Cai-Yun Zhong

List of Publications by Year
in descending order

69 papers	2,232 citations	236925 25 h-index	254184 43 g-index
72 all docs	72 docs citations	72 times ranked	3105 citing authors

#	Article	IF	Citations
1	Interleukin-17A mediates tobacco smoke–induced lung cancer epithelial-mesenchymal transition through transcriptional regulation of ΔNp63α on miR-19. Cell Biology and Toxicology, 2022, 38, 273-289.	5.3	6
2	ΔNp63α mediates sulforaphane suppressed colorectal cancer stem cell properties through transcriptional regulation of Nanog/Oct4/Sox2. Journal of Nutritional Biochemistry, 2022, 107, 109067.	4.2	5
3	Resveratrol Inhibition of Renal Cancer Stem Cell Characteristics and Modulation of the Sonic Hedgehog Pathway. Nutrition and Cancer, 2021, 73, 1157-1167.	2.0	13
4	Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements. Scientific Reports, 2021, 11, 1347.	3.3	19
5	Protective effects of ginseng stem-leaf saponins on D-galactose-induced reproductive injury in male mice. Aging, 2021, 13, 8916-8928.	3.1	9
6	TAp63α Is Involved in Tobacco Smoke-Induced Lung Cancer EMT and the Anti-cancer Activity of Curcumin via miR-19 Transcriptional Suppression. Frontiers in Cell and Developmental Biology, 2021, 9, 645402.	3.7	12
7	Apatinib suppresses lung cancer stem-like cells by complex interplay between β-catenin signaling and mitochondrial ROS accumulation. Cell Death Discovery, 2021, 7, 102.	4.7	8
8	Apatinib Suppresses Gastric Cancer Stem Cells Properties by Inhibiting the Sonic Hedgehog Pathway. Frontiers in Cell and Developmental Biology, 2021, 9, 679806.	3.7	11
9	Apatinib triggers autophagic and apoptotic cell death via VEGFR2/STAT3/PD-L1 and ROS/Nrf2/p62 signaling in lung cancer. Journal of Experimental and Clinical Cancer Research, 2021, 40, 266.	8.6	76
10	Profile of gut microbiota in patients with traumatic thoracic spinal cord injury and its clinical implications: a case-control study in a rehabilitation setting. Bioengineered, 2021, 12, 4489-4499.	3.2	18
11	TAp63α targeting of Lgr5 mediates colorectal cancer stem cell properties and sulforaphane inhibition. Oncogenesis, 2020, 9, 89.	4.9	23
12	Nanog mediates tobacco smoke–induced enhancement of renal cancer stem cell properties. Environmental Toxicology, 2020, 35, 1274-1283.	4.0	5
13	Mechanism investigation on Bisphenol S-induced oxidative stress and inflammation in murine RAW264.7 cells: The role of NLRP3 inflammasome, TLR4, Nrf2 and MAPK. Journal of Hazardous Materials, 2020, 394, 122549.	12.4	55
14	Benzidine promotes the stemness of bladder cancer stem cells via activation of the Sonic hedgehog pathway. Oncology Letters, 2020, 21, 146.	1.8	5
15	Sonic hedgehog pathway mediates genistein inhibition of renal cancer stem cells. Oncology Letters, 2019, 18, 3081-3091.	1.8	8
16	Sulforaphane inhibits epithelial–mesenchymal transition by activating extracellular signal-regulated kinase 5 in lung cancer cells. Journal of Nutritional Biochemistry, 2019, 72, 108219.	4.2	19
17	Genistein inhibits nasopharyngeal cancer stem cells through sonic hedgehog signaling. Phytotherapy Research, 2019, 33, 2783-2791.	5.8	18
18	Sulforaphane Inhibits the Acquisition of Tobacco Smoke-Induced Lung Cancer Stem Cell-Like Properties *via* the IL-6/ΔNp63α/Notch Axis. Theranostics, 2019, 9, 4827-4840.	10.0	30

#	Article	IF	Citations
19	Sulforaphane inhibits gastric cancer stem cells via suppressing sonic hedgehog pathway. International Journal of Food Sciences and Nutrition, 2019, 70, 570-578.	2.8	31
20	Modulation of miR‑34a in curcumin‑induced antiproliferation of prostate cancer cells. Journal of Cellular Biochemistry, 2019, 120, 15616-15624.	2.6	43
21	Tobacco smoke induced hepatic cancer stem cell-like properties through IL-33/p38 pathway. Journal of Experimental and Clinical Cancer Research, 2019, 38, 39.	8.6	21
22	(−)‑Epigallocatechin‑3‑gallate inhibits bladder cancer stem cells via suppression of sonic hedgehog pathway. Oncology Reports, 2019, 42, 425-435.	2.6	23
23	Magnesium isoglycyrrhizinate suppresses LPS-induced inflammation and oxidative stress through inhibiting NF-κB and MAPK pathways in RAW264.7 cells. Bioorganic and Medicinal Chemistry, 2019, 27, 516-524.	3.0	60
24	Butyl benzyl phthalate promotes prostate cancer cell proliferation through miR-34a downregulation. Toxicology in Vitro, 2019, 54, 82-88.	2.4	25
25	Role of feline sarcoma‑related protein in the viability and apoptosis of bladder cancer cells. Molecular Medicine Reports, 2019, 19, 5219-5226.	2.4	3
26	Effects of volatile anesthetic preconditioning on expression of NFκB-regulated genes in aged rat myocardium. Journal of Biomedical Research, 2019, 33, 264.	1.6	7
27	Curcumin reverses tobacco smoke‑induced epithelial‑mesenchymal transition by suppressing the MAPK pathway in the lungs of mice. Molecular Medicine Reports, 2018, 17, 2019-2025.	2.4	12
28	Wnt/β-catenin modulates chronic tobacco smoke exposure-induced acquisition of pulmonary cancer stem cell properties and diallyl trisulfide intervention. Toxicology Letters, 2018, 291, 70-76.	0.8	22
29	Cigarette smoke stimulates the stemness of renal cancer stem cells via Sonic Hedgehog pathway. Oncogenesis, 2018, 7, 24.	4.9	18
30	Sonic hedgehog and Wnt/β-catenin pathways mediate curcumin inhibition of breast cancer stem cells. Anti-Cancer Drugs, 2018, 29, 208-215.	1.4	54
31	Curcumin suppresses JNK pathway to attenuate BPA-induced insulin resistance in LO2 cells. Biomedicine and Pharmacotherapy, 2018, 97, 1538-1543.	5.6	22
32	P53 modulates hepatic insulin sensitivity through NF-κB and p38/ERK MAPK pathways. Biochemical and Biophysical Research Communications, 2018, 495, 2139-2144.	2.1	9
33	Early Enteral Nutrition is Associated with Faster Post-Esophagectomy Recovery in Chinese Esophageal Cancer Patients: A Retrospective Cohort Study. Nutrition and Cancer, 2018, 70, 221-228.	2.0	24
34	Wnt/β-catenin signaling mediates the suppressive effects of diallyl trisulfide on colorectal cancer stem cells. Cancer Chemotherapy and Pharmacology, 2018, 81, 969-977.	2.3	34
35	Diallyl Trisulfide inhibits breast cancer stem cells via suppression of Wnt/β‑catenin pathway. Journal of Cellular Biochemistry, 2018, 119, 4134-4141.	2.6	48
36	Modulation of autophagy in the protective effect of resveratrol on PM2.5‑induced pulmonary oxidative injury in mice. Phytotherapy Research, 2018, 32, 2480-2486.	5.8	31

#	Article	IF	Citations
37	MAPK/APâ€'1 pathway regulates benzidineâ€'induced cell proliferation through the control of cell cycle in human normal bladder epithelial cells. Oncology Letters, 2018, 16, 4628-4634.	1.8	15
38	Phenethyl isothiocyanate inhibits colorectal cancer stem cells by suppressing Wnt/Î²â€'catenin pathway. Phytotherapy Research, 2018, 32, 2447-2455.	5.8	43
39	Resveratrol relieves particulate matter (mean diameter < 2.5 Î¼m)â€'induced oxidative injury of lung cells through attenuation of autophagy deregulation. Journal of Applied Toxicology, 2018, 38, 1251-1261.	2.8	17
40	Phthalates promote prostate cancer cell proliferation through activation of ERK5 and p38. Environmental Toxicology and Pharmacology, 2018, 63, 29-33.	4.0	51
41	miR-19 targeting of PTEN mediates butyl benzyl phthalate-induced proliferation in both ER(+) and ER(â˜) breast cancer cells. Toxicology Letters, 2018, 295, 124-133.	0.8	22
42	Benzidine Induces Epithelial-Mesenchymal Transition of Human Bladder Cancer Cells through Activation of ERK5 Pathway. Molecules and Cells, 2018, 41, 188-197.	2.6	16
43	Curcumin Suppresses Lung Cancer Stem Cells via Inhibiting Wnt/Î²-catenin and Sonic Hedgehog Pathways. Phytotherapy Research, 2017, 31, 680-688.	5.8	130
44	Cigarette smoke extract-induced proliferation of normal human urothelial cells via the MAPK/AP-1 pathway. Oncology Letters, 2017, 13, 469-475.	1.8	28
45	miR-19 targeting of GSK3Î² mediates sulforaphane suppression of lung cancer stem cells. Journal of Nutritional Biochemistry, 2017, 44, 80-91.	4.2	67
46	Effects of Curcumin on Tobacco Smoke-induced Hepatic MAPK Pathway Activation and Epithelial-Mesenchymal TransitionIn Vivo. Phytotherapy Research, 2017, 31, 1230-1239.	5.8	23
47	Downregulation of feline sarcoma-related protein inhibits cell migration, invasion and epithelial-mesenchymal transition via the ERK/AP-1 pathway in bladder urothelial cell carcinoma. Oncology Letters, 2017, 13, 686-694.	1.8	5
48	Curcumin attenuates BPA-induced insulin resistance in HepG2 cells through suppression of JNK/p38 pathways. Toxicology Letters, 2017, 272, 75-83.	0.8	55
49	Cigarette smoke extract induces epithelialâ€"mesenchymal transition of human bladder cancer T24 cells through activation of ERK1/2 pathway. Biomedicine and Pharmacotherapy, 2017, 86, 457-465.	5.6	21
50	Curcumin inhibits bladder cancer stem cells by suppressing Sonic Hedgehog pathway. Biochemical and Biophysical Research Communications, 2017, 493, 521-527.	2.1	51
51	Wnt/Î²-catenin pathway mediates (â˜)-Epigallocatechin-3-gallate (EGCG) inhibition of lung cancer stem cells. Biochemical and Biophysical Research Communications, 2017, 482, 15-21.	2.1	102
52	ERK5 regulates tobacco smoke-induced urocystic epithelial-mesenchymal transition in BALB/c mice. Molecular Medicine Reports, 2017, 15, 3893-3897.	2.4	5
53	(â˜)-Epigallocatechin-3-Gallate Inhibits Colorectal Cancer Stem Cells by Suppressing Wnt/Î²-Catenin Pathway. Nutrients, 2017, 9, 572.	4.1	94
54	Curcumin reverses benzidine-induced epithelial-mesenchymal transition via suppression of ERK5/AP-1 in SV-40 immortalized human urothelial cells. International Journal of Oncology, 2017, 50, 1321-1329.	3.3	21

#	Article	IF	Citations
55	Cigarette smoke induced urocystic epithelial mesenchymal transition via MAPK pathways. Oncotarget, 2017, 8, 8791-8800.	1.8	26
56	Modulation of miR-19 in Aluminum-Induced Neural Cell Apoptosis. Journal of Alzheimer's Disease, 2016, 50, 1149-1162.	2.6	21
57	Cigarette smoke extract induces the proliferation of normal human urothelial cells through the NF-κB pathway. Oncology Reports, 2016, 35, 2665-2672.	2.6	13
58	Folic Acid Protected Neural Cells Against Aluminum-Maltolate-Induced Apoptosis by Preventing miR-19 Downregulation. Neurochemical Research, 2016, 41, 2110-2118.	3.3	27
59	Curcumin reverses benzidine-induced cell proliferation by suppressing ERK1/2 pathway in human bladder cancer T24 cells. Experimental and Toxicologic Pathology, 2016, 68, 215-222.	2.1	12
60	Medium-chain triglyceride ameliorates insulin resistance and inflammation in high fat diet-induced obese mice. European Journal of Nutrition, 2016, 55, 931-940.	3.9	69
61	Curcumin Suppresses MAPK Pathways to Reverse Tobacco Smoke-induced Gastric Epithelial-Mesenchymal Transition in Mice. Phytotherapy Research, 2015, 29, 1665-1671.	5.8	27
62	ERK5 positively regulates cigarette smoke-induced urocystic epithelial-mesenchymal transition in SV-40 immortalized human urothelial cells. Oncology Reports, 2015, 34, 1581-1588.	2.6	15
63	Anti-inflammatory Activity of Magnesium Isoglycyrrhizinate Through Inhibition of Phospholipase A2/Arachidonic Acid Pathway. Inflammation, 2015, 38, 1639-1648.	3.8	83
64	Benzidine induces epithelial–mesenchymal transition in human uroepithelial cells through ERK1/2 pathway. Biochemical and Biophysical Research Communications, 2015, 459, 643-649.	2.1	24
65	ERK5 negatively regulates tobacco smoke-induced pulmonary epithelial-mesenchymal transition. Oncotarget, 2015, 6, 19605-19618.	1.8	15
66	Inhibition of tobacco smoke-induced bladder MAPK activation and epithelial-mesenchymal transition in mice by curcumin. International Journal of Clinical and Experimental Pathology, 2015, 8, 4503-13.	0.5	23
67	Curcumin Modulates miR‐19/PTEN/AKT/p53 Axis to Suppress Bisphenol A‐induced MCF‐7 Breast Cancer Cell Proliferation. Phytotherapy Research, 2014, 28, 1553-1560.	5.8	179
68	Genistein Induces Growth Inhibition and G2/M Arrest in Nasopharyngeal Carcinoma Cells. Nutrition and Cancer, 2010, 62, 641-647.	2.0	21
69	MAPK/AP-1 signal pathway in tobacco smoke-induced cell proliferation and squamous metaplasia in the lungs of rats. Carcinogenesis, 2005, 26, 2187-2195.	2.8	82