Jing Zhao

List of Publications by Year in descending order

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82 papers	1,947 citations	257450 24 h-index	302126 39 g-index
83 all docs	83 docs citations	83 times ranked	2965 citing authors

#	Article	IF	Citations
1	Assessing deep learning methods in cis-regulatory motif finding based on genomic sequencing data. Briefings in Bioinformatics, 2022, 23, .	6.5	9
2	Multi-channel graph attention autoencoders for disease-related lncRNAs prediction. Briefings in Bioinformatics, 2022, 23, .	6.5	19
3	Utility of machine learning in developing a predictive model for early-age-onset colorectal neoplasia using electronic health records. PLoS ONE, 2022, 17, e0265209.	2.5	6
4	Applications of Artificial Intelligence in Myopia: Current and Future Directions. Frontiers in Medicine, 2022, 9, 840498.	2.6	6
5	Artificial intelligence in clinical research of cancers. Briefings in Bioinformatics, 2022, 23, .	6.5	14
6	Aptamer Nanomaterials for Ovarian Cancer Target Theranostics. Frontiers in Bioengineering and Biotechnology, 2022, 10, 884405.	4.1	6
7	SCF FBXW17 E3 ubiquitin ligase regulates FBXL19 stability and cell migration. Journal of Cellular Biochemistry, 2021, 122, 326-334.	2.6	6
8	Lipopolysaccharide reduces USP13 stability through câ€jun Nâ€terminal kinase activation in Kupffer cells. Journal of Cellular Physiology, 2021, 236, 4360-4368.	4.1	5
9	Ubiquitinâ€specific protease 14 is a new therapeutic target for the treatment of diseases. Journal of Cellular Physiology, 2021, 236, 3396-3405.	4.1	27
10	Lysophospholipids in Lung Inflammatory Diseases. Advances in Experimental Medicine and Biology, 2021, 1303, 373-391.	1.6	8
11	ILâ€37â€induced activation of glycogen synthase kinase 3Î² promotes ILâ€1R8/Sigirr phosphorylation, internalization, and degradation in lung epithelial cells. Journal of Cellular Physiology, 2021, 236, 5676-5685.	4.1	8
12	5â€‘Nitroâ€‘2â€‘(3â€‘phenylpropylamino) benzoic acid induces apoptosis of human lens epithelial cells via reactive oxygen species and endoplasmic reticulum stress through the mitochondrial apoptosis pathway. International Journal of Molecular Medicine, 2021, 47, .	4.0	3
13	A blocking peptide stabilizes lysophosphatidic acid receptor 1 and promotes lysophosphatidic acidâ€induced cellular responses. Journal of Cellular Biochemistry, 2021, 122, 827-834.	2.6	4
14	USP13 Deficiency Aggravates Cigarette-smoke-induced Alveolar Space Enlargement. Cell Biochemistry and Biophysics, 2021, 79, 485-491.	1.8	1
15	The Roles of Various Prostaglandins in Fibrosis: A Review. Biomolecules, 2021, 11, 789.	4.0	20
16	Molecular Regulation of Lysophosphatidic Acid Receptor 1 Maturation and Desensitization. Cell Biochemistry and Biophysics, 2021, 79, 477-483.	1.8	3
17	Lysophosphatidic Acid Regulates Rho Family of GTPases in Lungs. Cell Biochemistry and Biophysics, 2021, 79, 493-496.	1.8	3
18	FGFR3 phosphorylates EGFR to promote cisplatin-resistance in ovarian cancer. Biochemical Pharmacology, 2021, 190, 114536.	4.4	13

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19	Atrazine Promoted Epithelial Ovarian Cancer Cells Proliferation and Metastasis by Inducing Low Dose Reactive Oxygen Species (ROS). Iranian Journal of Biotechnology, 2021, 19, e2623.	0.3	1
20	Non-Cationic RGD-Containing Protein Nanocarrier for Tumor-Targeted siRNA Delivery. Pharmaceutics, 2021, 13, 2182.	4.5	4
21	Toll interacting protein protects bronchial epithelial cells from bleomycinâ€induced apoptosis. FASEB Journal, 2020, 34, 9884-9898.	0.5	27
22	PV1: Gatekeeper of Endothelial Permeability. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 413-414.	2.9	11
23	Optic Disc Segmentation Using Attention-Based U-Net and the Improved Cross-Entropy Convolutional Neural Network. Entropy, 2020, 22, 844.	2.2	25
24	FOXO3a is stabilized by USP18-mediated de-ISGylation and inhibits TGF-Î²1-induced fibronectin expression. Journal of Investigative Medicine, 2020, 68, 786-791.	1.6	8
25	Potential Protective and Therapeutic Roles of the Nrf2 Pathway in Ocular Diseases: An Update. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-22.	4.0	7
26	Deubiquitinase USP13 promotes extracellular matrix expression by stabilizing Smad4 in lung fibroblast cells. Translational Research, 2020, 223, 15-24.	5.0	7
27	Proteasome Inhibitors Diminish c-Met Expression and Induce Cell Death in Non-Small Cell Lung Cancer Cells. Oncology Research, 2020, 28, 497-507.	1.5	3
28	Comparison of clinical features and outcomes in peritoneal dialysis-associated peritonitis patients with and without diabetes: A multicenter retrospective cohort study. World Journal of Diabetes, 2020, 11, 435-446.	3.5	9
29	Two distinct E3 ligases, SCF^{FBXL19}and HECW1, degrade thyroid transcription factor 1 in normal thyroid epithelial and follicular thyroid carcinoma cells, respectively. FASEB Journal, 2019, 33, 10538-10550.	0.5	11
30	Perspectives of small molecule inhibitors of activin receptorâ€like kinase in antiâ€tumor treatment and stem cell differentiation (Review). Molecular Medicine Reports, 2019, 19, 5053-5062.	2.4	17
31	Dioscin improves postmenopausal osteoporosis through inducing bone formation and inhibiting apoptosis in ovariectomized rats. BioScience Trends, 2019, 13, 394-401.	3.4	20
32	The deubiquitinase USP13 stabilizes the anti-inflammatory receptor IL-1R8/Sigirr to suppress lung inflammation. EBioMedicine, 2019, 45, 553-562.	6.1	25
33	Influence of guided waves in bone on pulseâ€inversion contrastâ€enhanced ultrasound. Medical Physics, 2019, 46, 3475-3482.	3.0	4
34	TRIM21 Mitigates Human Lung Microvascular Endothelial Cellsâ€™ Inflammatory Responses to LPS. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 776-785.	2.9	26
35	The E3 ubiquitin ligase HECW1 targets thyroid transcription factor 1 (TTF1/NKX2.1) for its degradation in the ubiquitin-proteasome system. Cellular Signalling, 2019, 58, 91-98.	3.6	7
36	IRIS-EDA: An integrated RNA-Seq interpretation system for gene expression data analysis. PLoS Computational Biology, 2019, 15, e1006792.	3.2	27

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37	The HECT ubiquitin E3 ligase Smurf2 degrades Î¼-opioid receptor 1 in the ubiquitin-proteasome system in lung epithelial cells. American Journal of Physiology - Cell Physiology, 2019, 316, C632-C640.	4.6	9
38	Phosphorylated E2F1 is stabilized by nuclear USP11 to drive Peg10 gene expression and activate lung epithelial cells. Journal of Molecular Cell Biology, 2018, 10, 60-73.	3.3	29
39	The deubiquitinating enzyme USP48 stabilizes TRAF2 and reduces Eâ€cadherinâ€mediated adherens junctions. FASEB Journal, 2018, 32, 230-242.	0.5	28
40	Induction of Deubiquitinating Enzyme USP50 during Erythropoiesis and its Potential Role in the Regulation of Ku70 Stability. Journal of Investigative Medicine, 2018, 66, 1-6.	1.6	64
41	The role of ubiquitination and deubiquitination in the regulation of cell junctions. Protein and Cell, 2018, 9, 754-769.	11.0	71
42	FBXO17 promotes cell proliferation through activation of Akt in lung adenocarcinoma cells. Respiratory Research, 2018, 19, 206.	3.6	22
43	Histone acetyltransferase CBP promotes function of SCF FBXL19 ubiquitin E3 ligase by acetylation and stabilization of its Fâ€box protein subunit. FASEB Journal, 2018, 32, 4284-4292.	0.5	16
44	Inhibition of Raf1 ameliorates bleomycin-induced pulmonary fibrosis through attenuation of TGF-Î²1 signaling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L241-L247.	2.9	9
45	Ubiquitination and deubiquitination emerge as players in idiopathic pulmonary fibrosis pathogenesis and treatment. JCI Insight, 2018, 3, .	5.0	26
46	Selection of suitable reference genes for quantitative real-time PCR in trabecular meshwork cells under oxidative stress. Free Radical Research, 2017, 51, 103-111.	3.3	3
47	Berberine produces antidepressant-like effects in ovariectomized mice. Scientific Reports, 2017, 7, 1310.	3.3	37
48	Regulation of the ubiquitylation and deubiquitylation of CREB-binding protein modulates histone acetylation and lung inflammation. Science Signaling, 2017, 10, .	3.6	33
49	SCFFBXO17 E3 ligase modulates inflammation by regulating proteasomal degradation of glycogen synthase kinase-3β in lung epithelia. Journal of Biological Chemistry, 2017, 292, 7452-7461.	3.4	25
50	Hypoperfusion retinopathy and elevated intraocular pressure in a 17-year-old. Journal of AAPOS, 2017, 21, 246-249.	0.3	0
51	NPPB modulates apoptosis, proliferation, migration and extracellular matrix synthesis of conjunctival fibroblasts by inhibiting PI3K/AKT signaling. International Journal of Molecular Medicine, 2017, 41, 1331-1338.	4.0	7
52	AM966, an Antagonist of Lysophosphatidic Acid Receptor 1, Increases Lung Microvascular Endothelial Permeability through Activation of Rho Signaling Pathway and Phosphorylation of VE-Cadherin. Mediators of Inflammation, 2017, 2017, 1-12.	3.0	19
53	Acute Lung Injury, Repair, and Remodeling: Pulmonary Endothelial and Epithelial Biology. Mediators of Inflammation, 2017, 2017, 1-2.	3.0	10
54	Effect of chloride channel activity on retinal pigment cell proliferation and migration. Molecular Medicine Reports, 2017, 15, 1771-1776.	2.4	4

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55	Review of clinical and basic approaches of fungal keratitis. International Journal of Ophthalmology, 2016, 9, 1676-1683.	1.1	27
56	The CLC-2 Chloride Channel Modulates ECM Synthesis, Differentiation, and Migration of Human Conjunctival Fibroblasts via the PI3K/Akt Signaling Pathway. International Journal of Molecular Sciences, 2016, 17, 910.	4.1	17
57	Biosynthesis of oxidized lipid mediators via lipoprotein-associated phospholipase A₂hydrolysis of extracellular cardiolipin induces endothelial toxicity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L303-L316.	2.9	20
58	Oxidative stress in the trabecular meshwork (Review). International Journal of Molecular Medicine, 2016, 38, 995-1002.	4.0	73
59	Destabilization of Lysophosphatidic Acid Receptor 1 Reduces Cytokine Release and Protects Against Lung Injury. EBioMedicine, 2016, 10, 195-203.	6.1	23
60	Ubiquitin carboxyl-terminal hydrolase-L5 promotes TGFÎ²-1 signaling by de-ubiquitinating and stabilizing Smad2/Smad3 in pulmonary fibrosis. Scientific Reports, 2016, 6, 33116.	3.3	37
61	Cross-talk between lysophosphatidic acid receptor 1 and tropomyosin receptor kinase A promotes lung epithelial cell migration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 229-235.	4.1	9
62	Full Spectrum of LPS Activation in Alveolar Macrophages of Healthy Volunteers by Whole Transcriptomic Profiling. PLoS ONE, 2016, 11, e0159329.	2.5	51
63	Interleukin-33 and its Receptor in Pulmonary Inflammatory Diseases. Critical Reviews in Immunology, 2015, 35, 451-461.	0.5	27
64	Lysophosphatidic acid receptor 1 antagonist ki16425 blunts abdominal and systemic inflammation in a mouse model of peritoneal sepsis. Translational Research, 2015, 166, 80-88.	5.0	25
65	Focal Adhesion Kinaseâ€“Mediated Activation of Glycogen Synthase Kinase 3Î² Regulates IL-33 Receptor Internalization and IL-33 Signaling. Journal of Immunology, 2015, 194, 795-802.	0.8	21
66	Molecular regulation of Gâ€proteinâ€coupled receptor, lysophosphatidic acid receptor 1, trafficking to the cell surface.. FASEB Journal, 2015, 29, 882.7.	0.5	0
67	Serum starvation regulates E-cadherin upregulation via activation of c-Src in non-small-cell lung cancer A549 cells. American Journal of Physiology - Cell Physiology, 2014, 307, C893-C899.	4.6	21
68	Glycogen Synthase Kinase-3Î² Stabilizes the Interleukin (IL)-22 Receptor from Proteasomal Degradation in Murine Lung Epithelia. Journal of Biological Chemistry, 2014, 289, 17610-17619.	3.4	25
69	Molecular regulation of lysophosphatidic acid receptor 1 trafficking to the cell surface. Cellular Signalling, 2014, 26, 2406-2411.	3.6	10
70	F-box protein complex FBXL19 regulates TGFÎ²1-induced E-cadherin down-regulation by mediating Rac3 ubiquitination and degradation. Molecular Cancer, 2014, 13, 76.	19.2	52
71	Pharmacologic IKK/NF-ÎºB inhibition causes antigen presenting cells to undergo TNFÎ± dependent ROS-mediated programmed cell death. Scientific Reports, 2014, 4, 3631.	3.3	27
72	Effect of Nrf2 on rat ovarian tissues against atrazine-induced anti-oxidative response. International Journal of Clinical and Experimental Pathology, 2014, 7, 2780-9.	0.5	13

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73	A new mechanism of RhoA ubiquitination and degradation: Roles of SCF FBXL19 E3 ligase and Erk2. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2757-2764.	4.1	74
74	A combinatorial F box protein directed pathway controls TRAF adaptor stability to regulate inflammation. Nature Immunology, 2013, 14, 470-479.	14.5	118
75	SCF E3 ligase Fâ€box protein complex SCF^{FBXL19}regulates cell migration by mediating Rac1 ubiquitination and degradation. FASEB Journal, 2013, 27, 2611-2619.	0.5	67
76	Targeting F Box Protein Fbxo3 To Control Cytokine-Driven Inflammation. Journal of Immunology, 2013, 191, 5247-5255.	0.8	55
77	Overexpression of USP14 Protease Reduces I-ÎºB Protein Levels and Increases Cytokine Release in Lung Epithelial Cells. Journal of Biological Chemistry, 2013, 288, 15437-15441.	3.4	62
78	F-box protein FBXL19â€“mediated ubiquitination and degradation of the receptor for IL-33 limits pulmonary inflammation. Nature Immunology, 2012, 13, 651-658.	14.5	127
79	Extracellular Signal-regulated Kinase (ERK) Regulates Cortactin Ubiquitination and Degradation in Lung Epithelial Cells. Journal of Biological Chemistry, 2012, 287, 19105-19114.	3.4	32
80	Lysophosphatidic acid increases soluble ST2 expression in mouse lung and human bronchial epithelial cells. Cellular Signalling, 2012, 24, 77-85.	3.6	22
81	Autotaxin induces lung epithelial cell migration through lysoPLD activity-dependent and -independent pathways. Biochemical Journal, 2011, 439, 45-55.	3.7	39
82	Lysophosphatidic acid receptor 1 modulates lipopolysaccharide-induced inflammation in alveolar epithelial cells and murine lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L547-L556.	2.9	59