

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

1,775
citations

25
h-index

36
g-index

111
ext. papers

2,417
ext. citations

5.4
avg, IF

4.8
L-index

#	Paper	IF	Citations
100	Förster resonance energy transfer (FRET)-based biosensors for biological applications. <i>Biosensors and Bioelectronics</i> , 2019 , 138, 111314	11.8	82
99	SHP2 inhibition triggers anti-tumor immunity and synergizes with PD-1 blockade. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 304-315	15.5	79
98	The genome-wide role of HSF-1 in the regulation of gene expression in <i>Caenorhabditis elegans</i> . <i>BMC Genomics</i> , 2016 , 17, 559	4.5	78
97	Curcumin attenuates ethanol-induced hepatic steatosis through modulating Nrf2/FXR signaling in hepatocytes. <i>IUBMB Life</i> , 2015 , 67, 645-58	4.7	61
96	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	3.7	60
95	Tetramethylpyrazine reduces inflammation in liver fibrosis and inhibits inflammatory cytokine expression in hepatic stellate cells by modulating NLRP3 inflammasome pathway. <i>IUBMB Life</i> , 2015 , 67, 312-21	4.7	59
94	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	5	49
93	Rhein modulates host purine metabolism in intestine through gut microbiota and ameliorates experimental colitis. <i>Theranostics</i> , 2020 , 10, 10665-10679	12.1	46
92	Tianfoshen oral liquid: a CFDA approved clinical traditional Chinese medicine, normalizes major cellular pathways disordered during colorectal carcinogenesis. <i>Oncotarget</i> , 2017 , 8, 14549-14569	3.3	45
91	TRPM8: a potential target for cancer treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016 , 142, 1871-81	4.9	43
90	Xanthatin induces cell cycle arrest at G2/M checkpoint and apoptosis via disrupting NF- κ B pathway in A549 non-small-cell lung cancer cells. <i>Molecules</i> , 2012 , 17, 3736-50	4.8	42
89	Paeonol inhibits B16F10 melanoma metastasis in vitro and in vivo via disrupting proinflammatory cytokines-mediated NF- κ B and STAT3 pathways. <i>IUBMB Life</i> , 2015 , 67, 778-88	4.7	40
88	Tetramethylpyrazine reduces glucose and insulin-induced activation of hepatic stellate cells by inhibiting insulin receptor-mediated PI3K/AKT and ERK pathways. <i>Molecular and Cellular Endocrinology</i> , 2014 , 382, 197-204	4.4	38
87	MicroRNA-9 and breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 122, 109687	7.5	38
86	Curcumin inhibits cobalt chloride-induced epithelial-to-mesenchymal transition associated with interference with TGF- β /Smad signaling in hepatocytes. <i>Laboratory Investigation</i> , 2015 , 95, 1234-45	5.9	36
85	Curcumin regulates cell fate and metabolism by inhibiting hedgehog signaling in hepatic stellate cells. <i>Laboratory Investigation</i> , 2015 , 95, 790-803	5.9	34
84	Phenolcarboxylic acids from medicinal herbs exert anticancer effects through disruption of COX-2 activity. <i>Phytomedicine</i> , 2014 , 21, 1473-82	6.5	34

83	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, 12-8	4.7	31
82	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	4.7	30
81	Ligustrazine prevents alcohol-induced liver injury by attenuating hepatic steatosis and oxidative stress. <i>International Immunopharmacology</i> , 2015 , 29, 613-621	5.8	29
80	Prophylaxis of Diallyl Disulfide on Skin Carcinogenic Model via p21-dependent Nrf2 stabilization. <i>Scientific Reports</i> , 2016 , 6, 35676	4.9	28
79	Beta-elemene 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	5.6	27
78	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, 1399-410	5	27
77	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	3.9	26
76	Xanthatin induces G2/M cell cycle arrest and apoptosis in human gastric carcinoma MKN-45 cells. <i>Planta Medica</i> , 2012 , 78, 890-5	3.1	25
75	Curcumin inhibits aerobic glycolysis in hepatic stellate cells associated with activation of adenosine monophosphate-activated protein kinase. <i>IUBMB Life</i> , 2016 , 68, 589-96	4.7	25
74	Tetramethylpyrazine prevents ethanol-induced hepatocyte injury via activation of nuclear factor erythroid 2-related factor 2. <i>Life Sciences</i> , 2015 , 141, 119-27	6.8	24
73	Emerging findings into molecular mechanism of brain metastasis. <i>Cancer Medicine</i> , 2018 , 7, 3820-3833	4.8	24
72	Acidic mucopolysaccharide from <i>Holothuria leucospilota</i> has antitumor effect by inhibiting angiogenesis and tumor cell invasion in vivo and in vitro. <i>Cancer Biology and Therapy</i> , 2009 , 8, 1489-99	4.6	24
71	Diet phytochemicals and cutaneous carcinoma chemoprevention: A review. <i>Pharmacological Research</i> , 2017 , 119, 327-346	10.2	23
70	NiaoDuQing granules relieve chronic kidney disease symptoms by decreasing renal fibrosis and anemia. <i>Oncotarget</i> , 2017 , 8, 55920-55937	3.3	22
69	Activation of Fas death receptor pathway and Bid in hepatocytes is involved in saikosaponin D induction of hepatotoxicity. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 41, 8-13	5.8	22
68	Concerted suppression of STAT3 and GSK3 β s involved in growth inhibition of non-small cell lung cancer by Xanthatin. <i>PLoS ONE</i> , 2013 , 8, e81945	3.7	22
67	Characterization of xanthatin: anticancer properties and mechanisms of inhibited murine melanoma in vitro and in vivo. <i>Phytomedicine</i> , 2013 , 20, 865-73	6.5	21
66	Xanthatin anti-tumor cytotoxicity is mediated via glycogen synthase kinase-3 β and β -catenin. <i>Biochemical Pharmacology</i> , 2016 , 115, 18-27	6	20

65	Cryptotanshinone activates AMPK-TSC2 axis leading to inhibition of mTORC1 signaling in cancer cells. <i>BMC Cancer</i> , 2017 , 17, 34	4.8	19
64	Procyanidins from grape seeds protect against phorbol ester-induced oxidative cellular and genotoxic damage. <i>Acta Pharmacologica Sinica</i> , 2004 , 25, 1083-9	8	19
63	Transient receptor potential ion-channel subfamily V member 4: a potential target for cancer treatment. <i>Cell Death and Disease</i> , 2019 , 10, 497	9.8	18
62	Candesartan attenuates angiogenesis in hepatocellular carcinoma via downregulating AT1R/VEGF pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 704-711	7.5	18
61	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	5.6	17
60	The update on transcriptional regulation of autophagy in normal and pathologic cells: A novel therapeutic target. <i>Biomedicine and Pharmacotherapy</i> , 2015 , 74, 17-29	7.5	16
59	Characterization of the mechanism of drug-drug interactions from PubMed using MeSH terms. <i>PLoS ONE</i> , 2017 , 12, e0173548	3.7	16
58	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	5.6	15
57	Ligustrazine disrupts lipopolysaccharide-activated NLRP3 inflammasome pathway associated with inhibition of Toll-like receptor 4 in hepatocytes. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 78, 204-209	7.5	15
56	Xanthatin triggers Chk1-mediated DNA damage response and destabilizes Cdc25C via lysosomal degradation in lung cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2017 , 337, 85-94	4.6	14
55	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	5.6	14
54	A Complex Role for Calcium Signaling in Colorectal Cancer Development and Progression. <i>Molecular Cancer Research</i> , 2019 , 17, 2145-2153	6.6	14
53	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	5.6	14
52	Holothurian glycosaminoglycan inhibits metastasis via inhibition of P-selectin in B16F10 melanoma cells. <i>Molecular and Cellular Biochemistry</i> , 2015 , 410, 143-54	4.2	13
51	Curcumin raises lipid content by Wnt pathway in hepatic stellate cell. <i>Journal of Surgical Research</i> , 2016 , 200, 460-6	2.5	13
50	Innate Lymphoid Cells: Regulators of Gut Barrier Function and Immune Homeostasis. <i>Journal of Immunology Research</i> , 2019 , 2019, 2525984	4.5	13
49	The metabolic regulator Lamtor5 suppresses inflammatory signaling via regulating mTOR-mediated TLR4 degradation. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1063-1076	15.4	13
48	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, 626-33	4.7	12

47	Downregulation of Integrins in Cancer Cells and Anti-Platelet Properties Are Involved in Holothurian Glycosaminoglycan-Mediated Disruption of the Interaction of Cancer Cells and Platelets in Hematogenous Metastasis. <i>Journal of Vascular Research</i> , 2015 , 52, 197-209	1.9	12
46	The forecast of anticancer targets of cryptotanshinone based on reverse pharmacophore-based screening technology. <i>Chinese Journal of Natural Medicines</i> , 2014 , 12, 443-8	2.8	11
45	A novel algorithm for analyzing drug-drug interactions from MEDLINE literature. <i>Scientific Reports</i> , 2015 , 5, 17357	4.9	11
44	Daphnetin prevents methicillin-resistant <i>Staphylococcus aureus</i> infection by inducing autophagic response. <i>International Immunopharmacology</i> , 2019 , 72, 195-203	5.8	10
43	Gut Bacteria Selectively Altered by Sennoside A Alleviate Type 2 Diabetes and Obesity Traits. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 2375676	6.7	10
42	Exploring the Cold/hot properties of traditional Chinese medicine by cell temperature measurement. <i>Pharmaceutical Biology</i> , 2020 , 58, 208-218	3.8	9
41	Paeonol Suppresses Proliferation and Motility of Non-Small-Cell Lung Cancer Cells by Disrupting STAT3/NF- κ B Signaling. <i>Frontiers in Pharmacology</i> , 2020 , 11, 572616	5.6	9
40	Daphnetin Ameliorates Experimental Autoimmune Encephalomyelitis Through Regulating Heme Oxygenase-1. <i>Neurochemical Research</i> , 2020 , 45, 872-881	4.6	8
39	Nuclear PKM2 expression, an independent risk factor for ER after curative resection of hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 1858-1864	7.5	8
38	Antiallergic drug desloratadine as a selective antagonist of 5HT receptor ameliorates pathology of Alzheimer's disease model mice by improving microglial dysfunction. <i>Aging Cell</i> , 2021 , 20, e13286	9.9	7
37	Synthesis and Assessment of Novel Anti-chlamydial Benzylidene Acylhydrazides Derivatives. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 31-36	0.8	7
36	An ultra-sensitive and easy-to-use assay for sensing human UGT1A1 activities in biological systems. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 263-270	14	6
35	Suppressive role of diallyl trisulfide in the activated platelet-mediated hematogenous metastasis of MDA-MB-231 human breast cancer cells. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 1516-1524	4.4	6
34	Critical role of mTOR in regulating aerobic glycolysis in carcinogenesis (Review). <i>International Journal of Oncology</i> , 2021 , 58, 9-19	4.4	6
33	Pleiotropic effects of herbs characterized with blood-activating and stasis-resolving functions on angiogenesis. <i>Chinese Journal of Integrative Medicine</i> , 2016 , 22, 795-800	2.9	6
32	Probiotics in preventing and treating chemotherapy-induced diarrhea: a meta-analysis. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2019 , 28, 701-710	1	5
31	MicroRNA-127 Promotes Anti-microbial Host Defense through Restricting A20-Mediated De-ubiquitination of STAT3. <i>iScience</i> , 2020 , 23, 100763	6.1	5
30	Fuxin Granules ameliorate diabetic nephropathy in db/db mice through TGF- β /Smad and VEGF/VEGFR2 signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111806	7.5	4

29	Zhile Capsule Exerts Antidepressant-Like Effects through Upregulation of the BDNF Signaling Pathway and Neuroprotection. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
28	Microbiome Crosstalk in Immunotherapy and Antiangiogenesis Therapy. <i>Frontiers in Immunology</i> , 2021 , 12, 747914	8.4	3
27	SP6616 as a Kv2.1 inhibitor efficiently ameliorates peripheral neuropathy in diabetic mice. <i>EBioMedicine</i> , 2020 , 61, 103061	8.8	3
26	A fluorescence-based microplate assay for high-throughput screening and evaluation of human UGT inhibitors. <i>Analytica Chimica Acta</i> , 2021 , 1153, 338305	6.6	3
25	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	5.8	3
24	Relieving Sore Throat Formula Exerts a Therapeutic Effect on Pharyngitis through Immunoregulation and NF-B Pathway. <i>Mediators of Inflammation</i> , 2020 , 2020, 2929163	4.3	2
23	DW14006 as a Direct AMPK Activator Ameliorates Diabetic Peripheral Neuropathy in Mice. <i>Diabetes</i> , 2020 , 69, 1974-1988	0.9	2
22	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	7.8	2
21	SEGEL: A Web Server for Visualization of Smoking Effects on Human Lung Gene Expression. <i>PLoS ONE</i> , 2015 , 10, e0128326	3.7	2
20	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, 7037786	6.7	2
19	Antispasmodic Drug Drofenine as an Inhibitor of Kv2.1 Channel Ameliorates Peripheral Neuropathy in Diabetic Mice. <i>iScience</i> , 2020 , 23, 101617	6.1	2
18	Cryptotanshinone Inhibits ER-Dependent and -Independent BCRP Oligomer Formation to Reverse Multidrug Resistance in Breast Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 624811	5.3	2
17	NRXN1 is associated with increased excitability in ASD iPSC-derived neurons. <i>BMC Neuroscience</i> , 2021 , 22, 56	3.2	2
16	Gut Microbiota-Mediated Modulation of Cancer Progression and Therapy Efficacy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 626045	5.7	2
15	CuDDI: A CUDA-Based Application for Extracting Drug-Drug Interaction Related Substance Terms from PubMed Literature. <i>Molecules</i> , 2019 , 24,	4.8	1
14	A spontaneous metastatic mathematical model in mice for screening anti-metastatic agents. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018 , 92, 57-66	1.7	1
13	TIBS: a web database to browse gene expression in irritable bowel syndrome. <i>Journal of Theoretical Biology</i> , 2014 , 354, 48-53	2.3	1
12	The effect of menthol supplement diet on colitis-induced colon tumorigenesis and intestinal microbiota. <i>American Journal of Translational Research (discontinued)</i> , 2021 , 13, 38-56	3	1

11	The killing effect of Tanshinol on breast cancer cells: insight into the reversion of TGF- β -mediated suppression of NK cell functions. <i>Frontiers in Bioscience</i> , 2021 , 26, 1106-1118		1
10	Derivation of familial iPSC lines from three ASD patients carrying NRXN1 Δ and two controls (NUIGi022-A, NUIGi022-B; NUIGi023-A, NUIGi023-B; NUIGi025-A, NUIGi025-B; NUIGi024-A, NUIGi024-B; NUIGi026-A, NUIGi026-B). <i>Stem Cell Research</i> , 2019 , 41, 101653	1.6	1
9	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	5.6	1
8	Synthetic lethality theory approaches to effective substance discovery and functional mechanisms elucidation of anti-cancer phytomedicine. <i>Phytomedicine</i> , 2021 , 91, 153718	6.5	1
7	lpriflavone as a non-steroidal glucocorticoid receptor antagonist ameliorates diabetic cognitive impairment in mice.. <i>Aging Cell</i> , 2022 , e13572	9.9	1
6	Multi-material basis and multi-mechanisms of the Dahuang Zhechong pill for regulating Treg/Th1 balance in hepatocellular carcinoma.. <i>Phytomedicine</i> , 2022 , 100, 154055	6.5	0
5	Derivation of iPSC lines from three young healthy donors of Caucasian origin (NUIGi035-A; NUIGi036-A; NUIGi037-A). <i>Stem Cell Research</i> , 2020 , 49, 102101	1.6	
4	Derivation of two iPSC lines from a sporadic ASD patient (NUIGi033-A) and a paternal control (NUIGi034-A). <i>Stem Cell Research</i> , 2020 , 44, 101722	1.6	
3	Beta-elemene inhibits glycolysis leading to suppression of breast cancer metastasis dependent on blocking nuclear import of PKM2 and GLUT1 expression. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO3-7-21	0	
2	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	
1	Derivation of four iPSC lines from a male ASD patient carrying a deletion in the middle coding region of NRXN1 Δ gene (NUIGi039-A and NUIGi039-B) and a male sibling control (NUIGi040-A and NUIGi040-B). <i>Stem Cell Research</i> , 2021 , 53, 102254	1.6	