

Pengyan Xia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

1,989
citations

19
h-index

28
g-index

28
ext. papers

2,440
ext. citations

19.1
avg. IF

4.52
L-index

#	Paper	IF	Citations
27	Transdifferentiation of tumor infiltrating innate lymphoid cells during progression of colorectal cancer. <i>Cell Research</i> , 2020 , 30, 610-622	24.7	34
26	Glutamylation of deubiquitinase BAP1 controls self-renewal of hematopoietic stem cells and hematopoiesis. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	5
25	LC Domain-Mediated Coalescence Is Essential for Otu Enzymatic Activity to Extend Drosophila Lifespan. <i>Molecular Cell</i> , 2019 , 74, 363-377.e5	17.6	15
24	A Circular RNA Protects Dormant Hematopoietic Stem Cells from DNA Sensor cGAS-Mediated Exhaustion. <i>Immunity</i> , 2018 , 48, 688-701.e7	32.3	139
23	Klf4 glutamylation is required for cell reprogramming and early embryonic development in mice. <i>Nature Communications</i> , 2018 , 9, 1261	17.4	23
22	The ER membrane adaptor ERApP senses the bacterial second messenger c-di-AMP and initiates anti-bacterial immunity. <i>Nature Immunology</i> , 2018 , 19, 141-150	19.1	26
21	controls self-renewal of embryonic stem cells via activating expression of transcription factor. <i>EMBO Journal</i> , 2018 , 37,	13	59
20	WASH maintains NKp46 ILC3 cells by promoting AHR expression. <i>Nature Communications</i> , 2017 , 8, 15685	17.4	10
19	Regulatory Innate Lymphoid Cells Control Innate Intestinal Inflammation. <i>Cell</i> , 2017 , 171, 201-216.e18	56.2	211
18	Natural-Killer-like B Cells Function as a Separate Subset of Innate B Cells. <i>Immunity</i> , 2017 , 47, 201-202	32.3	5
17	Suppression of SRCAP chromatin remodelling complex and restriction of lymphoid lineage commitment by Pcid2. <i>Nature Communications</i> , 2017 , 8, 1518	17.4	19
16	FoxO1-mediated autophagy is required for NK cell development and innate immunity. <i>Nature Communications</i> , 2016 , 7, 11023	17.4	96
15	Glutamylation of the DNA sensor cGAS regulates its binding and synthase activity in antiviral immunity. <i>Nature Immunology</i> , 2016 , 17, 369-78	19.1	123
14	Natural Killer-like B Cells Prime Innate Lymphocytes against Microbial Infection. <i>Immunity</i> , 2016 , 45, 131-44	32.3	26
13	DNA sensor cGAS-mediated immune recognition. <i>Protein and Cell</i> , 2016 , 7, 777-791	7.2	65
12	Sox2 functions as a sequence-specific DNA sensor in neutrophils to initiate innate immunity against microbial infection. <i>Nature Immunology</i> , 2015 , 16, 366-75	19.1	66
11	The long noncoding RNA lncTCF7 promotes self-renewal of human liver cancer stem cells through activation of Wnt signaling. <i>Cell Stem Cell</i> , 2015 , 16, 413-25	18	437

10	IRTKS negatively regulates antiviral immunity through PCBP2 sumoylation-mediated MAVS degradation. <i>Nature Communications</i> , 2015 , 6, 8132	17.4	38
9	Insulin-InsR signaling drives multipotent progenitor differentiation toward lymphoid lineages. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2305-21	16.6	16
8	Pcid2 inactivates developmental genes in human and mouse embryonic stem cells to sustain their pluripotency by modulation of EID1 stability. <i>Stem Cells</i> , 2014 , 32, 623-35	5.8	12
7	Cytosolic carboxypeptidase CCP6 is required for megakaryopoiesis by modulating Mad2 polyglutamylation. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2439-54	16.6	23
6	WASH is required for the differentiation commitment of hematopoietic stem cells in a c-Myc-dependent manner. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2119-34	16.6	43
5	Molecular mechanism for self-protection against the type VI secretion system in <i>Vibrio cholerae</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 1094-103		5
4	RNF2 is recruited by WASH to ubiquitinate AMBRA1 leading to downregulation of autophagy. <i>Cell Research</i> , 2014 , 24, 943-58	24.7	67
3	T-cell immunoglobulin and ITIM domain (TIGIT) receptor/poliiovirus receptor (PVR) ligand engagement suppresses interferon- β production of natural killer cells via β arrestin 2-mediated negative signaling. <i>Journal of Biological Chemistry</i> , 2014 , 289, 17647-57	5.4	135
2	WASH inhibits autophagy through suppression of Beclin 1 ubiquitination. <i>EMBO Journal</i> , 2013 , 32, 2685-96		138
1	Transient activation of autophagy via Sox2-mediated suppression of mTOR is an important early step in reprogramming to pluripotency. <i>Cell Stem Cell</i> , 2013 , 13, 617-25	18	150