

Fei Zou

List of Publications by Year in descending order

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84
papers

2,146
citations

218677

26
h-index

302126

39
g-index

91
all docs

91
docs citations

91
times ranked

3367
citing authors

#	ARTICLE	IF	CITATIONS
1	Downregulation of ACE2/Ang-(1-7)/Mas axis promotes breast cancer metastasis by enhancing store-operated calcium entry. <i>Cancer Letters</i> , 2016, 376, 268-277.	7.2	92
2	Mitochondrial Ca ²⁺ uniporter is critical for store-operated Ca ²⁺ entry-dependent breast cancer cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 186-193.	2.1	90
3	Gut microbiota partially mediates the effects of fine particulate matter on type 2 diabetes: Evidence from a population-based epidemiological study. <i>Environment International</i> , 2019, 130, 104882.	10.0	89
4	Bclaf1 promotes angiogenesis by regulating HIF-1 α transcription in hepatocellular carcinoma. <i>Oncogene</i> , 2019, 38, 1845-1859.	5.9	71
5	Combination of chrysin and cisplatin promotes the apoptosis of Hep G2 cells by up-regulating p53. <i>Chemico-Biological Interactions</i> , 2015, 232, 12-20.	4.0	65
6	Green tea polyphenol epigallocatechin-3-gallate ameliorates insulin resistance in non-alcoholic fatty liver disease mice. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 597-605.	6.1	64
7	Phosphorylation of Parkin at serine 131 by p38 MAPK promotes mitochondrial dysfunction and neuronal death in mutant A53T α -synuclein model of Parkinson's disease. <i>Cell Death and Disease</i> , 2018, 9, 700.	6.3	60
8	Distinct roles of short and long thymic stromal lymphopoietin isoforms in house dust mite-induced asthmatic airway epithelial barrier disruption. <i>Scientific Reports</i> , 2016, 6, 39559.	3.3	57
9	p38 MAPK-DRP1 signaling is involved in mitochondrial dysfunction and cell death in mutant A53T α -synuclein model of Parkinson's disease. <i>Toxicology and Applied Pharmacology</i> , 2020, 388, 114874.	2.8	56
10	Effects of cadmium, manganese, and lead on locomotor activity and neurexin 2a expression in zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2147-2154.	4.3	55
11	Mitochondrial calcium uniporter as a target of microRNA-340 and promoter of metastasis via enhancing the Warburg effect. <i>Oncotarget</i> , 2017, 8, 83831-83844.	1.8	55
12	High-mobility group box 1 impairs airway epithelial barrier function through the activation of the RAGE/ERK pathway. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1189-1198.	4.0	45
13	Poly (ADP-ribose) polymerase 1 inhibition prevents neurodegeneration and promotes α -synuclein degradation via transcription factor EB-dependent autophagy in mutant α -synuclein A53T model of Parkinson's disease. <i>Aging Cell</i> , 2020, 19, e13163.	6.7	45
14	STIM1 and STIM2 differently regulate endogenous Ca ²⁺ entry and promote TGF- β ² -induced EMT in breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 74-80.	2.1	42
15	The receptor for advanced glycation end products is required for β -catenin stabilization in a chemical-induced asthma model. <i>British Journal of Pharmacology</i> , 2016, 173, 2600-2613.	5.4	40
16	p38-TFEB pathways promote microglia activation through inhibiting CMA-mediated NLRP3 degradation in Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2021, 18, 295.	7.2	37
17	Ethyl pyruvate decreases airway neutrophil infiltration partly through a high mobility group box 1-dependent mechanism in a chemical-induced murine asthma model. <i>International Immunopharmacology</i> , 2014, 21, 163-170.	3.8	35
18	MeHg-induced autophagy via JNK/Vps34 complex pathway promotes autophagosome accumulation and neuronal cell death. <i>Cell Death and Disease</i> , 2019, 10, 399.	6.3	35

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19	Heat Shock Protein 90 α -Dependent Cell α -Associated Transcription Factor 1 Promotes Hepatocellular Carcinoma Proliferation by Regulating MYC Proto α -Oncogene α -MYC mRNA Stability. <i>Hepatology</i> , 2019, 69, 1564-1581.	7.3	34
20	Blockade of extracellular heat shock protein 90 α by 1G6-D7 attenuates pulmonary fibrosis through inhibiting ERK signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1006-L1015.	2.9	32
21	Phosphatidylinositol 3-kinases pathway mediates lung caspase-1 activation and high mobility group box 1 production in a toluene-diisocyanate induced murine asthma model. <i>Toxicology Letters</i> , 2015, 236, 25-33.	0.8	31
22	Effects of ecologically relevant concentrations of cadmium on locomotor activity and microbiota in zebrafish. <i>Chemosphere</i> , 2020, 257, 127220.	8.2	31
23	Time series analysis of ambient air pollution effects on daily mortality. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20261-20272.	5.3	30
24	MRP4 sustains Wnt/ β -catenin signaling for pregnancy, endometriosis and endometrial cancer. <i>Theranostics</i> , 2019, 9, 5049-5064.	10.0	30
25	MCU-dependent negative sorting of miR-4488 to extracellular vesicles enhances angiogenesis and promotes breast cancer metastatic colonization. <i>Oncogene</i> , 2020, 39, 6975-6989.	5.9	29
26	Phosphorylation of dynamin-related protein 1 at Ser616 regulates mitochondrial fission and is involved in mitochondrial calcium uniporter-mediated neutrophil polarization and chemotaxis. <i>Molecular Immunology</i> , 2017, 87, 23-32.	2.2	28
27	Bystander effects of PC12 cells treated with Pb $^{2+}$ depend on ROS-mitochondria-dependent apoptotic signaling via gap-junctional intercellular communication. <i>Toxicology Letters</i> , 2014, 229, 150-157.	0.8	27
28	BNIP3 Upregulation by ERK and JNK Mediates Cadmium-Induced Necrosis in Neuronal Cells. <i>Toxicological Sciences</i> , 2014, 140, 393-402.	3.1	27
29	Effect of hexavalent chromium on histone biotinylation in human bronchial epithelial cells. <i>Toxicology Letters</i> , 2014, 228, 241-247.	0.8	27
30	Mitochondrial calcium dysfunction contributes to autophagic cell death induced by MPP $^{+}$ via AMPK pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 390-394.	2.1	27
31	Phosphatidylinositol 3-Kinase Mediates β -Catenin Dysfunction of Airway Epithelium in a Toluene Diisocyanate-Induced Murine Asthma Model. <i>Toxicological Sciences</i> , 2015, 147, 168-177.	3.1	25
32	Associations between semen phytoestrogens concentrations and semen quality in Chinese men. <i>Environment International</i> , 2019, 129, 136-144.	10.0	25
33	Levels, congener profiles, and dietary intake assessment of polychlorinated dibenzo-p-dioxins/dibenzofurans and dioxin-like polychlorinated biphenyls in beef, freshwater fish, and pork marketed in Guangdong Province, China. <i>Science of the Total Environment</i> , 2018, 615, 412-421.	8.0	23
34	Role of c-Abl-GSK3 β Signaling in MPP $^{+}$ -Induced Autophagy-Lysosomal Dysfunction. <i>Toxicological Sciences</i> , 2018, 165, 232-243.	3.1	23
35	A protective role of autophagy in Pb-induced developmental neurotoxicity in zebrafish. <i>Chemosphere</i> , 2019, 235, 1050-1058.	8.2	23
36	1,25-Dihydroxyvitamin D3 prevents toluene diisocyanate-induced airway epithelial barrier disruption. <i>International Journal of Molecular Medicine</i> , 2015, 36, 263-270.	4.0	22

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37	Hypoxia attenuates Hsp90 inhibitor 17-DMAG-induced cyclin B1 accumulation in hepatocellular carcinoma cells. <i>Cell Stress and Chaperones</i> , 2016, 21, 339-348.	2.9	22
38	Role of the mitochondrial Ca ²⁺ uniporter in Pb ²⁺ -induced oxidative stress in human neuroblastoma cells. <i>Brain Research</i> , 2014, 1575, 12-21.	2.2	21
39	Knockdown of FAM64A suppresses proliferation and migration of breast cancer cells. <i>Breast Cancer</i> , 2019, 26, 835-845.	2.9	21
40	MicroRNA-101-3p Downregulates TLR2 Expression, Leading to Reduction in Cytokine Production by <i>Treponema pallidum</i> -Stimulated Macrophages. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1566-1575.e1.	0.7	21
41	Sodium butyrate induces apoptosis of human colon cancer cells by modulating ERK and sphingosine kinase 2. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 197-203.	0.2	21
42	1 α ,25-Dihydroxyvitamin D ₃ counteracts the effects of cigarette smoke in airway epithelial cells. <i>Cellular Immunology</i> , 2015, 295, 137-143.	3.0	20
43	MiR-122-5p and miR-326-3p: Potential novel biomarkers for early detection of cadmium exposure. <i>Gene</i> , 2020, 724, 144156.	2.2	20
44	TSLP signaling blocking alleviates E-cadherin dysfunction of airway epithelium in a HDM-induced asthma model. <i>Cellular Immunology</i> , 2017, 315, 56-63.	3.0	19
45	Calcium-sensing stromal interaction molecule 2 upregulates nuclear factor of activated T cells 1 and transforming growth factor- β signaling to promote breast cancer metastasis. <i>Breast Cancer Research</i> , 2019, 21, 99.	5.0	19
46	miR-122-5p and miR-326-3p promote cadmium-induced NRK-52E cell apoptosis by downregulating PLD1. <i>Environmental Toxicology</i> , 2020, 35, 1334-1342.	4.0	19
47	HDM induce airway epithelial cell ferroptosis and promote inflammation by activating ferritinophagy in asthma. <i>FASEB Journal</i> , 2022, 36, .	0.5	18
48	TRPC1 is involved in Ca ²⁺ influx and cytotoxicity following Pb ²⁺ exposure in human embryonic kidney cells. <i>Toxicology Letters</i> , 2014, 229, 52-58.	0.8	17
49	Short Thymic Stromal Lymphopoietin Attenuates Toluene Diisocyanate-induced Airway Inflammation and Inhibits High Mobility Group Box 1-Receptor for Advanced Glycation End Products and Long Thymic Stromal Lymphopoietin Expression. <i>Toxicological Sciences</i> , 2017, 157, 276-290.	3.1	17
50	Rb silencing mediated by the downregulation of MeCP2 is involved in cell transformation induced by long-term exposure to hydroquinone. <i>Molecular Carcinogenesis</i> , 2017, 56, 651-663.	2.7	17
51	Stable SET knockdown in breast cell carcinoma inhibits cell migration and invasion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 7-12.	2.1	16
52	Differential response to lead toxicity in rat primary microglia and astrocytes. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 64-71.	2.8	16
53	NLRP3 induces the autocrine secretion of IL-1 β to promote epithelial-mesenchymal transition and metastasis in breast cancer. <i>Biochemical and Biophysical Research Communications</i> , 2021, 560, 72-79.	2.1	16
54	Bevacizumab reduced auto-phosphorylation of VEGFR2 to protect HDM-induced asthma mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 181-186.	2.1	15

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55	Autophagy-related gene microarray and bioinformatics analysis for ischemic stroke detection. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 48-55.	2.1	15
56	Exosomes derived from breast cancer lung metastasis subpopulations promote tumor self-seeding. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 242-248.	2.1	15
57	Poly(ADP-ribosyl)ation enhances H-RAS protein stability and causes abnormal cell cycle progression in human TK6 lymphoblastoid cells treated with hydroquinone. <i>Chemico-Biological Interactions</i> , 2015, 238, 1-8.	4.0	14
58	Mortality from road traffic accidents in a rapidly urbanizing Chinese city: A 20-year analysis in Shenzhen, 1994-2013. <i>Traffic Injury Prevention</i> , 2016, 17, 39-43.	1.4	14
59	Anlotinib Inhibits PFKFB3-Driven Glycolysis in Myofibroblasts to Reverse Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 744826.	3.5	14
60	Joint toxicity of lead and cadmium on the behavior of zebrafish larvae: An antagonism. <i>Aquatic Toxicology</i> , 2021, 238, 105912.	4.0	13
61	Role of neurexin2a in lead-induced locomotor defect in developing zebrafish. <i>Aquatic Toxicology</i> , 2018, 194, 167-175.	4.0	12
62	1,25-Dihydroxyvitamin D3 targeting VEGF pathway alleviates house dust mite (HDM)-induced airway epithelial barrier dysfunction. <i>Cellular Immunology</i> , 2017, 312, 15-24.	3.0	11
63	Decreased soluble RAGE in neutrophilic asthma is correlated with disease severity and RAGE G82S variants. <i>Molecular Medicine Reports</i> , 2017, 17, 4131-4137.	2.4	11
64	4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone induces circulating microRNA deregulation in early lung carcinogenesis. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 10-6.	0.2	10
65	Extracellular Hsp90 α , which participates in vascular inflammation, is a novel serum predictor of atherosclerosis in type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002579.	2.8	9
66	Neurotoxicity and gene expression alterations in zebrafish larvae in response to manganese exposure. <i>Science of the Total Environment</i> , 2022, 825, 153778.	8.0	9
67	Deacetylation of ZKSCAN3 by SIRT1 induces autophagy and protects SN4741 cells against MPP ⁺ -induced oxidative stress. <i>Free Radical Biology and Medicine</i> , 2022, 181, 82-97.	2.9	9
68	CBX4 Regulates Long-Form Thymic Stromal Lymphopoietin-mediated Airway Inflammation through SUMOylation in House Dust Mite-induced Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 648-660.	2.9	9
69	Association of STAT3 Common Variations with Obesity and Hypertriglyceridemia: Protective and Contributive Effects. <i>International Journal of Molecular Sciences</i> , 2014, 15, 12258-12269.	4.1	8
70	Phospholipase D1 Ameliorates Apoptosis in Chronic Renal Toxicity Caused by Low-Dose Cadmium Exposure. <i>BioMed Research International</i> , 2020, 2020, 1-12.	1.9	8
71	Dysregulations of miR-503-5p and Wnt/ β -catenin pathway coordinate in mediating cadmium-induced kidney fibrosis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112667.	6.0	8
72	Chicken IgY facilitates allergic airway inflammation in a chemical-induced murine asthma model by potentiating IL-4 release. <i>Toxicology Letters</i> , 2015, 239, 22-31.	0.8	7

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73	Hsp90 Inhibitor STA9090 Sensitizes Hepatocellular Carcinoma to Hyperthermia-Induced DNA Damage by Suppressing DNA-PKcs Protein Stability and mRNA Transcription. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1880-1892.	4.1	7
74	Short isoform thymic stromal lymphopoietin reduces inflammation and aerobic glycolysis of asthmatic airway epithelium by antagonizing long isoform thymic stromal lymphopoietin. <i>Respiratory Research</i> , 2022, 23, 75.	3.6	7
75	Hyperthermia enhances 17-DMAG efficacy in hepatocellular carcinoma cells with aggravated DNA damage and impaired G2/M transition. <i>Scientific Reports</i> , 2016, 6, 38072.	3.3	6
76	Uncovering the proteome response of murine neuroblastoma cells against low-dose exposure to saxitoxin. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 335-344.	2.7	6
77	Extracellular HSP90 α Interacts With ER Stress to Promote Fibroblasts Activation Through PI3K/AKT Pathway in Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 708462.	3.5	6
78	MRP4 regulates ENaC-dependent CREB/COX-2/PGE2 signaling during embryo implantation. <i>Oncotarget</i> , 2017, 8, 78520-78529.	1.8	5
79	SET mediates TCE-induced liver cell apoptosis through dephosphorylation and upregulation of nucleolin. <i>Oncotarget</i> , 2017, 8, 40958-40966.	1.8	4
80	The role of ambra1 in Pb-induced developmental neurotoxicity in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2022, 594, 139-145.	2.1	4
81	Store-operated Ca ²⁺ entry mediated regulation of polarization in differentiated human neutrophil-like HL-60 cells under hypoxia. <i>Molecular Medicine Reports</i> , 2014, 9, 819-824.	2.4	3
82	Phosphoproteomic analyses of L-02 liver cells exposed to trichloroethylene. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 459-466.	2.7	3
83	Role of Bclaf1 in Promoting Adrenocortical Carcinoma Proliferation: A Study Combining the Use of Bioinformatics and Molecular Events. <i>Cancer Management and Research</i> , 2021, Volume 13, 6785-6795.	1.9	3
84	Avasimibe Alleviates Disruption of the Airway Epithelial Barrier by Suppressing the Wnt/ β ² -Catenin Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 795934.	3.5	3