# Xuetao Cao

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2240071/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 316 papers | 32,150 citations | 2975 93 h-index | 4991 167 g-index |
| 337 all docs | 337 docs citations | 337 times ranked | 46458 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | COVID-19: immunopathology and its implications for therapy. Nature Reviews Immunology, 2020, 20, 269-270. | 22.7 | 1,309 |
| 2 | Circular RNA circMTO1 acts as the sponge of microRNAâ€9 to suppress hepatocellular carcinoma progression. Hepatology, 2017, 66, 1151-1164. | 7.3 | 972 |
| 3 | The STAT3-Binding Long Noncoding RNA lnc-DC Controls Human Dendritic Cell Differentiation. Science, 2014, 344, 310-313. | 12.6 | 967 |
| 4 | Characteristics and Significance of the Pre-metastatic Niche. Cancer Cell, 2016, 30, 668-681. | 16.8 | 767 |
| 5 | Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973. | 2.9 | 766 |
| 6 | Cancer-Expanded Myeloid-Derived Suppressor Cells Induce Anergy of NK Cells through Membrane-Bound TGF-Î²1. Journal of Immunology, 2009, 182, 240-249. | 0.8 | 680 |
| 7 | MicroRNA-146a Feedback Inhibits RIG-I-Dependent Type I IFN Production in Macrophages by Targeting TRAF6, IRAK1, and IRAK2. Journal of Immunology, 2009, 183, 2150-2158. | 0.8 | 679 |
| 8 | Identification of miRNomes in Human Liver and Hepatocellular Carcinoma Reveals miR-199a/b-3p as Therapeutic Target for Hepatocellular Carcinoma. Cancer Cell, 2011, 19, 232-243. | 16.8 | 654 |
| 9 | Tet2 is required to resolve inflammation by recruiting Hdac2 to specifically repress IL-6. Nature, 2015, 525, 389-393. | 27.8 | 600 |
| 10 | The microRNA miR-29 controls innate and adaptive immune responses to intracellular bacterial infection by targeting interferon-Î³. Nature Immunology, 2011, 12, 861-869. | 14.5 | 569 |
| 11 | Integrin CD11b negatively regulates TLR-triggered inflammatory responses by activating Syk and promoting degradation of MyD88 and TRIF via Cbl-b. Nature Immunology, 2010, 11, 734-742. | 14.5 | 512 |
| 12 | Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797. | 2.9 | 505 |
| 13 | Tumor Exosomal RNAs Promote Lung Pre-metastatic Niche Formation by Activating Alveolar Epithelial TLR3 to Recruit Neutrophils. Cancer Cell, 2016, 30, 243-256. | 16.8 | 478 |
| 14 | Self-regulation and cross-regulation of pattern-recognition receptor signalling in health and disease. Nature Reviews Immunology, 2016, 16, 35-50. | 22.7 | 477 |
| 15 | Post-Translational Modification Control of Innate Immunity. Immunity, 2016, 45, 15-30. | 14.3 | 456 |
| 16 | Inducible microRNA-155 Feedback Promotes Type I IFN Signaling in Antiviral Innate Immunity by Targeting Suppressor of Cytokine Signaling 1. Journal of Immunology, 2010, 185, 6226-6233. | 0.8 | 392 |
| 17 | B cells inhibit induction of T cell-dependent tumor immunity. Nature Medicine, 1998, 4, 627-630. | 30.7 | 387 |
| 18 | Splenic stroma drives mature dendritic cells to differentiate into regulatory dendritic cells. Nature Immunology, 2004, 5, 1124-1133. | 14.5 | 356 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The cytosolic nucleic acid sensor LRRFIP1 mediates the production of type I interferon via a Î²-catenin-dependent pathway. Nature Immunology, 2010, 11, 487-494. | 14.5 | 351 |
| 20 | Mettl3-mediated mRNA m6A methylation promotes dendritic cell activation. Nature Communications, 2019, 10, 1898. | 12.8 | 325 |
| 21 | Tumor-Repopulating Cells Induce PD-1 Expression in CD8+ T Cells by Transferring Kynurenine and AhR Activation. Cancer Cell, 2018, 33, 480-494.e7. | 16.8 | 318 |
| 22 | TLR4 signaling promotes immune escape of human lung cancer cells by inducing immunosuppressive cytokines and apoptosis resistance. Molecular Immunology, 2007, 44, 2850-2859. | 2.2 | 293 |
| 23 | The RNA helicase DDX46 inhibits innate immunity by entrapping m6A-demethylated antiviral transcripts in the nucleus. Nature Immunology, 2017, 18, 1094-1103. | 14.5 | 284 |
| 24 | Immunosuppressive cells in tumor immune escape and metastasis. Journal of Molecular Medicine, 2016, 94, 509-522. | 3.9 | 270 |
| 25 | The E3 ubiquitin ligase Nrdp1 'preferentially' promotes TLR-mediated production of type I interferon. Nature Immunology, 2009, 10, 744-752. | 14.5 | 266 |
| 26 | An interferon-independent lncRNA promotes viral replication by modulating cellular metabolism. Science, 2017, 358, 1051-1055. | 12.6 | 256 |
| 27 | Epigenetic regulation of the innate immune response to infection. Nature Reviews Immunology, 2019, 19, 417-432. | 22.7 | 256 |
| 28 | MicroRNA-148/152 Impair Innate Response and Antigen Presentation of TLR-Triggered Dendritic Cells by Targeting CaMKIIÎ±. Journal of Immunology, 2010, 185, 7244-7251. | 0.8 | 250 |
| 29 | Phosphatase SHP-1 promotes TLR- and RIG-I-activated production of type I interferon by inhibiting the kinase IRAK1. Nature Immunology, 2008, 9, 542-550. | 14.5 | 237 |
| 30 | Intracellular MHC class II molecules promote TLR-triggered innate immune responses by maintaining activation of the kinase Btk. Nature Immunology, 2011, 12, 416-424. | 14.5 | 232 |
| 31 | SHP-2 Phosphatase Negatively Regulates the TRIF Adaptor Protein-Dependent Type I Interferon and Proinflammatory Cytokine Production. Immunity, 2006, 25, 919-928. | 14.3 | 231 |
| 32 | Induction of Siglec-G by RNA Viruses Inhibits the Innate Immune Response by Promoting RIG-I Degradation. Cell, 2013, 152, 467-478. | 28.9 | 228 |
| 33 | MicroRNA-466l Upregulates IL-10 Expression in TLR-Triggered Macrophages by Antagonizing RNA-Binding Protein Tristetraprolin-Mediated IL-10 mRNA Degradation. Journal of Immunology, 2010, 184, 6053-6059. | 0.8 | 224 |
| 34 | Self-Recognition of an Inducible Host lncRNA by RIG-I Feedback Restricts Innate Immune Response. Cell, 2018, 173, 906-919.e13. | 28.9 | 224 |
| 35 | MicroRNA-99a Inhibits Hepatocellular Carcinoma Growth and Correlates with Prognosis of Patients with Hepatocellular Carcinoma. Journal of Biological Chemistry, 2011, 286, 36677-36685. | 3.4 | 218 |
| 36 | Methyltransferase SETD2-Mediated Methylation of STAT1 Is Critical for Interferon Antiviral Activity. Cell, 2017, 170, 492-506.e14. | 28.9 | 215 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Nuclear hnRNPA2B1 initiates and amplifies the innate immune response to DNA viruses. Science, 2019, 365, . | 12.6 | 214 |
| 38 | Activated T Cell Exosomes Promote Tumor Invasion via Fas Signaling Pathway. Journal of Immunology, 2012, 188, 5954-5961. | 0.8 | 213 |
| 39 | Regulation of type I interferon signaling in immunity and inflammation: A comprehensive review. Journal of Autoimmunity, 2017, 83, 1-11. | 6.5 | 213 |
| 40 | Heat Shock Protein 70, Released from Heat-Stressed Tumor Cells, Initiates Antitumor Immunity by Inducing Tumor Cell Chemokine Production and Activating Dendritic Cells via TLR4 Pathway. Journal of Immunology, 2009, 182, 1449-1459. | 0.8 | 211 |
| 41 | The origin and function of tumor-associated macrophages. Cellular and Molecular Immunology, 2015, 12, 1-4. | 10.5 | 210 |
| 42 | Chemokine-Containing Exosomes Are Released from Heat-Stressed Tumor Cells via Lipid Raft-Dependent Pathway and Act as Efficient Tumor Vaccine. Journal of Immunology, 2011, 186, 2219-2228. | 0.8 | 202 |
| 43 | CCR7 Chemokine Receptor-Inducible lnc-Dpf3 Restrains Dendritic Cell Migration by Inhibiting HIF-1Î±-Mediated Glycolysis. Immunity, 2019, 50, 600-615.e15. | 14.3 | 200 |
| 44 | Exploiting the pliability and lateral mobility of Pickering emulsion for enhanced vaccination. Nature Materials, 2018, 17, 187-194. | 27.5 | 190 |
| 45 | Lysosome-associated small Rab GTPase Rab7b negatively regulates TLR4 signaling in macrophages by promoting lysosomal degradation of TLR4. Blood, 2007, 110, 962-971. | 1.4 | 185 |
| 46 | Reversing drug resistance of soft tumor-repopulating cells by tumor cell-derived chemotherapeutic microparticles. Cell Research, 2016, 26, 713-727. | 12.0 | 183 |
| 47 | Hepatic RIG-I Predicts Survival and Interferon-Î± Therapeutic Response in Hepatocellular Carcinoma. Cancer Cell, 2014, 25, 49-63. | 16.8 | 182 |
| 48 | The exosomes in tumor immunity. OncoImmunology, 2015, 4, e1027472. | 4.6 | 181 |
| 49 | More Efficient Induction of HLA-A*0201-Restricted and Carcinoembryonic Antigen (CEA)â€“Specific CTL Response by Immunization with Exosomes Prepared from Heat-Stressed CEA-Positive Tumor Cells. Clinical Cancer Research, 2005, 11, 7554-7563. | 7.0 | 178 |
| 50 | Human CD14<sup>+</sup>CTLA-4<sup>+</sup>regulatory dendritic cells suppress T-cell response by cytotoxic T-lymphocyte antigen-4-dependent IL-10 and indoleamine-2,3-dioxygenase production in hepatocellular carcinoma. Hepatology, 2014, 59, 567-579. | 7.3 | 178 |
| 51 | Tumor-educated B cells selectively promote breast cancer lymph node metastasis by HSPA4-targeting IgG. Nature Medicine, 2019, 25, 312-322. | 30.7 | 174 |
| 52 | Tumor-Educated CD11bhighlalow Regulatory Dendritic Cells Suppress T Cell Response through Arginase I. Journal of Immunology, 2009, 182, 6207-6216. | 0.8 | 170 |
| 53 | Efficient induction of antitumor Tâ€„cell immunity by exosomes derived from heat-shocked lymphoma cells. European Journal of Immunology, 2006, 36, 1598-1607. | 2.9 | 166 |
| 54 | CD69+CD4+CD25â^' T Cells, a New Subset of Regulatory T Cells, Suppress T Cell Proliferation through Membrane-Bound TGF-Î²1. Journal of Immunology, 2009, 182, 111-120. | 0.8 | 166 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Dendritic cells in the regulation of immunity and inflammation. Seminars in Immunology, 2018, 35, 3-11. | 5.6 | 165 |
| 56 | Tet2 promotes pathogen infection-induced myelopoiesis through mRNA oxidation. Nature, 2018, 554, 123-127. | 27.8 | 164 |
| 57 | CaMKII promotes TLR-triggered proinflammatory cytokine and type I interferon production by directly binding and activating TAK1 and IRF3 in macrophages. Blood, 2008, 112, 4961-4970. | 1.4 | 157 |
| 58 | IL-10â€“Producing Regulatory B10 Cells Ameliorate Collagen-Induced Arthritis via Suppressing Th17 Cell Generation. American Journal of Pathology, 2012, 180, 2375-2385. | 3.8 | 157 |
| 59 | Methyltransferase Dnmt3a upregulates HDAC9 to deacetylate the kinase TBK1 for activation of antiviral innate immunity. Nature Immunology, 2016, 17, 806-815. | 14.5 | 157 |
| 60 | TLR4 is essential for dendritic cell activation and anti-tumor T-cell response enhancement by DAMPs released from chemically stressed cancer cells. Cellular and Molecular Immunology, 2014, 11, 150-159. | 10.5 | 154 |
| 61 | Dendritic cell migration in inflammation and immunity. Cellular and Molecular Immunology, 2021, 18, 2461-2471. | 10.5 | 152 |
| 62 | Th17 cells play a critical role in the development of experimental SjÃ¶gren's syndrome. Annals of the Rheumatic Diseases, 2015, 74, 1302-1310. | 0.9 | 149 |
| 63 | The Involvement of TNF-Î±-Related Apoptosis-Inducing Ligand in the Enhanced Cytotoxicity of IFN-Î²-Stimulated Human Dendritic Cells to Tumor Cells. Journal of Immunology, 2001, 166, 5407-5415. | 0.8 | 147 |
| 64 | Blockade of IDO-kynurenine-AhR metabolic circuitry abrogates IFN-Î³-induced immunologic dormancy of tumor-repopulating cells. Nature Communications, 2017, 8, 15207. | 12.8 | 147 |
| 65 | Immune Responsive Gene 1 (IRG1) Promotes Endotoxin Tolerance by Increasing A20 Expression in Macrophages through Reactive Oxygen Species. Journal of Biological Chemistry, 2013, 288, 16225-16234. | 3.4 | 146 |
| 66 | N <sup>6</sup> -methyladenosine RNA modificationâ€“mediated cellular metabolism rewiring inhibits viral replication. Science, 2019, 365, 1171-1176. | 12.6 | 141 |
| 67 | The long noncoding RNA Lnczc3h7a promotes a TRIM25-mediated RIG-I antiviral innate immune response. Nature Immunology, 2019, 20, 812-823. | 14.5 | 140 |
| 68 | Adult Connective Tissue-Resident Mast Cells Originate from Late Erythro-Myeloid Progenitors. Immunity, 2018, 49, 640-653.e5. | 14.3 | 139 |
| 69 | Ras-related protein Rab10 facilitates TLR4 signaling by promoting replenishment of TLR4 onto the plasma membrane. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13806-13811. | 7.1 | 138 |
| 70 | Siglec1 suppresses antiviral innate immune response by inducing TBK1 degradation via the ubiquitin ligase TRIM27. Cell Research, 2015, 25, 1121-1136. | 12.0 | 137 |
| 71 | Cellular and molecular regulation of innate inflammatory responses. Cellular and Molecular Immunology, 2016, 13, 711-721. | 10.5 | 134 |
| 72 | Hepatic microenvironment programs hematopoietic progenitor differentiation into regulatory dendritic cells, maintaining liver tolerance. Blood, 2008, 112, 3175-3185. | 1.4 | 132 |

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|---|---|---|---|
| 73 | Long noncoding RNAs in innate immunity. Cellular and Molecular Immunology, 2016, 13, 138-147. | 10.5 | 131 |
| 74 | Histone Methyltransferase Ash1l Suppresses Interleukin-6 Production and Inflammatory Autoimmune Diseases by Inducing the Ubiquitin-Editing Enzyme A20. Immunity, 2013, 39, 470-481. | 14.3 | 130 |
| 75 | A Pck1-directed glycogen metabolic program regulates formation and maintenance of memory CD8+ T cells. Nature Cell Biology, 2018, 20, 21-27. | 10.3 | 130 |
| 76 | Identification of IFN-Î³-producing innate B cells. Cell Research, 2014, 24, 161-176. | 12.0 | 127 |
| 77 | Regulation of Tollâ€like receptor signaling pathways in innate immune responses. Annals of the New York Academy of Sciences, 2013, 1283, 67-74. | 3.8 | 123 |
| 78 | The immune potential and immunopathology of cytokine-producing B cell subsets: A comprehensive review. Journal of Autoimmunity, 2014, 55, 10-23. | 6.5 | 122 |
| 79 | Identification of Resting and Type I IFN-Activated Human NK Cell miRNomes Reveals MicroRNA-378 and MicroRNA-30e as Negative Regulators of NK Cell Cytotoxicity. Journal of Immunology, 2012, 189, 211-221. | 0.8 | 121 |
| 80 | RNA-binding protein YTHDF3 suppresses interferon-dependent antiviral responses by promoting FOXO3 translation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 976-981. | 7.1 | 120 |
| 81 | Cyclosporin A impairs dendritic cell migration by regulating chemokine receptor expression and inhibiting cyclooxygenase-2 expression. Blood, 2004, 103, 413-421. | 1.4 | 119 |
| 82 | Immunosuppressive exosomes from TGF-Î²1 gene-modified dendritic cells attenuate Th17-mediated inflammatory autoimmune disease by inducing regulatory T cells. Cell Research, 2012, 22, 607-610. | 12.0 | 119 |
| 83 | Rhbdd3 controls autoimmunity by suppressing the production of IL-6 by dendritic cells via K27-linked ubiquitination of the regulator NEMO. Nature Immunology, 2014, 15, 612-622. | 14.5 | 119 |
| 84 | Oral berberine improves brain dopa/dopamine levels to ameliorate Parkinsonâ€™s disease by regulating gut microbiota. Signal Transduction and Targeted Therapy, 2021, 6, 77. | 17.1 | 119 |
| 85 | Tumor-Induced Generation of Splenic Erythroblast-like Ter-Cells Promotes Tumor Progression. Cell, 2018, 173, 634-648.e12. | 28.9 | 118 |
| 86 | MicroRNA-92a Negatively Regulates Toll-like Receptor (TLR)-triggered Inflammatory Response in Macrophages by Targeting MKK4 Kinase. Journal of Biological Chemistry, 2013, 288, 7956-7967. | 3.4 | 117 |
| 87 | Regulatory dendritic cells in autoimmunity: A comprehensive review. Journal of Autoimmunity, 2015, 63, 1-12. | 6.5 | 111 |
| 88 | Fas Signal Promotes Lung Cancer Growth by Recruiting Myeloid-Derived Suppressor Cells via Cancer Cell-Derived PGE2. Journal of Immunology, 2009, 182, 3801-3808. | 0.8 | 109 |
| 89 | Endothelial stroma programs hematopoietic stem cells to differentiate into regulatory dendritic cells through IL-10. Blood, 2006, 108, 1189-1197. | 1.4 | 108 |
| 90 | Low-dose decitabine enhances the effect of PD-1 blockade in colorectal cancer with microsatellite stability by re-modulating the tumor microenvironment. Cellular and Molecular Immunology, 2019, 16, 401-409. | 10.5 | 105 |

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|---|---|---|---|
| 91 | Cell-free Tumor Microparticle Vaccines Stimulate Dendritic Cells via cGAS/STING Signaling. Cancer Immunology Research, 2015, 3, 196-205. | 3.4 | 104 |
| 92 | Inducible degradation of lncRNA Sros1 promotes IFN-Î³-mediated activation of innate immune responses by stabilizing Stat1 mRNA. Nature Immunology, 2019, 20, 1621-1630. | 14.5 | 100 |
| 93 | Novel heat shock protein Hsp70L1 activates dendritic cells and acts as a Th1 polarizing adjuvant. Blood, 2004, 103, 1747-1754. | 1.4 | 99 |
| 94 | IFN-Î³ Primes Macrophage Activation by Increasing Phosphatase and Tensin Homolog via Downregulation of miR-3473b. Journal of Immunology, 2014, 193, 3036-3044. | 0.8 | 99 |
| 95 | LncRNA Malat1 inhibition of TDP43 cleavage suppresses IRF3-initiated antiviral innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23695-23706. | 7.1 | 99 |
| 96 | The E3ÂUbiquitin Ligase TRIM40 Attenuates Antiviral Immune Responses by Targeting MDA5 and RIG-I. Cell Reports, 2017, 21, 1613-1623. | 6.4 | 98 |
| 97 | Constitutive MHC class I molecules negatively regulate TLR-triggered inflammatory responses via the Fpsâ€“SHP-2 pathway. Nature Immunology, 2012, 13, 551-559. | 14.5 | 96 |
| 98 | Molecular Cloning and Characterization of a Novel CXC Chemokine Macrophage Inflammatory Protein-2Î³ Chemoattractant for Human Neutrophils and Dendritic Cells. Journal of Immunology, 2000, 165, 2588-2595. | 0.8 | 93 |
| 99 | The Serum Profile of Hypercytokinemia Factors Identified in H7N9-Infected Patients can Predict Fatal Outcomes. Scientific Reports, 2015, 5, 10942. | 3.3 | 93 |
| 100 | RNF122 suppresses antiviral type I interferon production by targeting RIG-I CARDs to mediate RIG-I degradation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9581-9586. | 7.1 | 93 |
| 101 | Organotropic metastasis: role of tumor exosomes. Cell Research, 2016, 26, 149-150. | 12.0 | 91 |
| 102 | TLR agonists promote ERK-mediated preferential IL-10 production of regulatory dendritic cells (diffDCs), leading to NK-cell activation. Blood, 2006, 108, 2307-2315. | 1.4 | 89 |
| 103 | E3 ubiquitin ligase CHIP facilitates Toll-like receptor signaling by recruiting and polyubiquitinating Src and atypical PKCÎ¶. Journal of Experimental Medicine, 2011, 208, 2099-2112. | 8.5 | 86 |
| 104 | STAT3/p53 pathway activation disrupts IFN-Î²â€“induced dormancy in tumor-repopulating cells. Journal of Clinical Investigation, 2018, 128, 1057-1073. | 8.2 | 86 |
| 105 | CXCR2+ MDSCs promote breast cancer progression by inducing EMT and activated T cell exhaustion. Oncotarget, 2017, 8, 114554-114567. | 1.8 | 86 |
| 106 | Notch1 Signaling Sensitizes Tumor Necrosis Factor-related Apoptosis-inducing Ligand-induced Apoptosis in Human Hepatocellular Carcinoma Cells by Inhibiting Akt/Hdm2-mediated p53 Degradation and Up-regulating p53-dependent DR5 Expression. Journal of Biological Chemistry, 2009, 284, 16183-16190. | 3.4 | 85 |
| 107 | Increased induction of antitumor response by exosomes derived from interleukin-2 gene-modified tumor cells. Journal of Cancer Research and Clinical Oncology, 2007, 133, 389-399. | 2.5 | 84 |
| 108 | Phosphatase PTP1B negatively regulates MyD88- and TRIF-dependent proinflammatory cytokine and type I interferon production in TLR-triggered macrophages. Molecular Immunology, 2008, 45, 3545-3552. | 2.2 | 83 |

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|---|---|---|---|
| 109 | Delivery of oncolytic adenovirus into the nucleus of tumorigenic cells by tumor microparticles for virotherapy. Biomaterials, 2016, 89, 56-66. | 11.4 | 83 |
| 110 | TLR agonists induce regulatory dendritic cells to recruit Th1 cells via preferential IP-10 secretion and inhibit Th1 proliferation. Blood, 2007, 109, 3308-3315. | 1.4 | 81 |
| 111 | The lectin Siglec-G inhibits dendritic cell cross-presentation by impairing MHC class Iâ€“peptide complex formation. Nature Immunology, 2016, 17, 1167-1175. | 14.5 | 81 |
| 112 | Interleukin 33 in tumor microenvironment is crucial for the accumulation and function of myeloid-derived suppressor cells. OncoImmunology, 2016, 5, e1063772. | 4.6 | 81 |
| 113 | Toll-like Receptor 4 (TLR4) Is Essential for Hsp70-like Protein 1 (HSP70L1) to Activate Dendritic Cells and Induce Th1 Response. Journal of Biological Chemistry, 2011, 286, 30393-30400. | 3.4 | 80 |
| 114 | An In Vivo Method to Identify microRNA Targets Not Predicted by Computation Algorithms: p21 Targeting by miR-92a in Cancer. Cancer Research, 2015, 75, 2875-2885. | 0.9 | 79 |
| 115 | NAD + dependent deacetylase Sirtuin 5 rescues the innate inflammatory response of endotoxin tolerant macrophages by promoting acetylation of p65. Journal of Autoimmunity, 2017, 81, 120-129. | 6.5 | 79 |
| 116 | Fbxw7 increases CCL2/7 in CX3CR1hi macrophages to promote intestinal inflammation. Journal of Clinical Investigation, 2019, 129, 3877-3893. | 8.2 | 79 |
| 117 | The Lysosome-associated Apoptosis-inducing Protein Containing the Pleckstrin Homology (PH) and FYVE Domains (LAPF), Representative of a Novel Family of PH and FYVE Domain-containing Proteins, Induces Caspase-independent Apoptosis via the Lysosomal-Mitochondrial Pathway. Journal of Biological Chemistry, 2005, 280, 40985-40995. | 3.4 | 76 |
| 118 | Enhanced induction of dendritic cell maturation and HLA-A*0201-restricted CEA-specific CD8+ CTL response by exosomes derived from IL-18 gene-modified CEA-positive tumor cells. Journal of Molecular Medicine, 2006, 84, 1067-1076. | 3.9 | 74 |
| 119 | Exosomes with membraneâ€associated TGFâ€Î²1 from geneâ€modified dendritic cells inhibit murine EAE independently of MHC restriction. European Journal of Immunology, 2013, 43, 2461-2472. | 2.9 | 73 |
| 120 | LRRFIP2 negatively regulates NLRP3 inflammasome activation in macrophages by promoting Flightless-I-mediated caspase-1 inhibition. Nature Communications, 2013, 4, 2075. | 12.8 | 72 |
| 121 | Apoptotic cells attenuate fulminant hepatitis by priming Kupffer cells to produce interleukin-10 through membrane-bound TGF-Î². Hepatology, 2011, 53, 306-316. | 7.3 | 71 |
| 122 | Regulatory dendritic cells program B cells to differentiate into CD19hiFcÎ³IIbhi regulatory B cells through IFN-Î² and CD40L. Blood, 2012, 120, 581-591. | 1.4 | 70 |
| 123 | Immunosuppressant triptolide inhibits dendritic cell-mediated chemoattraction of neutrophils and T cells through inhibiting Stat3 phosphorylation and NF-ÎºB activation. Biochemical and Biophysical Research Communications, 2006, 345, 1122-1130. | 2.1 | 69 |
| 124 | K33-linked polyubiquitination of Zap70 by Nrdp1 controls CD8+ T cell activation. Nature Immunology, 2015, 16, 1253-1262. | 14.5 | 69 |
| 125 | hPEBP4 Resists TRAIL-induced Apoptosis of Human Prostate Cancer Cells by Activating Akt and Deactivating ERK1/2 Pathways. Journal of Biological Chemistry, 2007, 282, 4943-4950. | 3.4 | 68 |
| 126 | Pulmonary stromal cells induce the generation of regulatory DC attenuating Tâ€cellâ€mediated lung inflammation. European Journal of Immunology, 2008, 38, 2751-2761. | 2.9 | 67 |

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|---|---|---|---|
| 127 | Stress for maintaining memory: HSP70 as a mobile messenger for innate and adaptive immunity. European Journal of Immunology, 2010, 40, 1541-1544. | 2.9 | 67 |
| 128 | Tumor-Derived CXCL1 Promotes Lung Cancer Growth via Recruitment of Tumor-Associated Neutrophils. Journal of Immunology Research, 2016, 2016, 1-11. | 2.2 | 67 |
| 129 | The Roles of Lysosomes in Inflammation and Autoimmune Diseases. International Reviews of Immunology, 2015, 34, 415-431. | 3.3 | 65 |
| 130 | Integrin CD11b Negatively Regulates TLR9-Triggered Dendritic Cell Cross-Priming by Upregulating microRNA-146a. Journal of Immunology, 2012, 188, 5293-5302. | 0.8 | 64 |
| 131 | Intracellular NAMPTâ€“NAD+â€“SIRT1 cascade improves post-ischaemic vascular repair by modulating Notch signalling in endothelial progenitors. Cardiovascular Research, 2014, 104, 477-488. | 3.8 | 64 |
| 132 | Type I IFN Inhibits Innate IL-10 Production in Macrophages through Histone Deacetylase 11 by Downregulating MicroRNA-145. Journal of Immunology, 2013, 191, 3896-3904. | 0.8 | 63 |
| 133 | Late Endosome/Lysosome-Localized Rab7b Suppresses TLR9-Initiated Proinflammatory Cytokine and Type I IFN Production in Macrophages. Journal of Immunology, 2009, 183, 1751-1758. | 0.8 | 62 |
| 134 | lncRNA MALAT1 binds chromatin remodeling subunit BRG1 to epigenetically promote inflammation-related hepatocellular carcinoma progression. OncoImmunology, 2019, 8, e1518628. | 4.6 | 62 |
| 135 | Tyrosine Kinase Btk Is Required for NK Cell Activation. Journal of Biological Chemistry, 2012, 287, 23769-23778. | 3.4 | 61 |
| 136 | Demethylase Kdm6a epigenetically promotes IL-6 and IFN-Î² production in macrophages. Journal of Autoimmunity, 2017, 80, 85-94. | 6.5 | 61 |
| 137 | Triptolide impairs dendritic cell migration by inhibiting CCR7 and COX-2 expression through PI3-K/Akt and NF-ÎºB pathways. Molecular Immunology, 2007, 44, 2686-2696. | 2.2 | 60 |
| 138 | Epigenetic Remodeling in Innate Immunity and Inflammation. Annual Review of Immunology, 2021, 39, 279-311. | 21.8 | 60 |
| 139 | Fas signal links innate and adaptive immunity by promoting dendritic-cell secretion of CC and CXC chemokines. Blood, 2005, 106, 2033-2041. | 1.4 | 59 |
| 140 | Hsp70-Like Protein 1 Fusion Protein Enhances Induction of Carcinoembryonic Antigenâ€“Specific CD8+ CTL Response by Dendritic Cell Vaccine. Cancer Research, 2005, 65, 4947-4954. | 0.9 | 59 |
| 141 | Fas ligation induces IL-1Î²-dependent maturation and IL-1Î²-independent survival of dendritic cells: different roles of ERK and NF-ÎºB signaling pathways. Blood, 2003, 102, 4441-4447. | 1.4 | 58 |
| 142 | Surface anchorage of superantigen SEA promotes induction of specific antitumor immune response by tumor-derived exosomes. Journal of Molecular Medicine, 2007, 85, 511-521. | 3.9 | 58 |
| 143 | H3K4me3 Demethylase Kdm5a Is Required for NK Cell Activation by Associating with p50 to Suppress SOCS1. Cell Reports, 2016, 15, 288-299. | 6.4 | 56 |
| 144 | Hepatic IFIT3 predicts interferonâ€Îˆ therapeutic response in patients of hepatocellular carcinoma. Hepatology, 2017, 66, 152-166. | 7.3 | 56 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Cytoplasmic STAT4 Promotes Antiviral Type I IFN Production by Blocking CHIP-Mediated Degradation of RIG-I. Journal of Immunology, 2016, 196, 1209-1217. | 0.8 | 55 |
| 146 | Ash1l and lnc-Smad3 coordinate Smad3 locus accessibility to modulate iTreg polarization and T cell autoimmunity. Nature Communications, 2017, 8, 15818. | 12.8 | 53 |
| 147 | Nuclear RNF2 inhibits interferon function by promoting K33-linked STAT1 disassociation from DNA. Nature Immunology, 2018, 19, 41-52. | 14.5 | 53 |
| 148 | Adaptor Protein LAPF Recruits Phosphorylated p53 to Lysosomes and Triggers Lysosomal Destabilization in Apoptosis. Cancer Research, 2007, 67, 11176-11185. | 0.9 | 52 |
| 149 | TLR9/TLR7-triggered downregulation of BDCA2 expression on human plasmacytoid dendritic cells from healthy individuals and lupus patients. Clinical Immunology, 2008, 129, 40-48. | 3.2 | 52 |
| 150 | miRNomes of haematopoietic stem cells and dendritic cells identify miR-30b as a regulator of Notch1. Nature Communications, 2013, 4, 2903. | 12.8 | 52 |
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