

Beiyang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,918
citations

230014

27
h-index

274796

44
g-index

48
all docs

48
docs citations

48
times ranked

9620
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A high OXPHOS CD8 T cell subset is predictive of immunotherapy resistance in melanoma patients. <i>Journal of Experimental Medicine</i> , 2022, 219, . | 4.2 | 37 |
| 2 | AtheroSpectrum Reveals Novel Macrophage Foam Cell Gene Signatures Associated With Atherosclerotic Cardiovascular Disease Risk. <i>Circulation</i> , 2022, 145, 206-218. | 1.6 | 29 |
| 3 | Ejection of damaged mitochondria and their removal by macrophages ensure efficient thermogenesis in brown adipose tissue. <i>Cell Metabolism</i> , 2022, 34, 533-548.e12. | 7.2 | 91 |
| 4 | Impact of microRNA Regulated Macrophage Actions on Adipose Tissue Function in Obesity. <i>Cells</i> , 2022, 11, 1336. | 1.8 | 7 |
| 5 | A novel strategy to dissect multifaceted macrophage function in human diseases. <i>Journal of Leukocyte Biology</i> , 2022, 112, 1535-1542. | 1.5 | 12 |
| 6 | Intracellular immune sensing promotes inflammation via gasdermin D-driven release of a lectin alarmin. <i>Nature Immunology</i> , 2021, 22, 154-165. | 7.0 | 73 |
| 7 | IF1 inactivation attenuates experimental colitis through downregulation of neutrophil infiltration in colon mucosa. <i>International Immunopharmacology</i> , 2021, 99, 107980. | 1.7 | 5 |
| 8 | Decreased miR-150 in obesity-associated type 2 diabetic mice increases intraocular inflammation and exacerbates retinal dysfunction. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001446. | 1.2 | 8 |
| 9 | STAT3 signaling in myeloid cells promotes pathogenic myelin-specific T cell differentiation and autoimmune demyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5430-5441. | 3.3 | 37 |
| 10 | Landscape of Intercellular Crosstalk in Healthy and NASH Liver Revealed by Single-Cell Secretome Gene Analysis. <i>Molecular Cell</i> , 2019, 75, 644-660.e5. | 4.5 | 488 |
| 11 | Single-cell transcriptomics-based MacSpectrum reveals macrophage activation signatures in diseases. <i>JCI Insight</i> , 2019, 4, . | 2.3 | 86 |
| 12 | Direct CD137 costimulation of CD8 T cells promotes retention and innate-like function within nascent atherogenic foci. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1480-H1494. | 1.5 | 8 |
| 13 | Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019, 10, 321-330. | 2.9 | 121 |
| 14 | MicroRNA regulated macrophage activation in obesity. <i>Journal of Translational Internal Medicine</i> , 2019, 7, 46-52. | 1.0 | 22 |
| 15 | Functional antagonism of sphingosine-1-phosphate receptor 1 prevents cuprizone-induced demyelination. <i>Glia</i> , 2018, 66, 654-669. | 2.5 | 39 |
| 16 | Macrophage polarization and meta-inflammation. <i>Translational Research</i> , 2018, 191, 29-44. | 2.2 | 238 |
| 17 | Understanding how combinatorial targeting of TLRs and TNFR family costimulatory members promote enhanced T cell responses. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 1073-1083. | 1.4 | 1 |
| 18 | Nutrition, microRNAs, and Human Health. <i>Advances in Nutrition</i> , 2017, 8, 105-112. | 2.9 | 143 |

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|----|--|-----|-----------|
| 19 | Nano-curcumin safely prevents streptozotocin-induced inflammation and apoptosis in pancreatic beta cells for effective management of Type 1 diabetes mellitus. <i>British Journal of Pharmacology</i> , 2017, 174, 2074-2084. | 2.7 | 77 |
| 20 | Assessment of histone tail modifications and transcriptional profiling during colon cancer progression reveals a global decrease in H3K4me3 activity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1392-1402. | 1.8 | 7 |
| 21 | Bardoxolone Methyl and a Related Triterpenoid Downregulate cMyc Expression in Leukemia Cells. <i>Molecular Pharmacology</i> , 2017, 91, 438-450. | 1.0 | 11 |
| 22 | Cytokines and metabolic factors regulate tumoricidal T-cell function during cancer immunotherapy. <i>Immunotherapy</i> , 2017, 9, 71-82. | 1.0 | 5 |
| 23 | IRF6 Regulates Alternative Activation by Suppressing PPAR β in Male Murine Macrophages. <i>Endocrinology</i> , 2017, 158, 2837-2847. | 1.4 | 18 |
| 24 | miR-150 regulates obesity-associated insulin resistance by controlling B cell functions. <i>Scientific Reports</i> , 2016, 6, 20176. | 1.6 | 61 |
| 25 | Epistasis and destabilizing mutations shape gene expression variability in humans via distinct modes of action. <i>Human Molecular Genetics</i> , 2016, 25, ddw314. | 1.4 | 5 |
| 26 | Deletion of miR-150 Exacerbates Retinal Vascular Overgrowth in High-Fat-Diet Induced Diabetic Mice. <i>PLoS ONE</i> , 2016, 11, e0157543. | 1.1 | 23 |
| 27 | MiR-129 triggers autophagic flux by regulating a novel Notch-1/ E2F7/Beclin-1 axis to impair the viability of human malignant glioma cells. <i>Oncotarget</i> , 2016, 7, 9222-9235. | 0.8 | 42 |
| 28 | High-Fat Diet-Induced Retinal Dysfunction. , 2015, 56, 2367. | | 59 |
| 29 | The many faces of interferon tau. <i>Amino Acids</i> , 2015, 47, 449-460. | 1.2 | 48 |
| 30 | MicroRNA-223 is a crucial mediator of PPAR β -regulated alternative macrophage activation. <i>Journal of Clinical Investigation</i> , 2015, 125, 4149-4159. | 3.9 | 115 |
| 31 | Classical Macrophage Activation Decreases The Level of Extracellular MicroRNA-223 Secreted by Bone-Marrow-Derived Macrophage. <i>FASEB Journal</i> , 2015, 29, LB655. | 0.2 | 0 |
| 32 | MicroRNAs Control Macrophage Formation and Activation: The Inflammatory Link between Obesity and Cardiovascular Diseases. <i>Cells</i> , 2014, 3, 702-712. | 1.8 | 23 |
| 33 | MicroRNA-503 acts as a tumor suppressor in glioblastoma for multiple antitumor effects by targeting IGF-1R. <i>Oncology Reports</i> , 2014, 31, 1445-1452. | 1.2 | 42 |
| 34 | Interferon Tau Alleviates Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance by Regulating Macrophage Polarization. <i>PLoS ONE</i> , 2014, 9, e98835. | 1.1 | 26 |
| 35 | Investigation of Macrophage Polarization Using Bone Marrow Derived Macrophages. <i>Journal of Visualized Experiments</i> , 2013, , . | 0.2 | 189 |
| 36 | Genome-wide analysis of the rat colon reveals proximal-distal differences in histone modifications and proto-oncogene expression. <i>Physiological Genomics</i> , 2013, 45, 1229-1243. | 1.0 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | miR-150 Blocks MLL-AF9 Associated Leukemia through Oncogene Repression. <i>Molecular Cancer Research</i> , 2013, 11, 912-922. | 1.5 | 32 |
| 38 | Activation of GPER Induces Differentiation and Inhibition of Coronary Artery Smooth Muscle Cell Proliferation. <i>PLoS ONE</i> , 2013, 8, e64771. | 1.1 | 38 |
| 39 | MiR-150 Inhibits MLL-AF9 Associated Leukemia By Suppressing Leukemic Stem Cells. <i>Blood</i> , 2013, 122, 3764-3764. | 0.6 | 0 |
| 40 | A Novel Regulator of Macrophage Activation. <i>Circulation</i> , 2012, 125, 2892-2903. | 1.6 | 368 |
| 41 | Integrated microRNA and mRNA expression profiling in a rat colon carcinogenesis model: effect of a chemo-protective diet. <i>Physiological Genomics</i> , 2011, 43, 640-654. | 1.0 | 70 |
| 42 | MiR-150 Suppresses MLL-AF9 Associated Leukemia Through Simultaneously Targeting Multiple Oncogenes. <i>Blood</i> , 2011, 118, 3461-3461. | 0.6 | 0 |
| 43 | MicroRNA miR-125b causes leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21558-21563. | 3.3 | 247 |
| 44 | MicroRNA-125b Promotes Neuronal Differentiation in Human Cells by Repressing Multiple Targets. <i>Molecular and Cellular Biology</i> , 2009, 29, 5290-5305. | 1.1 | 260 |
| 45 | MicroRNA-125b is a novel negative regulator of p53. <i>Genes and Development</i> , 2009, 23, 862-876. | 2.7 | 571 |
| 46 | Micromanagement of the immune system by microRNAs. <i>Nature Reviews Immunology</i> , 2008, 8, 120-130. | 10.6 | 390 |
| 47 | miR-150, a microRNA expressed in mature B and T cells, blocks early B cell development when expressed prematurely. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7080-7085. | 3.3 | 562 |
| 48 | Enrichment of a Population of Mammary Gland Cells that Form Mammospheres and Have <i>In vivo</i> Repopulating Activity. <i>Cancer Research</i> , 2007, 67, 8131-8138. | 0.4 | 165 |