

# Pengyan Xia

## List of Publications by Citations

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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 | The long noncoding RNA lncTCF7 promotes self-renewal of human liver cancer stem cells through activation of Wnt signaling. <i>Cell Stem Cell</i> , <b>2015</b> , 16, 413-25  | 18   | 437       |
| 26 | Regulatory Innate Lymphoid Cells Control Innate Intestinal Inflammation. <i>Cell</i> , <b>2017</b> , 171, 201-216.e18  | 56.2 | 211       |
| 25 | Transient activation of autophagy via Sox2-mediated suppression of mTOR is an important early step in reprogramming to pluripotency. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 617-25  | 18   | 150       |
| 24 | A Circular RNA Protects Dormant Hematopoietic Stem Cells from DNA Sensor cGAS-Mediated Exhaustion. <i>Immunity</i> , <b>2018</b> , 48, 688-701.e7  | 32.3 | 139       |
| 23 | WASH inhibits autophagy through suppression of Beclin 1 ubiquitination. <i>EMBO Journal</i> , <b>2013</b> , 32, 2685-96  | 13.6 | 138       |
| 22 | T-cell immunoglobulin and ITIM domain (TIGIT) receptor/poliovirus receptor (PVR) ligand engagement suppresses interferon- $\gamma$ production of natural killer cells via $\beta$ arrestin 2-mediated negative signaling. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 17647-57 | 5.4  | 135       |
| 21 | Glutamylation of the DNA sensor cGAS regulates its binding and synthase activity in antiviral immunity. <i>Nature Immunology</i> , <b>2016</b> , 17, 369-78  | 19.1 | 123       |
| 20 | FoxO1-mediated autophagy is required for NK cell development and innate immunity. <i>Nature Communications</i> , <b>2016</b> , 7, 11023  | 17.4 | 96        |
| 19 | RNF2 is recruited by WASH to ubiquitinate AMBRA1 leading to downregulation of autophagy. <i>Cell Research</i> , <b>2014</b> , 24, 943-58   | 24.7 | 67        |
| 18 | Sox2 functions as a sequence-specific DNA sensor in neutrophils to initiate innate immunity against microbial infection. <i>Nature Immunology</i> , <b>2015</b> , 16, 366-75   | 19.1 | 66        |
| 17 | DNA sensor cGAS-mediated immune recognition. <i>Protein and Cell</i> , <b>2016</b> , 7, 777-791  | 7.2  | 65        |
| 16 | controls self-renewal of embryonic stem cells via activating expression of transcription factor. <i>EMBO Journal</i> , <b>2018</b> , 37,   | 13   | 59        |
| 15 | WASH is required for the differentiation commitment of hematopoietic stem cells in a c-Myc-dependent manner. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 2119-34  | 16.6 | 43        |
| 14 | IRTKS negatively regulates antiviral immunity through PCBP2 sumoylation-mediated MAVS degradation. <i>Nature Communications</i> , <b>2015</b> , 6, 8132  | 17.4 | 38        |
| 13 | Transdifferentiation of tumor infiltrating innate lymphoid cells during progression of colorectal cancer. <i>Cell Research</i> , <b>2020</b> , 30, 610-622   | 24.7 | 34        |
| 12 | The ER membrane adaptor ERApP senses the bacterial second messenger c-di-AMP and initiates anti-bacterial immunity. <i>Nature Immunology</i> , <b>2018</b> , 19, 141-150   | 19.1 | 26        |
| 11 | Natural Killer-like B Cells Prime Innate Lymphocytes against Microbial Infection. <i>Immunity</i> , <b>2016</b> , 45, 131-43   | 14.3 | 26        |

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|----|---|------|----|
| 10 | Klf4 glutamylation is required for cell reprogramming and early embryonic development in mice. <i>Nature Communications</i> , <b>2018</b> , 9, 1261   | 17.4 | 23 |
| 9  | Cytosolic carboxypeptidase CCP6 is required for megakaryopoiesis by modulating Mad2 polyglutamylation. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 2439-54                               | 16.6 | 23 |
| 8  | Suppression of SRCAP chromatin remodelling complex and restriction of lymphoid lineage commitment by Pcid2. <i>Nature Communications</i> , <b>2017</b> , 8, 1518  | 17.4 | 19 |
| 7  | Insulin-InsR signaling drives multipotent progenitor differentiation toward lymphoid lineages. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 2305-21                                       | 16.6 | 16 |
| 6  | LC Domain-Mediated Coalescence Is Essential for Otu Enzymatic Activity to Extend Drosophila Lifespan. <i>Molecular Cell</i> , <b>2019</b> , 74, 363-377.e5  | 17.6 | 15 |
| 5  | Pcid2 inactivates developmental genes in human and mouse embryonic stem cells to sustain their pluripotency by modulation of EID1 stability. <i>Stem Cells</i> , <b>2014</b> , 32, 623-35                 | 5.8  | 12 |
| 4  | WASH maintains NKp46 ILC3 cells by promoting AHR expression. <i>Nature Communications</i> , <b>2017</b> , 8, 15685  | 17.4 | 10 |
| 3  | Natural-Killer-like B Cells Function as a Separate Subset of Innate B Cells. <i>Immunity</i> , <b>2017</b> , 47, 201-202  | 32.3 | 5  |
| 2  | Molecular mechanism for self-protection against the type VI secretion system in <i>Vibrio cholerae</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2014</b> , 70, 1094-103 |      | 5  |
| 1  | Glutamylation of deubiquitinase BAP1 controls self-renewal of hematopoietic stem cells and hematopoiesis. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,                                    | 16.6 | 5  |