

Cai-Yun Zhong

List of Publications by Year in descending order

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69
papers

2,232
citations

236612

25
h-index

253896

43
g-index

72
all docs

72
docs citations

72
times ranked

3105
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin Modulates miR-19/PTEN/AKT/p53 Axis to Suppress Bisphenol A-induced MCF7 Breast Cancer Cell Proliferation. <i>Phytotherapy Research</i> , 2014, 28, 1553-1560.	2.8	179
2	Curcumin Suppresses Lung Cancer Stem Cells via Inhibiting Wnt/ β -catenin and Sonic Hedgehog Pathways. <i>Phytotherapy Research</i> , 2017, 31, 680-688.	2.8	130
3	Wnt/ β -catenin pathway mediates (E)-Epigallocatechin-3-gallate (EGCG) inhibition of lung cancer stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 15-21.	1.0	102
4	(E)-Epigallocatechin-3-Gallate Inhibits Colorectal Cancer Stem Cells by Suppressing Wnt/ β -Catenin Pathway. <i>Nutrients</i> , 2017, 9, 572.	1.7	94
5	Anti-inflammatory Activity of Magnesium Isoglycyrrhizinate Through Inhibition of Phospholipase A2/Arachidonic Acid Pathway. <i>Inflammation</i> , 2015, 38, 1639-1648.	1.7	83
6	MAPK/AP-1 signal pathway in tobacco smoke-induced cell proliferation and squamous metaplasia in the lungs of rats. <i>Carcinogenesis</i> , 2005, 26, 2187-2195.	1.3	82
7	Apatinib triggers autophagic and apoptotic cell death via VEGFR2/STAT3/PD-L1 and ROS/Nrf2/p62 signaling in lung cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 266.	3.5	76
8	Medium-chain triglyceride ameliorates insulin resistance and inflammation in high fat diet-induced obese mice. <i>European Journal of Nutrition</i> , 2016, 55, 931-940.	1.8	69
9	miR-19 targeting of GSK3 β mediates sulforaphane suppression of lung cancer stem cells. <i>Journal of Nutritional Biochemistry</i> , 2017, 44, 80-91.	1.9	67
10	Magnesium isoglycyrrhizinate suppresses LPS-induced inflammation and oxidative stress through inhibiting NF- κ B and MAPK pathways in RAW264.7 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 516-524.	1.4	60
11	Curcumin attenuates BPA-induced insulin resistance in HepG2 cells through suppression of JNK/p38 pathways. <i>Toxicology Letters</i> , 2017, 272, 75-83.	0.4	55
12	Mechanism investigation on Bisphenol S-induced oxidative stress and inflammation in murine RAW264.7 cells: The role of NLRP3 inflammasome, TLR4, Nrf2 and MAPK. <i>Journal of Hazardous Materials</i> , 2020, 394, 122549.	6.5	55
13	Sonic hedgehog and Wnt/ β -catenin pathways mediate curcumin inhibition of breast cancer stem cells. <i>Anti-Cancer Drugs</i> , 2018, 29, 208-215.	0.7	54
14	Curcumin inhibits bladder cancer stem cells by suppressing Sonic Hedgehog pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 521-527.	1.0	51
15	Phthalates promote prostate cancer cell proliferation through activation of ERK5 and p38. <i>Environmental Toxicology and Pharmacology</i> , 2018, 63, 29-33.	2.0	51
16	Diallyl Trisulfide inhibits breast cancer stem cells via suppression of Wnt/ β -catenin pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4134-4141.	1.2	48
17	Phenethyl isothiocyanate inhibits colorectal cancer stem cells by suppressing Wnt/ β -catenin pathway. <i>Phytotherapy Research</i> , 2018, 32, 2447-2455.	2.8	43
18	Modulation of miR-34a in curcumin-induced antiproliferation of prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15616-15624.	1.2	43

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19	Wnt/ β -catenin signaling mediates the suppressive effects of diallyl trisulfide on colorectal cancer stem cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 81, 969-977.	1.1	34
20	Modulation of autophagy in the protective effect of resveratrol on PM2.5-induced pulmonary oxidative injury in mice. <i>Phytotherapy Research</i> , 2018, 32, 2480-2486.	2.8	31
21	Sulforaphane inhibits gastric cancer stem cells via suppressing sonic hedgehog pathway. <i>International Journal of Food Sciences and Nutrition</i> , 2019, 70, 570-578.	1.3	31
22	Sulforaphane Inhibits the Acquisition of Tobacco Smoke-Induced Lung Cancer Stem Cell-Like Properties via the IL-6/IL-6R α /Notch Axis. <i>Theranostics</i> , 2019, 9, 4827-4840.	4.6	30
23	Cigarette smoke extract-induced proliferation of normal human urothelial cells via the MAPK/AP-1 pathway. <i>Oncology Letters</i> , 2017, 13, 469-475.	0.8	28
24	Curcumin Suppresses MAPK Pathways to Reverse Tobacco Smoke-induced Gastric Epithelial-Mesenchymal Transition in Mice. <i>Phytotherapy Research</i> , 2015, 29, 1665-1671.	2.8	27
25	Folic Acid Protected Neural Cells Against Aluminum-Maltolate-Induced Apoptosis by Preventing miR-19 Downregulation. <i>Neurochemical Research</i> , 2016, 41, 2110-2118.	1.6	27
26	Cigarette smoke induced urocytic epithelial mesenchymal transition via MAPK pathways. <i>Oncotarget</i> , 2017, 8, 8791-8800.	0.8	26
27	Butyl benzyl phthalate promotes prostate cancer cell proliferation through miR-34a downregulation. <i>Toxicology in Vitro</i> , 2019, 54, 82-88.	1.1	25
28	Benzidine induces epithelial-mesenchymal transition in human uroepithelial cells through ERK1/2 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 643-649.	1.0	24
29	Early Enteral Nutrition is Associated with Faster Post-Esophagectomy Recovery in Chinese Esophageal Cancer Patients: A Retrospective Cohort Study. <i>Nutrition and Cancer</i> , 2018, 70, 221-228.	0.9	24
30	Effects of Curcumin on Tobacco Smoke-induced Hepatic MAPK Pathway Activation and Epithelial-Mesenchymal Transition In Vivo. <i>Phytotherapy Research</i> , 2017, 31, 1230-1239.	2.8	23
31	(-)-Epigallocatechin-3-gallate inhibits bladder cancer stem cells via suppression of sonic hedgehog pathway. <i>Oncology Reports</i> , 2019, 42, 425-435.	1.2	23
32	TAp63 targeting of Lgr5 mediates colorectal cancer stem cell properties and sulforaphane inhibition. <i>Oncogenesis</i> , 2020, 9, 89.	2.1	23
33	Inhibition of tobacco smoke-induced bladder MAPK activation and epithelial-mesenchymal transition in mice by curcumin. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4503-13.	0.5	23
34	Wnt/ β -catenin modulates chronic tobacco smoke exposure-induced acquisition of pulmonary cancer stem cell properties and diallyl trisulfide intervention. <i>Toxicology Letters</i> , 2018, 291, 70-76.	0.4	22
35	Curcumin suppresses JNK pathway to attenuate BPA-induced insulin resistance in LO2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1538-1543.	2.5	22
36	miR-19 targeting of PTEN mediates butyl benzyl phthalate-induced proliferation in both ER(+) and ER(+) breast cancer cells. <i>Toxicology Letters</i> , 2018, 295, 124-133.	0.4	22

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37	Genistein Induces Growth Inhibition and G2/M Arrest in Nasopharyngeal Carcinoma Cells. <i>Nutrition and Cancer</i> , 2010, 62, 641-647.	0.9	21
38	Modulation of miR-19 in Aluminum-Induced Neural Cell Apoptosis. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 1149-1162.	1.2	21
39	Cigarette smoke extract induces epithelial-mesenchymal transition of human bladder cancer T24 cells through activation of ERK1/2 pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 457-465.	2.5	21
40	Curcumin reverses benzidine-induced epithelial-mesenchymal transition via suppression of ERK5/AP-1 in SV-40 immortalized human urothelial cells. <i>International Journal of Oncology</i> , 2017, 50, 1321-1329.	1.4	21
41	Tobacco smoke induced hepatic cancer stem cell-like properties through IL-33/p38 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 39.	3.5	21
42	Sulforaphane inhibits epithelial-mesenchymal transition by activating extracellular signal-regulated kinase 5 in lung cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2019, 72, 108219.	1.9	19
43	Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements. <i>Scientific Reports</i> , 2021, 11, 1347.	1.6	19
44	Cigarette smoke stimulates the stemness of renal cancer stem cells via Sonic Hedgehog pathway. <i>Oncogenesis</i> , 2018, 7, 24.	2.1	18
45	Genistein inhibits nasopharyngeal cancer stem cells through sonic hedgehog signaling. <i>Phytotherapy Research</i> , 2019, 33, 2783-2791.	2.8	18
46	Profile of gut microbiota in patients with traumatic thoracic spinal cord injury and its clinical implications: a case-control study in a rehabilitation setting. <i>Bioengineered</i> , 2021, 12, 4489-4499.	1.4	18
47	Resveratrol relieves particulate matter (mean diameter $\leq 2.5 \mu\text{m}$-induced oxidative injury of lung cells through attenuation of autophagy deregulation. <i>Journal of Applied Toxicology</i> , 2018, 38, 1251-1261.	1.4	17
48	Benzidine Induces Epithelial-Mesenchymal Transition of Human Bladder Cancer Cells through Activation of ERK5 Pathway. <i>Molecules and Cells</i> , 2018, 41, 188-197.	1.0	16
49	ERK5 positively regulates cigarette smoke-induced urocytic epithelial-mesenchymal transition in SV-40 immortalized human urothelial cells. <i>Oncology Reports</i> , 2015, 34, 1581-1588.	1.2	15
50	MAPK/AP-1 pathway regulates benzidine-induced cell proliferation through the control of cell cycle in human normal bladder epithelial cells. <i>Oncology Letters</i> , 2018, 16, 4628-4634.	0.8	15
51	ERK5 negatively regulates tobacco smoke-induced pulmonary epithelial-mesenchymal transition. <i>Oncotarget</i> , 2015, 6, 19605-19618.	0.8	15
52	Cigarette smoke extract induces the proliferation of normal human urothelial cells through the NF- κ B pathway. <i>Oncology Reports</i> , 2016, 35, 2665-2672.	1.2	13
53	Resveratrol Inhibition of Renal Cancer Stem Cell Characteristics and Modulation of the Sonic Hedgehog Pathway. <i>Nutrition and Cancer</i> , 2021, 73, 1157-1167.	0.9	13
54	Curcumin reverses benzidine-induced cell proliferation by suppressing ERK1/2 pathway in human bladder cancer T24 cells. <i>Experimental and Toxicologic Pathology</i> , 2016, 68, 215-222.	2.1	12

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55	Curcumin reverses tobacco smoke-induced epithelial-mesenchymal transition by suppressing the MAPK pathway in the lungs of mice. <i>Molecular Medicine Reports</i> , 2018, 17, 2019-2025.	1.1	12
56	TAp63 \pm Is Involved in Tobacco Smoke-Induced Lung Cancer EMT and the Anti-cancer Activity of Curcumin via miR-19 Transcriptional Suppression. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645402.	1.8	12
57	Apatinib Suppresses Gastric Cancer Stem Cells Properties by Inhibiting the Sonic Hedgehog Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679806.	1.8	11
58	P53 modulates hepatic insulin sensitivity through NF- κ B and p38/ERK MAPK pathways. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2139-2144.	1.0	9
59	Protective effects of ginseng stem-leaf saponins on D-galactose-induced reproductive injury in male mice. <i>Aging</i> , 2021, 13, 8916-8928.	1.4	9
60	Sonic hedgehog pathway mediates genistein inhibition of renal cancer stem cells. <i>Oncology Letters</i> , 2019, 18, 3081-3091.	0.8	8
61	Apatinib suppresses lung cancer stem-like cells by complex interplay between β -catenin signaling and mitochondrial ROS accumulation. <i>Cell Death Discovery</i> , 2021, 7, 102.	2.0	8
62	Effects of volatile anesthetic preconditioning on expression of NF- κ B-regulated genes in aged rat myocardium. <i>Journal of Biomedical Research</i> , 2019, 33, 264.	0.7	7
63	Interleukin-17A mediates tobacco smoke-induced lung cancer epithelial-mesenchymal transition through transcriptional regulation of β -Np63 \pm on miR-19. <i>Cell Biology and Toxicology</i> , 2022, 38, 273-289.	2.4	6
64	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. <i>Oncology Letters</i> , 2017, 13, 686-694.	0.8	5
65	ERK5 regulates tobacco smoke-induced urocytic epithelial-mesenchymal transition in BALB/c mice. <i>Molecular Medicine Reports</i> , 2017, 15, 3893-3897.	1.1	5
66	Nanog mediates tobacco smoke-induced enhancement of renal cancer stem cell properties. <i>Environmental Toxicology</i> , 2020, 35, 1274-1283.	2.1	5
67	Benzidine promotes the stemness of bladder cancer stem cells via activation of the Sonic hedgehog pathway. <i>Oncology Letters</i> , 2020, 21, 146.	0.8	5
68	β -Np63 \pm mediates sulforaphane suppressed colorectal cancer stem cell properties through transcriptional regulation of Nanog/Oct4/Sox2. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109067.	1.9	5
69	Role of feline sarcoma-related protein in the viability and apoptosis of bladder cancer cells. <i>Molecular Medicine Reports</i> , 2019, 19, 5219-5226.	1.1	3