

Aiyun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,390
citations

279487

23
h-index

360668

35
g-index

49
all docs

49
docs citations

49
times ranked

1954
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhein modulates host purine metabolism in intestine through gut microbiota and ameliorates experimental colitis. <i>Theranostics</i> , 2020, 10, 10665-10679.	4.6	184
2	Flavonoids extracted from mulberry (<i>Morus alba</i> L.) leaf improve skeletal muscle mitochondrial function by activating AMPK in type 2 diabetes. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112326.	2.0	87
3	Antimetastatic Therapies of the Polysulfide Diallyl Trisulfide against Triple-Negative Breast Cancer (TNBC) via Suppressing MMP2/9 by Blocking NF- κ B and ERK/MAPK Signaling Pathways. <i>PLoS ONE</i> , 2015, 10, e0123781.	1.1	73
4	MicroRNA-9 and breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2020, 122, 109687.	2.5	67
5	Diallyl trisulfides, a natural histone deacetylase inhibitor, attenuate HIF-1 α synthesis, and decreases breast cancer metastasis. <i>Molecular Carcinogenesis</i> , 2017, 56, 2317-2331.	1.3	66
6	TRPM8: a potential target for cancer treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 1871-1881.	1.2	59
7	Paeonol inhibits $16\text{F}10$ melanoma metastasis <i>In vitro</i> and <i>In Vivo</i> via disrupting proinflammatory cytokines-mediated NF- κ B and STAT3 pathways. <i>IUBMB Life</i> , 2015, 67, 778-788.	1.5	55
8	Betaelemene inhibits breast cancer metastasis through blocking pyruvate kinase M2 dimerization and nuclear translocation. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6846-6858.	1.6	51
9	Phenolcarboxylic acids from medicinal herbs exert anticancer effects through disruption of COX-2 activity. <i>Phytomedicine</i> , 2014, 21, 1473-1482.	2.3	45
10	Cryptotanshinone, a novel tumor angiogenesis inhibitor, destabilizes tumor necrosis factor- α mRNA via decreasing nuclear-cytoplasmic translocation of RNA-binding protein HuR. <i>Molecular Carcinogenesis</i> , 2016, 55, 1399-1410.	1.3	40
11	Chemopreventive efficacy of menthol on carcinogen-induced cutaneous carcinoma through inhibition of inflammation and oxidative stress in mice. <i>Food and Chemical Toxicology</i> , 2015, 82, 12-18.	1.8	39
12	Prophylaxis of Diallyl Disulfide on Skin Carcinogenic Model via p21-dependent Nrf2 stabilization. <i>Scientific Reports</i> , 2016, 6, 35676.	1.6	38
13	Transient receptor potential ion-channel subfamily V member 4: a potential target for cancer treatment. <i>Cell Death and Disease</i> , 2019, 10, 497.	2.7	37
14	Protective Effects of Magnesium Glycyrrhizinate on Methotrexate-Induced Hepatotoxicity and Intestinal Toxicity May Be by Reducing COX-2. <i>Frontiers in Pharmacology</i> , 2019, 10, 119.	1.6	37
15	Cancer-promoting effect of capsaicin on DMBA/TPA-induced skin tumorigenesis by modulating inflammation, Erk and p38 in mice. <i>Food and Chemical Toxicology</i> , 2015, 81, 1-8.	1.8	35
16	Targeting Thioredoxin System with an Organosulfur Compound, Diallyl Trisulfide (DATS), Attenuates Progression and Metastasis of Triple-Negative Breast Cancer (TNBC). <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1945-1963.	1.1	35
17	Cryptotanshinone activates AMPK-TSC2 axis leading to inhibition of mTORC1 signaling in cancer cells. <i>BMC Cancer</i> , 2017, 17, 34.	1.1	29
18	Innate Lymphoid Cells: Regulators of Gut Barrier Function and Immune Homeostasis. <i>Journal of Immunology Research</i> , 2019, 2019, 1-15.	0.9	29

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19	Xanthatin anti-tumor cytotoxicity is mediated via glycogen synthase kinase-3 β and β -catenin. <i>Biochemical Pharmacology</i> , 2016, 115, 18-27.	2.0	28
20	Cryptotanshinone inhibition of mammalian target of rapamycin pathway is dependent on oestrogen receptor alpha in breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2129-2139.	1.6	28
21	Lycopene prevents carcinogen-induced cutaneous tumor by enhancing activation of the Nrf2 pathway through p62-triggered autophagic Keap1 degradation. <i>Aging</i> , 2020, 12, 8167-8190.	1.4	28
22	A Complex Role for Calcium Signaling in Colorectal Cancer Development and Progression. <i>Molecular Cancer Research</i> , 2019, 17, 2145-2153.	1.5	27
23	Breaking Glucose Transporter 1/Pyruvate Kinase M2 Glycolytic Loop Is Required for Cantharidin Inhibition of Metastasis in Highly Metastatic Breast Cancer. <i>Frontiers in Pharmacology</i> , 2019, 10, 590.	1.6	27
24	Gut Bacteria Selectively Altered by Sennoside A Alleviate Type 2 Diabetes and Obesity Traits. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	26
25	Pharmacological manipulation of Ezh2 with salvianolic acid B results in tumor vascular normalization and synergizes with cisplatin and T cell-mediated immunotherapy. <i>Pharmacological Research</i> , 2022, 182, 106333.	3.1	26
26	Critical role of mTOR in regulating aerobic glycolysis in carcinogenesis (Review). <i>International Journal of Oncology</i> , 2020, 58, 9-19.	1.4	25
27	Exploring the "cold/hot" properties of traditional Chinese medicine by cell temperature measurement. <i>Pharmaceutical Biology</i> , 2020, 58, 208-218.	1.3	21
28	Fuxin Granules ameliorate diabetic nephropathy in db/db mice through TGF- β 1/Smad and VEGF/VEGFR2 signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111806.	2.5	17
29	Microbiome Crosstalk in Immunotherapy and Antiangiogenesis Therapy. <i>Frontiers in Immunology</i> , 2021, 12, 747914.	2.2	17
30	The angiogenic responses induced by release of angiogenic proteins from tumor cell-activated platelets are regulated by distinct molecular pathways. <i>IUBMB Life</i> , 2015, 67, 626-633.	1.5	16
31	Holothurian glycosaminoglycan inhibits metastasis via inhibition of P-selectin in B16F10 melanoma cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 410, 143-154.	1.4	15
32	Tanshinone IIA attenuates the stemness of breast cancer cells via targeting the miR-125b/STARD13 axis. <i>Experimental Hematology and Oncology</i> , 2022, 11, 2.	2.0	15
33	Discovery of the natural product 3',4',7,8-tetrahydroxyflavone as a novel and potent selective BRD4 bromodomain 2 inhibitor. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 903-913.	2.5	11
34	Nuclear PKM2 expression, an independent risk factor for ER after curative resection of hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1858-1864.	2.5	8
35	Cryptotanshinone Inhibits ER α -Dependent and -Independent BCRP Oligomer Formation to Reverse Multidrug Resistance in Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 624811.	1.3	8
36	The killing effect of Tanshinol on breast cancer cells: insight into the reversion of TGF- β 1-mediated suppression of NK cell functions. <i>Frontiers in Bioscience</i> , 2021, 26, 1106.	0.8	8

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37	Targeting the Ang2/Tie2 Axis with Tanshinone IIA Elicits Vascular Normalization in Ischemic Injury and Colon Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	7
38	Zhile Capsule Exerts Antidepressant-Like Effects through Upregulation of the BDNF Signaling Pathway and Neuroprotection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 195.	1.8	5
39	Radix et Rhizoma Ginseng chemoprevents both initiation and promotion of cutaneous carcinoma by enhancing cell-mediated immunity and maintaining redox homeostasis. <i>Journal of Ginseng Research</i> , 2020, 44, 580-592.	3.0	5
40	Relieving Sore Throat Formula Exerts a Therapeutic Effect on Pharyngitis through Immunoregulation and NF- κ B Pathway. <i>Mediators of Inflammation</i> , 2020, 2020, 1-21.	1.4	5
41	Hypoxia Boosts Aerobic Glycolysis in Carcinoma: A Complex Process for Tumour Development. <i>Current Molecular Pharmacology</i> , 2022, 15, 487-501.	0.7	5
42	A spontaneous metastatic mathematical model in mice for screening anti-metastatic agents. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 92, 57-66.	0.3	1
43	The protective mechanism of magnesium isoglycyrrhizinate on FOLFOX induced hepatotoxicity in xenografted tumor-bearing mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-9-17.	0.0	0