

Jing Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,947
citations

257450

24
h-index

302126

39
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83
all docs

83
docs citations

83
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	F-box protein FBXL19-mediated ubiquitination and degradation of the receptor for IL-33 limits pulmonary inflammation. <i>Nature Immunology</i> , 2012, 13, 651-658.	14.5	127
2	A combinatorial F box protein directed pathway controls TRAF adaptor stability to regulate inflammation. <i>Nature Immunology</i> , 2013, 14, 470-479.	14.5	118
3	A new mechanism of RhoA ubiquitination and degradation: Roles of SCF FBXL19 E3 ligase and Erk2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2757-2764.	4.1	74
4	Oxidative stress in the trabecular meshwork (Review). <i>International Journal of Molecular Medicine</i> , 2016, 38, 995-1002.	4.0	73
5	The role of ubiquitination and deubiquitination in the regulation of cell junctions. <i>Protein and Cell</i> , 2018, 9, 754-769.	11.0	71
6	SCF E3 ligase F-box protein complex SCF ^{FBXL19} regulates cell migration by mediating Rac1 ubiquitination and degradation. <i>FASEB Journal</i> , 2013, 27, 2611-2619.	0.5	67
7	Induction of Deubiquitinating Enzyme USP50 during Erythropoiesis and its Potential Role in the Regulation of Ku70 Stability. <i>Journal of Investigative Medicine</i> , 2018, 66, 1-6.	1.6	64
8	Overexpression of USP14 Protease Reduces I β B Protein Levels and Increases Cytokine Release in Lung Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 15437-15441.	3.4	62
9	Lysophosphatidic acid receptor 1 modulates lipopolysaccharide-induced inflammation in alveolar epithelial cells and murine lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L547-L556.	2.9	59
10	Targeting F Box Protein Fbxo3 To Control Cytokine-Driven Inflammation. <i>Journal of Immunology</i> , 2013, 191, 5247-5255.	0.8	55
11	F-box protein complex FBXL19 regulates TGF β 21-induced E-cadherin down-regulation by mediating Rac3 ubiquitination and degradation. <i>Molecular Cancer</i> , 2014, 13, 76.	19.2	52
12	Full Spectrum of LPS Activation in Alveolar Macrophages of Healthy Volunteers by Whole Transcriptomic Profiling. <i>PLoS ONE</i> , 2016, 11, e0159329.	2.5	51
13	Autotaxin induces lung epithelial cell migration through lysoPLD activity-dependent and -independent pathways. <i>Biochemical Journal</i> , 2011, 439, 45-55.	3.7	39
14	Ubiquitin carboxyl-terminal hydrolase-L5 promotes TGF β 2-1 signaling by de-ubiquitinating and stabilizing Smad2/Smad3 in pulmonary fibrosis. <i>Scientific Reports</i> , 2016, 6, 33116.	3.3	37
15	Berberine produces antidepressant-like effects in ovariectomized mice. <i>Scientific Reports</i> , 2017, 7, 1310.	3.3	37
16	Regulation of the ubiquitylation and deubiquitylation of CREB-binding protein modulates histone acetylation and lung inflammation. <i>Science Signaling</i> , 2017, 10, .	3.6	33
17	Extracellular Signal-regulated Kinase (ERK) Regulates Cortactin Ubiquitination and Degradation in Lung Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 19105-19114.	3.4	32
18	Phosphorylated E2F1 is stabilized by nuclear USP11 to drive Peg10 gene expression and activate lung epithelial cells. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 60-73.	3.3	29

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19	The deubiquitinating enzyme USP48 stabilizes TRAF2 and reduces E-cadherin-mediated adherens junctions. <i>FASEB Journal</i> , 2018, 32, 230-242.	0.5	28
20	Interleukin-33 and its Receptor in Pulmonary Inflammatory Diseases. <i>Critical Reviews in Immunology</i> , 2015, 35, 451-461.	0.5	27
21	Pharmacologic IKK/NF- κ B inhibition causes antigen presenting cells to undergo TNF α dependent ROS-mediated programmed cell death. <i>Scientific Reports</i> , 2014, 4, 3631.	3.3	27
22	Review of clinical and basic approaches of fungal keratitis. <i>International Journal of Ophthalmology</i> , 2016, 9, 1676-1683.	1.1	27
23	IRIS-EDA: An integrated RNA-Seq interpretation system for gene expression data analysis. <i>PLoS Computational Biology</i> , 2019, 15, e1006792.	3.2	27
24	Toll interacting protein protects bronchial epithelial cells from bleomycin-induced apoptosis. <i>FASEB Journal</i> , 2020, 34, 9884-9898.	0.5	27
25	Ubiquitin-specific protease 14 is a new therapeutic target for the treatment of diseases. <i>Journal of Cellular Physiology</i> , 2021, 236, 3396-3405.	4.1	27
26	TRIM21 Mitigates Human Lung Microvascular Endothelial Cells' Inflammatory Responses to LPS. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 776-785.	2.9	26
27	Ubiquitination and deubiquitination emerge as players in idiopathic pulmonary fibrosis pathogenesis and treatment. <i>JCI Insight</i> , 2018, 3, .	5.0	26
28	Glycogen Synthase Kinase-3 β Stabilizes the Interleukin (IL)-22 Receptor from Proteasomal Degradation in Murine Lung Epithelia. <i>Journal of Biological Chemistry</i> , 2014, 289, 17610-17619.	3.4	25
29	Lysophosphatidic acid receptor 1 antagonist ki16425 blunts abdominal and systemic inflammation in a mouse model of peritoneal sepsis. <i>Translational Research</i> , 2015, 166, 80-88.	5.0	25
30	SCFFBXO17 E3 ligase modulates inflammation by regulating proteasomal degradation of glycogen synthase kinase-3 β in lung epithelia. <i>Journal of Biological Chemistry</i> , 2017, 292, 7452-7461.	3.4	25
31	The deubiquitinase USP13 stabilizes the anti-inflammatory receptor IL-1R8/Sigirr to suppress lung inflammation. <i>EBioMedicine</i> , 2019, 45, 553-562.	6.1	25
32	Optic Disc Segmentation Using Attention-Based U-Net and the Improved Cross-Entropy Convolutional Neural Network. <i>Entropy</i> , 2020, 22, 844.	2.2	25
33	Destabilization of Lysophosphatidic Acid Receptor 1 Reduces Cytokine Release and Protects Against Lung Injury. <i>EBioMedicine</i> , 2016, 10, 195-203.	6.1	23
34	Lysophosphatidic acid increases soluble ST2 expression in mouse lung and human bronchial epithelial cells. <i>Cellular Signalling</i> , 2012, 24, 77-85.	3.6	22
35	FBXO17 promotes cell proliferation through activation of Akt in lung adenocarcinoma cells. <i>Respiratory Research</i> , 2018, 19, 206.	3.6	22
36	Serum starvation regulates E-cadherin upregulation via activation of c-Src in non-small-cell lung cancer A549 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C893-C899.	4.6	21

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37	Focal Adhesion Kinase-mediated Activation of Glycogen Synthase Kinase 3 β Regulates IL-33 Receptor Internalization and IL-33 Signaling. <i>Journal of Immunology</i> , 2015, 194, 795-802.	0.8	21
38	Biosynthesis of oxidized lipid mediators via lipoprotein-associated phospholipase A ₂ hydrolysis of extracellular cardiolipin induces endothelial toxicity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L303-L316.	2.9	20
39	Dioscin improves postmenopausal osteoporosis through inducing bone formation and inhibiting apoptosis in ovariectomized rats. <i>BioScience Trends</i> , 2019, 13, 394-401.	3.4	20
40	The Roles of Various Prostaglandins in Fibrosis: A Review. <i>Biomolecules</i> , 2021, 11, 789.	4.0	20
41	AM966, an Antagonist of Lysophosphatidic Acid Receptor 1, Increases Lung Microvascular Endothelial Permeability through Activation of Rho Signaling Pathway and Phosphorylation of VE-Cadherin. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12.	3.0	19
42	Multi-channel graph attention autoencoders for disease-related lncRNAs prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	19
43	The CLC-2 Chloride Channel Modulates ECM Synthesis, Differentiation, and Migration of Human Conjunctival Fibroblasts via the PI3K/Akt Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2016, 17, 910.	4.1	17
44	Perspectives of small molecule inhibitors of activin receptor-like kinase in anti-tumor treatment and stem cell differentiation (Review). <i>Molecular Medicine Reports</i> , 2019, 19, 5053-5062.	2.4	17
45	Histone acetyltransferase CBP promotes function of SCF FBXL19 ubiquitin E3 ligase by acetylation and stabilization of its box protein subunit. <i>FASEB Journal</i> , 2018, 32, 4284-4292.	0.5	16
46	Artificial intelligence in clinical research of cancers. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	14
47	FGFR3 phosphorylates EGFR to promote cisplatin-resistance in ovarian cancer. <i>Biochemical Pharmacology</i> , 2021, 190, 114536.	4.4	13
48	Effect of Nrf2 on rat ovarian tissues against atrazine-induced anti-oxidative response. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 2780-9.	0.5	13
49	Two distinct E3 ligases, SCF ^{FBXL19} and HECW1, degrade thyroid transcription factor 1 in normal thyroid epithelial and follicular thyroid carcinoma cells, respectively. <i>FASEB Journal</i> , 2019, 33, 10538-10550.	0.5	11
50	PV1: Gatekeeper of Endothelial Permeability. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 413-414.	2.9	11
51	Molecular regulation of lysophosphatidic acid receptor 1 trafficking to the cell surface. <i>Cellular Signalling</i> , 2014, 26, 2406-2411.	3.6	10
52	Acute Lung Injury, Repair, and Remodeling: Pulmonary Endothelial and Epithelial Biology. <i>Mediators of Inflammation</i> , 2017, 2017, 1-2.	3.0	10
53	Cross-talk between lysophosphatidic acid receptor 1 and tropomyosin receptor kinase A promotes lung epithelial cell migration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 229-235.	4.1	9
54	Inhibition of Raf1 ameliorates bleomycin-induced pulmonary fibrosis through attenuation of TGF- β 1 signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L241-L247.	2.9	9

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55	The HECT ubiquitin E3 ligase Smurf2 degrades μ -opioid receptor 1 in the ubiquitin-proteasome system in lung epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C632-C640.	4.6	9
56	Assessing deep learning methods in cis-regulatory motif finding based on genomic sequencing data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	9
57	Comparison of clinical features and outcomes in peritoneal dialysis-associated peritonitis patients with and without diabetes: A multicenter retrospective cohort study. <i>World Journal of Diabetes</i> , 2020, 11, 435-446.	3.5	9
58	FOXO3a is stabilized by USP18-mediated de-ubiquitination and inhibits TGF- β 1-induced fibronectin expression. <i>Journal of Investigative Medicine</i> , 2020, 68, 786-791.	1.6	8
59	Lysophospholipids in Lung Inflammatory Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1303, 373-391.	1.6	8
60	IL-37-induced activation of glycogen synthase kinase 3 β promotes IL-1R8/SigIRR phosphorylation, internalization, and degradation in lung epithelial cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 5676-5685.	4.1	8
61	NPPB modulates apoptosis, proliferation, migration and extracellular matrix synthesis of conjunctival fibroblasts by inhibiting PI3K/AKT signaling. <i>International Journal of Molecular Medicine</i> , 2017, 41, 1331-1338.	4.0	7
62	The E3 ubiquitin ligase HECW1 targets thyroid transcription factor 1 (TTF1/NKX2.1) for its degradation in the ubiquitin-proteasome system. <i>Cellular Signalling</i> , 2019, 58, 91-98.	3.6	7
63	Potential Protective and Therapeutic Roles of the Nrf2 Pathway in Ocular Diseases: An Update. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-22.	4.0	7
64	Deubiquitinase USP13 promotes extracellular matrix expression by stabilizing Smad4 in lung fibroblast cells. <i>Translational Research</i> , 2020, 223, 15-24.	5.0	7
65	SCF FBXW17 E3 ubiquitin ligase regulates FBXL19 stability and cell migration. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 326-334.	2.6	6
66	Utility of machine learning in developing a predictive model for early-age-onset colorectal neoplasia using electronic health records. <i>PLoS ONE</i> , 2022, 17, e0265209.	2.5	6
67	Applications of Artificial Intelligence in Myopia: Current and Future Directions. <i>Frontiers in Medicine</i> , 2022, 9, 840498.	2.6	6
68	Aptamer Nanomaterials for Ovarian Cancer Target Theranostics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 884405.	4.1	6
69	Lipopolysaccharide reduces USP13 stability through c-Jun N-terminal kinase activation in Kupffer cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 4360-4368.	4.1	5
70	Effect of chloride channel activity on retinal pigment cell proliferation and migration. <i>Molecular Medicine Reports</i> , 2017, 15, 1771-1776.	2.4	4
71	Influence of guided waves in bone on pulse-inversion contrast-enhanced ultrasound. <i>Medical Physics</i> , 2019, 46, 3475-3482.	3.0	4
72	A blocking peptide stabilizes lysophosphatidic acid receptor 1 and promotes lysophosphatidic acid-induced cellular responses. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 827-834.	2.6	4

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73	Non-Cationic RGD-Containing Protein Nanocarrier for Tumor-Targeted siRNA Delivery. <i>Pharmaceutics</i> , 2021, 13, 2182.	4.5	4
74	Selection of suitable reference genes for quantitative real-time PCR in trabecular meshwork cells under oxidative stress. <i>Free Radical Research</i> , 2017, 51, 103-111.	3.3	3
75	5-Nitro-(3-phenylpropylamino) benzoic acid induces apoptosis of human lens epithelial cells via reactive oxygen species and endoplasmic reticulum stress through the mitochondrial apoptosis pathway. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	4.0	3
76	Molecular Regulation of Lysophosphatidic Acid Receptor 1 Maturation and Desensitization. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 477-483.	1.8	3
77	Lysophosphatidic Acid Regulates Rho Family of GTPases in Lungs. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 493-496.	1.8	3
78	Proteasome Inhibitors Diminish c-Met Expression and Induce Cell Death in Non-Small Cell Lung Cancer Cells. <i>Oncology Research</i> , 2020, 28, 497-507.	1.5	3
79	USP13 Deficiency Aggravates Cigarette-smoke-induced Alveolar Space Enlargement. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 485-491.	1.8	1
80	Atrazine Promoted Epithelial Ovarian Cancer Cells Proliferation and Metastasis by Inducing Low Dose Reactive Oxygen Species (ROS). <i>Iranian Journal of Biotechnology</i> , 2021, 19, e2623.	0.3	1
81	Hypoperfusion retinopathy and elevated intraocular pressure in a 17-year-old. <i>Journal of AAPOS</i> , 2017, 21, 246-249.	0.3	0
82	Molecular regulation of G-protein-coupled receptor, lysophosphatidic acid receptor 1, trafficking to the cell surface.. <i>FASEB Journal</i> , 2015, 29, 882.7.	0.5	0