

Yinming Liang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

981
citations

567281

15
h-index

454955

30
g-index

42
all docs

42
docs citations

42
times ranked

1791
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Macrophage/microglial Ezh2 facilitates autoimmune inflammation through inhibition of Socs3. <i>Journal of Experimental Medicine</i> , 2018, 215, 1365-1382. | 8.5 | 135 |
| 2 | Quantitative proteomics analysis of signalosome dynamics in primary T cells identifies the surface receptor CD6 as a Lat adaptor-independent TCR signaling hub. <i>Nature Immunology</i> , 2014, 15, 384-392. | 14.5 | 119 |
| 3 | The lymphoid lineage-specific actin-uncapping protein Rltpr is essential for costimulation via CD28 and the development of regulatory T cells. <i>Nature Immunology</i> , 2013, 14, 858-866. | 14.5 | 100 |
| 4 | The scaffolding function of the RLTPR protein explains its essential role for CD28 co-stimulation in mouse and human T cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 2437-2457. | 8.5 | 91 |
| 5 | Quantitative interactomics in primary T cells unveils TCR signal diversification extent and dynamics. <i>Nature Immunology</i> , 2019, 20, 1530-1541. | 14.5 | 78 |
| 6 | A hypomorphic mutation in the Gfi1 transcriptional repressor results in a novel form of neutropenia. <i>European Journal of Immunology</i> , 2012, 42, 2395-2408. | 2.9 | 54 |
| 7 | Essential roles of S100A10 in Toll-like receptor signaling and immunity to infection. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1053-1062. | 10.5 | 37 |
| 8 | Cytoplasmic DNA sensing by KU complex in aged CD4+ T cell potentiates T cell activation and aging-related autoimmune inflammation. <i>Immunity</i> , 2021, 54, 632-647.e9. | 14.3 | 37 |
| 9 | The Role of Plasmacytoid Dendritic Cells in Cancers. <i>Frontiers in Immunology</i> , 2021, 12, 749190. | 4.8 | 33 |
| 10 | A severe atherosclerosis mouse model on the resistant NOD background. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, . | 2.4 | 24 |
| 11 | Speed genome editing by transient CRISPR/Cas9 targeting and large DNA fragment deletion. <i>Journal of Biotechnology</i> , 2018, 281, 11-20. | 3.8 | 23 |
| 12 | GFAP hyperpalmitoylation exacerbates astrogliosis and neurodegenerative pathology in PPT1-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 22 |
| 13 | PCDHB14 promotes ferroptosis and is a novel tumor suppressor in hepatocellular carcinoma. <i>Oncogene</i> , 2022, 41, 3570-3583. | 5.9 | 22 |
| 14 | The three members of the Vav family proteins form complexes that concur to foam cell formation and atherosclerosis. <i>Journal of Lipid Research</i> , 2019, 60, 2006-2019. | 4.2 | 17 |
| 15 | Precise and Rapid Validation of Candidate Gene by Allele Specific Knockout With CRISPR/Cas9 in Wild Mice. <i>Frontiers in Genetics</i> , 2019, 10, 124. | 2.3 | 17 |
| 16 | Probable involvement of p11 with interferon alpha induced depression. <i>Scientific Reports</i> , 2016, 6, 17029. | 3.3 | 16 |
| 17 | A 1-bp deletion in the ^{13}C -crystallin leads to dominant cataracts in mice. <i>Mammalian Genome</i> , 2010, 21, 361-369. | 2.2 | 15 |
| 18 | A novel strategy for genetic dissection of complex traits: the population of specific chromosome substitution strains from laboratory and wild mice. <i>Mammalian Genome</i> , 2010, 21, 370-376. | 2.2 | 14 |

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|----|--|-----|-----------|
| 19 | ARHGAP45 controls naïve and B cell entry into lymph nodes and T cell progenitor thymus seeding. <i>EMBO Reports</i> , 2021, 22, e52196. | 4.5 | 14 |
| 20 | N2-Polarized Neutrophils Reduce Inflammation in Rosacea by Regulating Vascular Factors and Proliferation of CD4+ T Cells. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1835-1844.e2. | 0.7 | 14 |
| 21 | Zdhhc2 Is Essential for Plasmacytoid Dendritic Cells Mediated Inflammatory Response in Psoriasis. <i>Frontiers in Immunology</i> , 2020, 11, 607442. | 4.8 | 12 |
| 22 | Multiplex quantification of 16S rDNA of predominant bacteria group within human fecal samples by polymerase chain reaction and ligase detection reaction (PCR-LDR). <i>Journal of Microbiological Methods</i> , 2009, 76, 289-294. | 1.6 | 9 |
| 23 | A point mutation in the extracellular domain of CD4 completely abolishes CD4 T cell development in C57BL/6 mouse. <i>Molecular Immunology</i> , 2017, 92, 12-20. | 2.2 | 9 |
| 24 | Transcription Coactivator BCL3 Acts as a Potential Regulator of Lipid Metabolism Through the Effects on Inflammation. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4915-4926. | 3.5 | 9 |
| 25 | A Dominant X-Linked QTL Regulating Pubertal Timing in Mice Found by Whole Genome Scanning and Modified Interval-Specific Congenic Strain Analysis. <i>PLoS ONE</i> , 2008, 3, e3021. | 2.5 | 7 |
| 26 | The Preconditioning of Busulfan Promotes Efficiency of Human CD133+ Cells Engraftment in NOD Shi-SCID IL2R β null (NOG) Mice via Intra-Bone Marrow Injection. <i>Cell Transplantation</i> , 2019, 28, 973-979. | 2.5 | 7 |
| 27 | Gfi1 and Zc3h12c orchestrate a negative feedback loop that inhibits NF- κ B activation during inflammation in macrophages. <i>Molecular Immunology</i> , 2020, 128, 219-226. | 2.2 | 7 |
| 28 | Excessive immunosuppression by regulatory T cells antagonizes T cell response to schistosome infection in PD-1-deficient mice. <i>PLoS Pathogens</i> , 2022, 18, e1010596. | 4.7 | 7 |
| 29 | Loss of natural resistance to schistosome in T cell deficient rat. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008909. | 3.0 | 6 |
| 30 | An inducible model for specific neutrophil depletion by diphtheria toxin in mice. <i>Science China Life Sciences</i> , 2021, 64, 1227-1235. | 4.9 | 4 |
| 31 | Hedgehog signalling controls sinoatrial node development and atrioventricular cushion formation. <i>Open Biology</i> , 2021, 11, 210020. | 3.6 | 4 |
| 32 | Sfn4 deficiency improves MAPK-mediated inflammation, oxidative stress, apoptosis and abates atherosclerosis progression in apolipoprotein E-deficient mice. <i>Atherosclerosis</i> , 2021, 337, 42-52. | 0.8 | 4 |
| 33 | Gene Knock-in by CRISPR/Cas9 and Cell Sorting in Macrophage and T Cell Lines. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.3 | 4 |
| 34 | RUFY4 exists as two translationally regulated isoforms, that localize to the mitochondrion in activated macrophages. <i>Royal Society Open Science</i> , 2021, 8, 202333. | 2.4 | 3 |
| 35 | A Murine Point Mutation of Sgpl1 Skin Is Enriched With IL17-Producing Cell and Revealed With Hyperpigmentation After Imiquimod Treatment. <i>Frontiers in Immunology</i> , 0, 13, . | 4.8 | 3 |
| 36 | The Developmental Transcription Factor p63 Is Redeployed to Drive Allergic Skin Inflammation through Phosphorylation by p38. <i>Journal of Immunology</i> , 2022, 208, 2613-2621. | 0.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The phenotypic distribution of quantitative traits in a wild mouse F1 population. <i>Mammalian Genome</i> , 2012, 23, 232-240. | 2.2 | 1 |
| 38 | sgRNA Knock-in Mouse Provides an Alternative Approach for In Vivo Genetic Modification. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 769673. | 3.7 | 1 |
| 39 | Hâ€ras Signaling Mediates Microglia Proliferation Contributing to Neuropathology in INCL Mice. <i>FASEB Journal</i> , 2019, 33, 654.9. | 0.5 | 0 |