nonâ€“Small Cell Lung Cancer Growth and Metastasis. Cancer Research, 2015, 75, 1080-1090.	0.9	23
130	Interleukinâ€15 suppresses hepatitis <scp>B</scp> virus replication via <scp>IFN</scp>â€Î² production in a <scp>C</scp>57<scp>BL</scp>/6 mouse model. Liver International, 2012, 32, 1306-1314.	3.9	22
131	Interleukin 12 shows a better curative effect on lung cancer than paclitaxel and cisplatin doublet chemotherapy. BMC Cancer, 2016, 16, 665.	2.6	22
132	Immunometabolism regulates TCR recycling and iNKT cell functions. Science Signaling, 2019, 12, .	3.6	22
133	Involvement of TIGIT in Natural Killer Cell Exhaustion and Immune Escape in Patients and Mouse Model With Liver Echinococcus multilocularis Infection. Hepatology, 2021, 74, 3376-3393.	7.3	22
134	Gut-liver axis: gut microbiota in shaping hepatic innate immunity. Science China Life Sciences, 2017, 60, 1191-1196.	4.9	21
135	EpCAM Inhibition Sensitizes Chemoresistant Leukemia to Immune Surveillance. Cancer Research, 2017, 77, 482-493.	0.9	21
136	HBsAg-specific CD8+ T cells as an indispensable trigger to induce murine hepatocellular carcinoma. Cellular and Molecular Immunology, 2021, 18, 128-137.	10.5	21
137	Blockade of checkpoint receptor PVRIG unleashes anti-tumor immunity of NK cells in murine and human solid tumors. Journal of Hematology and Oncology, 2021, 14, 100.	17.0	21
138	â€œMulti-Omicsâ€•Analyses of the Development and Function of Natural Killer Cells. Frontiers in Immunology, 2017, 8, 1095.	4.8	20
139	TIPE2 is a checkpoint of natural killer cell maturation and antitumor immunity. Science Advances, 2021, 7, eabi6515.	10.3	20
140	Advances in NK cell production. Cellular and Molecular Immunology, 2022, 19, 460-481.	10.5	20
141	Natural killer cells in liver diseases. Frontiers of Medicine, 2018, 12, 269-279.	3.4	19
142	Tissue-resident NK cells and other innate lymphoid cells. Advances in Immunology, 2020, 145, 37-53.	2.2	19
143	Requirement of RORÎ± for maintenance and antitumor immunity of liverâ€resident natural killer cells/ILC1s. Hepatology, 2022, 75, 1181-1193.	7.3	19
144	Technical advances in NK cell-based cellular immunotherapy. Cancer Biology and Medicine, 2019, 16, 647-654.	3.0	19

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145	HBV suppresses expression of MICA/B on hepatoma cells through up-regulation of transcription factors GATA2 and GATA3 to escape from NK cell surveillance. Oncotarget, 2016, 7, 56107-56119.	1.8	17
146	Tissue-resident natural killer cells in the livers. Science China Life Sciences, 2016, 59, 1218-1223.	4.9	16
147	NKp30+ NK cells are associated with HBV control during pegylated-interferon-alpha-2b therapy of chronic hepatitis B. Scientific Reports, 2016, 6, 38778.	3.3	16
148	TLR2 Promotes Monocyte/Macrophage Recruitment Into the Liver and Microabscess Formation to Limit the Spread of Listeria Monocytogenes. Frontiers in Immunology, 2019, 10, 1388.	4.8	16
149	CD4+ T Cells Play a Critical Role in Microbiota-Maintained Anti-HBV Immunity in a Mouse Model. Frontiers in Immunology, 2019, 10, 927.	4.8	16
150	Landscape and Dynamics of the Transcriptional Regulatory Network During Natural Killer Cell Differentiation. Genomics, Proteomics and Bioinformatics, 2020, 18, 501-515.	6.9	16
151	Wnt2b attenuates HSCs activation and liver fibrosis through negative regulating TLR4 signaling. Scientific Reports, 2017, 7, 3952.	3.3	15
152	Activation of TLR Signaling in Sensitization-Recruited Inflammatory Monocytes Attenuates OVA-Induced Allergic Asthma. Frontiers in Immunology, 2018, 9, 2591.	4.8	15
153	Innate-like Lymphocytes and Innate Lymphoid Cells in Asthma. Clinical Reviews in Allergy and Immunology, 2020, 59, 359-370.	6.5	15
154	Impairment of hepatic NK cell development in IFN-Î³ deficient mice. Cytokine, 2012, 60, 616-625.	3.2	14
155	Tissue-resident memory-like ILCs: innate counterparts of TRM cells. Protein and Cell, 2020, 11, 85-96.	11.0	14
156	A modified HLA-A*0201-restricted CTL epitope from human oncoprotein (hPEBP4) induces more efficient antitumor responses. Cellular and Molecular Immunology, 2018, 15, 768-781.	10.5	13
157	HMBOX1 in hepatocytes attenuates LPS/D-GalN-induced liver injury by inhibiting macrophage infiltration and activation. Molecular Immunology, 2018, 101, 303-311.	2.2	13
158	CD8+ T Cells Promote Maturation of Liverâ€Resident NK Cells Through the CD70â€CD27 axis. Hepatology, 2019, 70, 1804-1815.	7.3	13
159	Serum inflammatory factors are positively correlated with the production of specific antibodies in coronavirus disease 2019 patients. Cellular and Molecular Immunology, 2020, 17, 1180-1182.	10.5	13
160	PBX1 promotes development of natural killer cells by binding directly to theNfil3promoter. FASEB Journal, 2020, 34, 6479-6492.	0.5	13
161	The Expression and Characterization of Functionally Active Soluble CD83 by Pichia pastoris Using High-Density Fermentation. PLoS ONE, 2014, 9, e89264.	2.5	12
162	How lung infection leads to gut injury. Oncotarget, 2015, 6, 42394-42395.	1.8	12

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163	PAX5 interacts with RIP2 to promote NF-Î¹B activation and drug-resistance of B-lymphoproliferative disorders. Journal of Cell Science, 2016, 129, 2261-72.	2.0	12
164	Cytokine-Based Generation of CD49a+Eomesâ¯/+ Natural Killer Cell Subsets. Frontiers in Immunology, 2018, 9, 2126.	4.8	12
165	Interferon gamma inhibits the differentiation of mouse adult liver and bone marrow hematopoietic stem cells by inhibiting the activation of notch signaling. Stem Cell Research and Therapy, 2019, 10, 210.	5.5	12
166	CD49a+CD49b+ NK cells induced by viral infection reflect an activated state of conventional NK cells. Science China Life Sciences, 2020, 63, 1725-1733.	4.9	12
167	Intestinal Lamina Propria CD4 + T Cells Promote Bactericidal Activity of Macrophages via Galectin-9 and Tim-3 Interaction during Salmonella enterica Serovar Typhimurium Infection. Infection and Immunity, 2018, 86, .	2.2	11
168	Immunogenic chemotherapy effectively inhibits KRAS-Driven lung cancer. Cancer Letters, 2020, 492, 31-43.	7.2	11
169	Immunomodulation Induced During Interferon-Î± Therapy Impairs the Anti-HBV Immune Response Through CD24+CD38hi B Cells. Frontiers in Immunology, 2020, 11, 591269.	4.8	11
170	Klebsiella pneumoniae Alleviates Influenza-Induced Acute Lung Injury via Limiting NK Cell Expansion. Journal of Immunology, 2014, 193, 1133-1141.	0.8	10
171	Recombinant soluble CD226 protein directly inhibits cancer cell proliferation in vitro. International Immunopharmacology, 2014, 19, 119-126.	3.8	10
172	Generation and Preclinical Characterization of an NKp80-Fc Fusion Protein for Redirected Cytolysis of Natural Killer (NK) Cells against Leukemia. Journal of Biological Chemistry, 2015, 290, 22474-22484.	3.4	10
173	Regional immunity in tissue homeostasis and diseases. Science China Life Sciences, 2016, 59, 1205-1209.	4.9	10
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