

Xue Zhang

List of Publications by Year in descending order

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36
papers

1,965
citations

394421

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345221

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docs citations

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2994
citing authors

#	ARTICLE	IF	CITATIONS
1	METTL3 promotes lung adenocarcinoma tumor growth and inhibits ferroptosis by stabilizing SLC7A11 m6A modification. <i>Cancer Cell International</i> , 2022, 22, 11.	4.1	57
2	Ubiquitination of NLRP3 by gp78/Insig-1 restrains NLRP3 inflammasome activation. <i>Cell Death and Differentiation</i> , 2022, 29, 1582-1595.	11.2	17
3	Epithelial Gasdermin D shapes the host-microbial interface by driving mucus layer formation. <i>Science Immunology</i> , 2022, 7, eabk2092.	11.9	48
4	Endothelial Shp2 deficiency controls alternative activation of macrophage preventing radiation-induced lung injury through notch signaling. <i>IScience</i> , 2022, 25, 103867.	4.1	6
5	GAB1 is upregulated to promote anaplastic thyroid cancer cell migration through AKT-MDR1. <i>Biochemical and Biophysical Research Communications</i> , 2022, 607, 36-43.	2.1	1
6	Kir2.1-mediated membrane potential promotes nutrient acquisition and inflammation through regulation of nutrient transporters. <i>Nature Communications</i> , 2022, 13, .	12.8	12
7	Tyrosine phosphatase Shp2 regulates p115RhoGEF/Rho-dependent dendritic cell migration. <i>Cellular and Molecular Immunology</i> , 2021, 18, 755-757.	10.5	5
8	Gremlin2 Activates Fibroblasts to Promote Pulmonary Fibrosis Through the Bone Morphogenic Protein Pathway. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 683267.	3.5	5
9	AKT controls NLRP3 inflammasome activation by inducing DDX3X phosphorylation. <i>FEBS Letters</i> , 2021, 595, 2447-2462.	2.8	13
10	Endothelial deletion of SHP2 suppresses tumor angiogenesis and promotes vascular normalization. <i>Nature Communications</i> , 2021, 12, 6310.	12.8	47
11	Oxidative stress-induced FABP5 S-glutathionylation protects against acute lung injury by suppressing inflammation in macrophages. <i>Nature Communications</i> , 2021, 12, 7094.	12.8	53
12	PDLIM5 inhibits STUB1-mediated degradation of SMAD3 and promotes the migration and invasion of lung cancer cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 13798-13811.	3.4	40
13	Histone Deacetylase 3 Couples Mitochondria to Drive IL-1 β -Dependent Inflammation by Configuring Fatty Acid Oxidation. <i>Molecular Cell</i> , 2020, 80, 43-58.e7.	9.7	55
14	A novel cell-based assay for dynamically detecting neutrophil extracellular traps-induced lung epithelial injuries. <i>Experimental Cell Research</i> , 2020, 394, 112101.	2.6	27
15	Endothelial Scaffolding Protein ENH (Enigma Homolog Protein) Promotes PHLPP2 (Pleckstrin) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T and eNOS (Endothelial NO Synthase) Promoting Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1705-1721.	2.4	22
16	SHP2 protects endothelial cell barrier through suppressing VE-cadherin internalization regulated by MET-ARF1. <i>FASEB Journal</i> , 2019, 33, 1124-1137.	0.5	18
17	One-Carbon Metabolism Supports S-Adenosylmethionine and Histone Methylation to Drive Inflammatory Macrophages. <i>Molecular Cell</i> , 2019, 75, 1147-1160.e5.	9.7	186
18	Shp2 in myocytes is essential for cardiovascular and neointima development. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 137, 71-81.	1.9	5

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19	Phosphatase Shp2 exacerbates intestinal inflammation by disrupting macrophage responsiveness to interleukin-10. <i>Journal of Experimental Medicine</i> , 2019, 216, 337-349.	8.5	70
20	Compatibility principle in the Tanyu Tongzhi Formula revealed by a cell-based analysis. <i>Journal of Ethnopharmacology</i> , 2019, 231, 507-515.	4.1	10
21	The NLRP3 inflammasome: Role in metabolic disorders and regulation by metabolic pathways. <i>Cancer Letters</i> , 2018, 419, 8-19.	7.2	68
22	Cholesterol Homeostatic Regulator SCAP-SREBP2 Integrates NLRP3 Inflammasome Activation and Cholesterol Biosynthetic Signaling in Macrophages. <i>Immunity</i> , 2018, 49, 842-856.e7.	14.3	184
23	Macrophage-Restricted Shp2 Tyrosine Phosphatase Acts as a Rheostat for MMP12 through TGF- β^2 Activation in the Prevention of Age-Related Emphysema in Mice. <i>Journal of Immunology</i> , 2017, 199, 2323-2332.	0.8	21
24	Increased levels of Gab1 and Gab2 adaptor proteins skew interleukin-4 (IL-4) signaling toward M2 macrophage-driven pulmonary fibrosis in mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 14003-14015.	3.4	54
25	Positive Regulation of Interleukin-1 β Bioactivity by Physiological ROS-Mediated Cysteine S-Glutathionylation. <i>Cell Reports</i> , 2017, 20, 224-235.	6.4	35
26	Epithelial disruption of Gab1 perturbs surfactant homeostasis and predisposes mice to lung injuries. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1149-L1159.	2.9	10
27	Cell-based phenotypic screening of mast cell degranulation unveils kinetic perturbations of agents targeting phosphorylation. <i>Scientific Reports</i> , 2016, 6, 31320.	3.3	10
28	Bile Acids Control Inflammation and Metabolic Disorder through Inhibition of NLRP3 Inflammasome. <i>Immunity</i> , 2016, 45, 802-816.	14.3	520
29	Manipulating the air-filled zebrafish swim bladder as a neutrophilic inflammation model for acute lung injury. <i>Cell Death and Disease</i> , 2016, 7, e2470-e2470.	6.3	39
30	Scaffolding protein Gab1 regulates myeloid dendritic cell migration in allergic asthma. <i>Cell Research</i> , 2016, 26, 1226-1241.	12.0	16
31	Tespa1 negatively regulates Fc γ RI-mediated signaling and the mast cell-mediated allergic response. <i>Journal of Experimental Medicine</i> , 2014, 211, 2635-2649.	8.5	13
32	Myeloid-Specific Disruption of Tyrosine Phosphatase Shp2 Promotes Alternative Activation of Macrophages and Predisposes Mice to Pulmonary Fibrosis. <i>Journal of Immunology</i> , 2014, 193, 2801-2811.	0.8	93
33	Loss of Shp2 in alveoli epithelia induces deregulated surfactant homeostasis, resulting in spontaneous pulmonary fibrosis. <i>FASEB Journal</i> , 2012, 26, 2338-2350.	0.5	52
34	Docking protein Gab2 regulates mucin expression and goblet cell hyperplasia through TYK2/STAT6 pathway. <i>FASEB Journal</i> , 2012, 26, 4603-4613.	0.5	17
35	A dynamic real-time method for monitoring epithelial barrier function in vitro. <i>Analytical Biochemistry</i> , 2012, 425, 96-103.	2.4	44
36	A highly conserved processed PTEN pseudogene is located on chromosome band 9p21. <i>Oncogene</i> , 1998, 16, 2403-2406.	5.9	92