

# Beiyan Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

4,918  
citations

201674  
27  
h-index

243625  
44  
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48  
all docs

48  
docs citations

48  
times ranked

8795  
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, .	8.5	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.	16.2	91
4	Impact of microRNA Regulated Macrophage Actions on Adipose Tissue Function in Obesity. <i>Cells</i> , 2022, 11, 1336.	4.1	7
5	A novel strategy to dissect multifaceted macrophage function in human diseases. <i>Journal of Leukocyte Biology</i> , 2022, 112, 1535-1542.	3.3	12
6	Intracellular immune sensing promotes inflammation via gasdermin D-driven release of a lectin alarmin. <i>Nature Immunology</i> , 2021, 22, 154-165.	14.5	73
7	IF1 inactivation attenuates experimental colitis through downregulation of neutrophil infiltration in colon mucosa. <i>International Immunopharmacology</i> , 2021, 99, 107980.	3.8	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.	2.8	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.	7.1	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.	9.7	488
11	Single-cell transcriptomics-based MacSpectrum reveals macrophage activation signatures in diseases. <i>JCI Insight</i> , 2019, 4, .	5.0	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.	3.2	8
13	Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019, 10, 321-330.	6.4	121
14	MicroRNA regulated macrophage activation in obesity. <i>Journal of Translational Internal Medicine</i> , 2019, 7, 46-52.	2.5	22
15	Functional antagonism of sphingosine-1-phosphate receptor 1 prevents cuprizone-induced demyelination. <i>Glia</i> , 2018, 66, 654-669.	4.9	39
16	Macrophage polarization and meta-inflammation. <i>Translational Research</i> , 2018, 191, 29-44.	5.0	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.	3.1	1
18	Nutrition, microRNAs, and Human Health. <i>Advances in Nutrition</i> , 2017, 8, 105-112.	6.4	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.	5.4	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.	3.8	7
21	Bardoxolone Methyl and a Related Triterpenoid Downregulate cMyc Expression in Leukemia Cells. <i>Molecular Pharmacology</i> , 2017, 91, 438-450.	2.3	11
22	Cytokines and metabolic factors regulate tumoricidal T-cell function during cancer immunotherapy. <i>Immunotherapy</i> , 2017, 9, 71-82.	2.0	5
23	IRF6 Regulates Alternative Activation by Suppressing PPAR $\gamma$ in Male Murine Macrophages. <i>Endocrinology</i> , 2017, 158, 2837-2847.	2.8	18
24	miR-150 regulates obesity-associated insulin resistance by controlling B cell functions. <i>Scientific Reports</i> , 2016, 6, 20176.	3.3	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.	2.9	5
26	Deletion of miR-150 Exacerbates Retinal Vascular Overgrowth in High-Fat-Diet Induced Diabetic Mice. <i>PLoS ONE</i> , 2016, 11, e0157543.	2.5	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.	1.8	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.	2.7	48
30	MicroRNA-223 is a crucial mediator of PPAR $\gamma$ -regulated alternative macrophage activation. <i>Journal of Clinical Investigation</i> , 2015, 125, 4149-4159.	8.2	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.	0.5	0
32	MicroRNAs Control Macrophage Formation and Activation: The Inflammatory Link between Obesity and Cardiovascular Diseases. <i>Cells</i> , 2014, 3, 702-712.	4.1	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.	2.6	42
34	Interferon Tau Alleviates Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance by Regulating Macrophage Polarization. <i>PLoS ONE</i> , 2014, 9, e98835.	2.5	26
35	Investigation of Macrophage Polarization Using Bone Marrow Derived Macrophages. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	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.	2.3	19

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37	miR-150 Blocks MLL-AF9 Associated Leukemia through Oncogene Repression. Molecular Cancer Research, 2013, 11, 912-922.	3.4	32
38	Activation of GPER Induces Differentiation and Inhibition of Coronary Artery Smooth Muscle Cell Proliferation. PLoS ONE, 2013, 8, e64771.	2.5	38
39	MiR-150 Inhibits MLL-AF9 Associated Leukemia By Suppressing Leukemic Stem Cells. Blood, 2013, 122, 3764-3764.	1.4	0
40	A Novel Regulator of Macrophage Activation. Circulation, 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. Physiological Genomics, 2011, 43, 640-654.	2.3	70
42	MiR-150 Suppresses MLL-AF9 Associated Leukemia Through Simultaneously Targeting Multiple Oncogenes,. Blood, 2011, 118, 3461-3461.	1.4	0
43	MicroRNA miR-125b causes leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21558-21563.	7.1	247
44	MicroRNA-125b Promotes Neuronal Differentiation in Human Cells by Repressing Multiple Targets. Molecular and Cellular Biology, 2009, 29, 5290-5305.	2.3	260
45	MicroRNA-125b is a novel negative regulator of p53. Genes and Development, 2009, 23, 862-876.	5.9	571
46	Micromanagement of the immune system by microRNAs. Nature Reviews Immunology, 2008, 8, 120-130.	22.7	390
47	miR-150, a microRNA expressed in mature B and T cells, blocks early B cell development when expressed prematurely. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7080-7085.	7.1	562
48	Enrichment of a Population of Mammary Gland Cells that Form Mammospheres and Have <i>In vivo</i> Repopulating Activity. Cancer Research, 2007, 67, 8131-8138.	0.9	165