Jai-Sing Yang

List of Publications by Year
in descending order

277 papers	11,379 citations	25034 57 h-index	54911 84 g-index
280 all docs	280 docs citations	280 times ranked	12877 citing authors

#	Article	IF	Citations
1	Quercetin-mediated cell cycle arrest and apoptosis involving activation of a caspase cascade through the mitochondrial pathway in human breast cancer MCF-7 cells. Archives of Pharmacal Research, 2010, 33, 1181-1191.	6.3	242
2	Curcumin inhibits the migration and invasion of human A549 lung cancer cells through the inhibition of matrix metalloproteinase-2 and -9 and Vascular Endothelial Growth Factor (VEGF). Cancer Letters, 2009, 285, 127-133.	7.2	215
3	Quercetin-induced apoptosis acts through mitochondrial- and caspase-3-dependent pathways in human breast cancer MDA-MB-231 cells. Human and Experimental Toxicology, 2009, 28, 493-503.	2.2	207
4	Gallic Acid Induces Apoptosis via Caspase-3 and Mitochondrion-Dependent Pathways in Vitro and Suppresses Lung Xenograft Tumor Growth in Vivo. Journal of Agricultural and Food Chemistry, 2009, 57, 7596-7604.	5.2	188
5	Danthron, an Anthraquinone Derivative, Induces DNA Damage and Caspase Cascades-Mediated Apoptosis in SNU-1 Human Gastric Cancer Cells through Mitochondrial Permeability Transition Pores and Bax-Triggered Pathways. Chemical Research in Toxicology, 2011, 24, 20-29.	3.3	170
6	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells. Molecular Nutrition and Food Research, 2010, 54, 967-976.	3.3	164
7	Curcumin induces apoptosis in human non-small cell lung cancer NCI-H460 cells through ER stress and caspase cascade- and mitochondria-dependent pathways. Anticancer Research, 2010, 30, 2125-33.	1.1	162
8	DNA damage and endoplasmic reticulum stress mediated curcumin-induced cell cycle arrest and apoptosis in human lung carcinoma A-549 cells through the activation caspases cascade- and mitochondrial-dependent pathway. Cancer Letters, 2008, 272, 77-90.	7.2	157
9	Resveratrol-induced autophagy and apoptosis in cisplatin-resistant human oral cancer CAR cells: A key role of AMPK and Akt/mTOR signaling. International Journal of Oncology, 2017, 50, 873-882.	3.3	155
10	Kaempferol induced apoptosis via endoplasmic reticulum stress and mitochondriaâ€dependent pathway in human osteosarcoma Uâ€2 OS cells. Molecular Nutrition and Food Research, 2010, 54, 1585-1595.	3.3	147
11	Benzyl Isothiocyanate (BITC) Inhibits Migration and Invasion of Human Colon Cancer HT29 Cells by Inhibiting Matrix Metalloproteinase-2/-9 and Urokinase Plasminogen (uPA) through PKC and MAPK Signaling Pathway. Journal of Agricultural and Food Chemistry, 2010, 58, 2935-2942.	5.2	141
12	Berberine suppresses in vitro migration and invasion of human SCC-4 tongue squamous cancer cells through the inhibitions of FAK, IKK, NF-ÎºB, u-PA and MMP-2 and -9. Cancer Letters, 2009, 279, 155-162.	7.2	136
13	Berberine induces cell cycle arrest and apoptosis in human gastric carcinoma SNU-5 cell line. World Journal of Gastroenterology, 2006, 12, 21.	3.3	134
14	Curcumin-induced apoptosis of human colon cancer colo 205 cells through the production of ROS, Ca2+ and the activation of caspase-3. Anticancer Research, 2006, 26, 4379-89.	1.1	133
15	Kaempferol induces autophagy through AMPK and AKT signaling molecules and causes G2/M arrest via downregulation of CDK1/cyclin B in SK-HEP-1 human hepatic cancer cells. International Journal of Oncology, 2013, 42, 2069-2077.	3.3	123
16	Diallyl disulfide induces apoptosis in human colon cancer cell line (COLO 205) through the induction of reactive oxygen species, endoplasmic reticulum stress, caspases casade and mitochondrial-dependent pathways. Food and Chemical Toxicology, 2009, 47, 171-179.	3.6	113
17	Curcumin-loaded nanoparticles induce apoptotic cell death through regulation of the function of MDR1 and reactive oxygen species in cisplatin-resistant CAR human oral cancer cells. International Journal of Oncology, 2013, 43, 1141-1150.	3.3	113
18	Gallic acid inhibits migration and invasion in human osteosarcoma U-2 OS cells through suppressing the matrix metalloproteinase-2/-9, protein kinase B (PKB) and PKC signaling pathways. Food and Chemical Toxicology, 2012, 50, 1734-1740.	3.6	108

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19	Antitumor effects of emodin on LS1034 human colon cancer cells in vitro and in vivo: Roles of apoptotic cell death and LS1034 tumor xenografts model. Food and Chemical Toxicology, 2012, 50, 1271-1278.	3.6	106
20	Rutin inhibits human leukemia tumor growth in a murine xenograft model in vivo. Environmental Toxicology, 2012, 27, 480-484.	4.0	103
21	Plumbagin suppresses endothelial progenitor cell-related angiogenesis in vitro and in vivo. Journal of Functional Foods, 2019, 52, 537-544.	3.4	103
22	Antitumor Activity of Capsaicin on Human Colon Cancer Cells in Vitro and Colo 205 Tumor Xenografts in Vivo. Journal of Agricultural and Food Chemistry, 2010, 58, 12999-13005.	5.2	102
23	Benzyl isothiocyanate (BITC) and phenethyl isothiocyanate (PEITC)â€mediated generation of reactive oxygen species causes cell cycle arrest and induces apoptosis via activation of caspaseâ€3, mitochondria dysfunction and nitric oxide (NO) in human osteogenic sarcoma Uâ€2 OS cells. Journal of Orthopaedic Research, 2011, 29, 1199-1209.	2.3	100
24	Benzyl Isothiocyanate (BITC) Induces G₂/M Phase Arrest and Apoptosis in Human Melanoma A375.S2 Cells through Reactive Oxygen Species (ROS) and both Mitochondria-Dependent and Death Receptor-Mediated Multiple Signaling Pathways. Journal of Agricultural and Food Chemistry, 2012, 60, 665-675.	5.2	100
25	Berberine induced apoptosis via promoting the expression of caspase-8, -9 and -3, apoptosis-inducing factor and endonuclease G in SCC-4 human tongue squamous carcinoma cancer cells. Anticancer Research, 2009, 29, 4063-70.	1.1	93
26	Kaempferol suppresses cell metastasis via inhibition of the ERK-p38-JNK and AP-1 signaling pathways in U-2 OS human osteosarcoma cells. Oncology Reports, 2013, 30, 925-932.	2.6	92
27	Rutin inhibits the proliferation of murine leukemia WEHI-3 cells in vivo and promotes immune response in vivo. Leukemia Research, 2009, 33, 823-828.	0.8	90
28	Casticin inhibits human prostate cancer DU 145 cell migration and invasion via Ras/Akt/NFâ€ºB signaling pathways. Journal of Food Biochemistry, 2019, 43, e12902.	2.9	90
29	Capsaicin induced cell cycle arrest and apoptosis in human esophagus epidermoid carcinoma CE 81T/VGH cells through the elevation of intracellular reactive oxygen species and Ca2+ productions and caspase-3 activation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 601, 71-82.	1.0	88
30	Tetramethylpyrazine reverses high-glucose induced hypoxic effects by negatively regulating HIF-1Î± induced BNIP3 expression to ameliorate H9c2 cardiomyoblast apoptosis. Nutrition and Metabolism, 2020, 17, 12.	3.0	88
31	Quercetin inhibits migration and invasion of SAS human oral cancer cells through inhibition of NF-ÎºB and matrix metalloproteinase-2/-9 signaling pathways. Anticancer Research, 2013, 33, 1941-50.	1.1	86
32	Resveratrol inhibited the metastatic behaviors of cisplatinâ€resistant human oral cancer cells via phosphorylation of ERK/pâ€38 and suppression of MMPâ€2/9. Journal of Food Biochemistry, 2021, 45, e13666.	2.9	85
33	MJ-29 Inhibits Tubulin Polymerization, Induces Mitotic Arrest, and Triggers Apoptosis via Cyclin-Dependent Kinase 1-Mediated Bcl-2 Phosphorylation in Human Leukemia U937 Cells. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 477-488.	2.5	84
34	Gypenosides induced G0/G1 arrest via CHk2 and apoptosis through endoplasmic reticulum stress and mitochondria-dependent pathways in human tongue cancer SCC-4 cells. Oral Oncology, 2009, 45, 273-283.	1.5	82
35	High-density lipoprotein ameliorates palmitic acid-induced lipotoxicity and oxidative dysfunction in H9c2 cardiomyoblast cells via ROS suppression. Nutrition and Metabolism, 2019, 16, 36.	3.0	82
36	Gallic acid suppresses the migration and invasion of PC-3 human prostate cancer cells via inhibition of matrix metalloproteinase-2 and -9 signaling pathways. Oncology Reports, 2011, 26, 177-84.	2.6	78

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37	Synthesis of furopyrazole analogs of 1-benzyl-3-(5-hydroxymethyl-2-furyl)indazole (YC-1) as novel anti-leukemia agents. Bioorganic and Medicinal Chemistry, 2007, 15, 1732-1740.	3.0	75
38	Bufalin increases sensitivity to AKT/mTOR-induced autophagic cell death in SK-HEP-1 human hepatocellular carcinoma cells. International Journal of Oncology, 2012, 41, 1431-1442.	3.3	75
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55	Capsaicin mediates apoptosis in human nasopharyngeal carcinoma NPC-TW 039 cells through mitochondrial depolarization and endoplasmic reticulum stress. Human and Experimental Toxicology, 2012, 31, 539-549.	2.2	60
56	AKT serine/threonine protein kinase modulates baicalin-triggered autophagy in human bladder cancer T24 cells. International Journal of Oncology, 2013, 42, 993-1000.	3.3	60
57	Butein Inhibits the Migration and Invasion of SK-HEP-1 Human Hepatocarcinoma Cells through Suppressing the ERK, JNK, p38, and uPA Signaling Multiple Pathways. Journal of Agricultural and Food Chemistry, 2011, 59, 9032-9038.	5.2	58
58	Novel Quinazolinone MJ-29 Triggers Endoplasmic Reticulum Stress and Intrinsic Apoptosis in Murine Leukemia WEHI-3 Cells and Inhibits Leukemic Mice. PLoS ONE, 2012, 7, e36831.	2.5	58
59	Curcumin-loaded nanoparticles enhance apoptotic cell death of U2OS human osteosarcoma cells through the Akt-Bad signaling pathway. International Journal of Oncology, 2014, 44, 238-246.	3.3	58
60	ERK-modulated intrinsic signaling and G2/M phase arrest contribute to the induction of apoptotic death by allyl isothiocyanate in MDA-MB-468 human breast adenocarcinoma cells. International Journal of Oncology, 2012, 41, 2065-2072.	3.3	54
61	Bufalin induces G0/G1 phase arrest through inhibiting the levels of cyclin D, cyclin E, CDK2 and CDK4, and triggers apoptosis via mitochondrial signaling pathway in T24 human bladder cancer cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 732, 26-33.	1.0	54
62	Aloe-emodin induces cell death through S-phase arrest and caspase-dependent pathways in human tongue squamous cancer SCC-4 cells. Anticancer Research, 2009, 29, 4503-11.	1.1	54
63	Emodin, aloe-emodin and rhein induced DNA damage and inhibited DNA repair gene expression in SCC-4 human tongue cancer cells. Anticancer Research, 2010, 30, 945-51.	1.1	54
64	Quercetin inhibited murine leukemia WEHIâ€3 cells in vivo and promoted immune response. Phytotherapy Research, 2010, 24, 163-168.	5.8	53
65	Benzyl isothiocyanate (BITC) inhibits migration and invasion of human gastric cancer AGS cells via suppressing ERK signal pathways. Human and Experimental Toxicology, 2011, 30, 296-306.	2.2	53
66	Apoptosis triggered by vitexin in U937 human leukemia cells via a mitochondrial signaling pathway. Oncology Reports, 2012, 28, 1883-1888.	2.6	53
67	Emodin Has Cytotoxic and Protective Effects in Rat C6 Glioma Cells: Roles of Mdr1a and Nuclear Factor ÎºB in Cell Survival. Journal of Pharmacology and Experimental Therapeutics, 2009, 330, 736-744.	2.5	52
68	Diallyl trisulfide inhibits migration, invasion and angiogenesis of human colon cancer <scp>HT</scp>â€29 cells and umbilical vein endothelial cells, and suppresses murine xenograft tumour growth. Journal of Cellular and Molecular Medicine, 2015, 19, 474-484.	3.6	51
69	Rhein induced apoptosis through the endoplasmic reticulum stress, caspase- and mitochondria-dependent pathways in SCC-4 human tongue squamous cancer cells. In Vivo, 2009, 23, 309-16.	1.3	51
70	Epigallocatechin gallate sensitizes CAL-27 human oral squamous cell carcinoma cells to the anti-metastatic effects of gefitinib (Iressa) via synergistic suppression of epidermal growth factor receptor and matrix metalloproteinase-2. Oncology Reports, 2012, 28, 1799-1807.	2.6	50
71	Bee venom induces apoptosis through intracellular Ca²⁺â€modulated intrinsic death pathway in human bladder cancer cells. International Journal of Urology, 2012, 19, 61-70.	1.0	50
72	Diallyl disulfide inhibits WEHI-3 leukemia cells in vivo. Anticancer Research, 2006, 26, 219-25.	1.1	50

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73	Gallic acid induces Gâ‚€/Gâ‚•phase arrest and apoptosis in human leukemia HL-60 cells through inhibiting cyclin D and E, and activating mitochondria-dependent pathway. Anticancer Research, 2011, 31, 2821-32.	1.1	50
74	Gypenosides inhibits migration and invasion of human oral cancer SAS cells through the inhibition of matrix metalloproteinase-2 -9 and urokinase-plasminogen by ERK1/2 and NF-kappa B signaling pathways. Human and Experimental Toxicology, 2011, 30, 406-415.	2.2	49
75	Kaempferol inhibits angiogenic ability by targeting VEGF receptor-2 and downregulating the PI3K/AKT, MEK and ERK pathways in VEGF-stimulated human umbilical vein endothelial cells. Oncology Reports, 2018, 39, 2351-2357.	2.6	49
76	Gallic acid induces apoptosis in A375.S2 human melanoma cells through caspase-dependent and -independent pathways. International Journal of Oncology, 2010, 37, 377-85.	3.3	48
77	Apigenin induces apoptosis in human lung cancer H460 cells through caspase- and mitochondria-dependent pathways. Human and Experimental Toxicology, 2011, 30, 1053-1061.	2.2	48
78	Tetrandrine induces cell death in SAS human oral cancer cells through caspase activation-dependent apoptosis and LC3-I and LC3-II activation-dependent autophagy. International Journal of Oncology, 2013, 43, 485-494.	3.3	48
79	Chrysophanolâ€induced cell death (necrosis) in human lung cancer A549 cells is mediated through increasing reactive oxygen species and decreasing the level of mitochondrial membrane potential. Environmental Toxicology, 2014, 29, 740-749.	4.0	48
80	Phenethyl isothiocyanate inhibits migration and invasion of human gastric cancer AGS cells through suppressing MAPK and NF-kappaB signal pathways. Anticancer Research, 2010, 30, 2135-43.	1.1	48
81	Cucurbitacin E Induces G₂/M Phase Arrest through STAT3/p53/p21 Signaling and Provokes ApoptosisviaFas/CD95 and Mitochondria-Dependent Pathways in Human Bladder Cancer T24 Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	47
82	(-)-Epigallocatechin gallate induced apoptosis in human adrenal cancer NCI-H295 cells through caspase-dependent and caspase-independent pathway. Anticancer Research, 2009, 29, 1435-42.	1.1	47
83	Synthesis and anticancer activity of benzyloxybenzaldehyde derivatives against HL-60 cells. Bioorganic and Medicinal Chemistry, 2005, 13, 1537-1544.	3.0	46
84	Proteomic approach to studying the cytotoxicity of YCâ€1 on U937 leukemia cells and antileukemia activity in orthotopic model of leukemia mice. Proteomics, 2007, 7, 3305-3317.	2.2	46
85	Houttuynia cordata Thunb extract induces apoptosis through mitochondrial-dependent pathway in HT-29 human colon adenocarcinoma cells. Oncology Reports, 2009, 22, 1051-6.	2.6	46
86	Synthesis of 1-benzyl-3-(5-hydroxymethyl-2-furyl)selenolo[3,2-c]pyrazole derivatives as new anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 1395-1402.	5.5	46
87	Allyl isothiocyanate inhibits cell metastasis through suppression of the MAPK pathways in epidermal growth factor-stimulated HT29 human colorectal adenocarcinoma cells. Oncology Reports, 2014, 31, 189-196.	2.6	46
88	Oral administration of poly-gamma-glutamate induces TLR4- and dendritic cell-dependent antitumor effect. Cancer Immunology, Immunotherapy, 2009, 58, 1781-1794.	4.2	45
89	Apigenin Induces Apoptosis through Mitochondrial Dysfunction in U-2 OS Human Osteosarcoma Cells and Inhibits Osteosarcoma Xenograft Tumor Growth in Vivo. Journal of Agricultural and Food Chemistry, 2012, 60, 11395-11402.	5.2	45
90	Newly synthesized quinazolinone HMJ-38 suppresses angiogenetic responses and triggers human umbilical vein endothelial cell apoptosis through p53-modulated Fas/death receptor signaling. Toxicology and Applied Pharmacology, 2013, 269, 150-162.	2.8	44

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91	Allyl isothiocyanate triggers G2/M phase arrest and apoptosis in human brain malignant glioma GBM 8401 cells through a mitochondria-dependent pathway. Oncology Reports, 2010, 24, 449-55.	2.6	43
92	Phenethyl Isothiocyanate Inhibited Tumor Migration and Invasion via Suppressing Multiple Signal Transduction Pathways in Human Colon Cancer HT29 Cells. Journal of Agricultural and Food Chemistry, 2010, 58, 11148-11155.	5.2	43
93	Crystal structures of murine norovirus-1 RNA-dependent RNA polymerase in complex with 2-thiouridine or ribavirin. Virology, 2012, 426, 143-151.	2.4	43
94	The roles of endoplasmic reticulum stress and Ca2+ on rhein-induced apoptosis in A-549 human lung cancer cells. Anticancer Research, 2009, 29, 309-18.	1.1	43
95	Pycnogenol induces differentiation and apoptosis in human promyeloid leukemia HL-60 cells. Leukemia Research, 2005, 29, 685-692.	0.8	42
96	Diallyl trisulfide induces apoptosis in human primary colorectal cancer cells. Oncology Reports, 2012, 28, 949-954.	2.6	42
97	Ellagic acid induces apoptosis in tsgh8301 human bladder cancer cells through the endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. Environmental Toxicology, 2013, 29, n/a-n/a.	4.0	42
98	AMPKâ€dependent signaling modulates the suppression of invasion and migration by fenofibrate in <scp>CAL</scp> 27 oral cancer cells through <scp>NF</scp>â€Î°<scp>B</scp> pathway. Environmental Toxicology, 2016, 31, 866-876.	4.0	42
99	Wogonin triggers apoptosis in human osteosarcoma U-2 OS cells through the endoplasmic reticulum stress, mitochondrial dysfunction and caspase-3-dependent signaling pathways. International Journal of Oncology, 2011, 39, 217-24.	3.3	41
100	Kaempferol induces ATM/p53-mediated death receptor and mitochondrial apoptosis in human umbilical vein endothelial cells. International Journal of Oncology, 2016, 48, 2007-2014.	3.3	41
101	Gypenosides induced G0/G1 arrest via inhibition of cyclin E and induction of apoptosis via activation of caspases-3 and -9 in human lung cancer A-549 cells. In Vivo, 2008, 22, 215-21.	1.3	41
102	Curcumin blocks migration and invasion of mouse-rat hybrid retina ganglion cells (N18) through the inhibition of MMP-2, -9, FAK, Rho A and Rock-1 gene expression. Oncology Reports, 2010, 23, 665-70.	2.6	41
103	Diallyl trisulfide (DATS) inhibits mouse colon tumor in mouse CT-26 cells allograft model in vivo. Phytomedicine, 2011, 18, 672-676.	5.3	40
104	Curcumin induces apoptosis through FAS and FADD, in caspase-3-dependent and -independent pathways in the N18 mouse-rat hybrid retina ganglion cells. Oncology Reports, 2009, 22, 97-104.	2.6	39
105	Triptolide induces apoptosis in human adrenal cancer NCI-H295 cells through a mitochondrial-dependent pathway. Oncology Reports, 2011, 25, 551-7.	2.6	39
106	Metformin triggers the intrinsic apoptotic response in human AGS gastric adenocarcinoma cells by activating AMPK and suppressing mTOR/AKT signaling. International Journal of Oncology, 2019, 54, 1271-1281.	3.3	39
107	Combinational treatment of allâ€trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC)â€induced apoptosis in liver cancer Hep3B cells. Journal of Food Biochemistry, 2020, 44, e13122.	2.9	39
108	ROS mediates baicalin-induced apoptosis in human promyelocytic leukemia HL-60 cells through the expression of the Gadd153 and mitochondrial-dependent pathway. Anticancer Research, 2007, 27, 117-25.	1.1	39

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109	Phenethyl Isothiocyanate (PEITC) Inhibits the Growth of Human Oral Squamous Carcinoma HSC-3 Cells through<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>G</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> Arrest and Mitochondria-Mediated Apoptotic Cell Death. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	1.2	38
110	Triggering Apoptotic Death of Human Malignant Melanoma A375.S2 Cells by Bufalin: Involvement of Caspase Cascade-Dependent and Independent Mitochondrial Signaling Pathways. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.	1.2	38
111	Diallyl Sulfide Promotes Cell-Cycle Arrest Through the p53 Expression and Triggers Induction of Apoptosis Via Caspase- and Mitochondria-Dependent Signaling Pathways in Human Cervical Cancer Ca Ski Cells. Nutrition and Cancer, 2013, 65, 505-514.	2.0	38
112	GADD153 mediates berberine-induced apoptosis in human cervical cancer Ca ski cells. Anticancer Research, 2007, 27, 3379-86.	1.1	38
113	Houttuynia cordata Thunb extract inhibits cell growth and induces apoptosis in human primary colorectal cancer cells. Anticancer Research, 2010, 30, 3549-56.	1.1	38
114	Norcantharidin triggers cell death and DNA damage through S-phase arrest and ROS-modulated apoptotic pathways in TSGH 8301 human urinary bladder carcinoma cells. International Journal of Oncology, 2012, 41, 1050-1060.	3.3	37
115	Glycyrrhizic acid induces apoptosis in WEHI-3 mouse leukemia cells through the caspase- and mitochondria-dependent pathways. Oncology Reports, 2012, 28, 2069-2076.	2.6	37
116	Triptolide induced DNA damage in A375.S2 human malignant melanoma cells is mediated via reduction of DNA repair genes. Oncology Reports, 2013, 29, 613-618.	2.6	37
117	Induction of DNA damage by deguelin is mediated through reducing DNA repair genes in human non-small cell lung cancer NCI-H460 cells. Oncology Reports, 2012, 27, 959-964.	2.6	36
118	Ganoderma lucidumExtracts Inhibited Leukemia WEHI-3 Cells in BALB/c Mice and Promoted an Immune Responsein Vivo. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2589-2594.	1.3	35
119	Molecular evidence of anti-leukemia activity of gypenosides on human myeloid leukemia HL-60 cells in vitro and in vivo using a HL-60 cells murine xenograft model. Phytomedicine, 2011, 18, 1075-1085.	5.3	35
120	Houttuynia cordata Thunb extract modulates G0/G1 arrest and Fas/CD95-mediated death receptor apoptotic cell death in human lung cancer A549 cells. Journal of Biomedical Science, 2013, 20, 18.	7.0	35
121	Cell death caused by quinazolinone HMJ-38 challenge in oral carcinoma CAL 27 cells: dissections of endoplasmic reticulum stress, mitochondrial dysfunction and tumor xenografts. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2310-2320.	2.4	35
122	The Role of Ca2+ on the DADS-induced Apoptosis in Mouseâ€“Rat Hybrid Retina Ganglion Cells (N18). Neurochemical Research, 2006, 31, 383-393.	3.3	34
123	Induction of apoptotic death by curcumin in human tongue squamous cell carcinoma SCC-4 cells is mediated through endoplasmic reticulum stress and mitochondria-dependent pathways. Cell Biochemistry and Function, 2011, 29, 641-650.	2.9	34
124	Antitumor effects of the novel quinazolinone MJ-33: Inhibition of metastasis through the MAPK, AKT, NF-Î°B and AP-1 signaling pathways in DU145 human prostate cancer cells. International Journal of Oncology, 2012, 41, 1513-1519.	3.3	34
125	Gallic acid provokes DNA damage and suppresses DNA repair gene expression in human prostate cancer PCâ€3 cells. Environmental Toxicology, 2013, 28, 579-587.	4.0	34
126	Benzyl isothiocyanate (BITC) triggers mitochondria-mediated apoptotic machinery in human		

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127	Curcumin-Induced DNA Damage and Inhibited DNA Repair Genes Expressions in Mouseâ€“Rat Hybrid Retina Ganglion Cells (N18). Neurochemical Research, 2009, 34, 1491-1497.	3.3	33
128	Danthron Induces DNA Damage and Inhibits DNA Repair Gene Expressions in GBM 8401 Human Brain Glioblastoma Multiforms Cells. Neurochemical Research, 2010, 35, 1105-1110.	3.3	33
129	Development of fibroblast culture in three-dimensional activated carbon fiber-based scaffold for wound healing. Journal of Materials Science: Materials in Medicine, 2012, 23, 1465-1478.	3.6	33
130	Chrysophanol-induced necrotic-like cell death through an impaired mitochondrial ATP synthesis in Hep3B human liver cancer cells. Archives of Pharmacal Research, 2012, 35, 887-895.	6.3	33
131	Bufalinâ€inhibited migration and invasion in human osteosarcoma Uâ€2 OS cells is carried out by suppression of the matrix metalloproteinaseâ€2, ERK, and JNK signaling pathways. Environmental Toxicology, 2014, 29, 21-29.	4.0	33
132	Bee venom induced cell cycle arrest and apoptosis in human cervical epidermoid carcinoma Ca Ski cells. Anticancer Research, 2008, 28, 833-42.	1.1	33
133	Novel quinolone CHMâ€1 induces apoptosis and inhibits metastasis in a human osterogenic sarcoma cell line. Journal of Orthopaedic Research, 2009, 27, 1637-1644.	2.3	32
134	Involvement of Matrix Metalloproteinases on the Inhibition of Cells Invasion and Migration by Emodin in Human Neuroblastoma SH-SY5Y Cells. Neurochemical Research, 2009, 34, 1575-1583.	3.3	32
135	Benzyl isothiocyanate inhibits murine WEHI-3 leukemia cells in vitro and promotes phagocytosis in BALB/c mice in vivo. Leukemia Research, 2009, 33, 1505-1511.	0.8	32
136	Emodin Induces Apoptotic Death in Murine Myelomonocytic Leukemia WEHI-3 CellsIn Vitroand Enhances Phagocytosis in Leukemia MiceIn Vivo. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-13.	1.2	32
137	AKT serine/threonine protein kinase modulates bufalin-triggered intrinsic pathway of apoptosis in CAL 27 human oral cancer cells. International Journal of Oncology, 2012, 41, 1683-1692.	3.3	32
138	Effect of Quercetin on Dexamethasone-Induced C2C12 Skeletal Muscle Cell Injury. Molecules, 2020, 25, 3267.	3.8	32
139	Coumarin induces cell cycle arrest and apoptosis in human cervical cancer HeLa cells through a mitochondria- and caspase-3 dependent mechanism and NF-kappaB down-regulation. In Vivo, 2007, 21, 1003-9.	1.3	32
140	An Experimental Study on the Antileukemia Effects of Gypenosides In Vitro and In Vivo. Integrative Cancer Therapies, 2011, 10, 101-112.	2.0	31
141	Danthron Induced Apoptosis Through Mitochondria- and Caspase-3-Dependent Pathways in Human Brain Glioblastoma Multiforms GBM 8401 Cells. Neurochemical Research, 2010, 35, 390-398.	3.3	30
142	Gypenosides Suppress Growth of Human Oral Cancer SAS Cells In Vitro and in a Murine Xenograft Model. Integrative Cancer Therapies, 2012, 11, 129-140.	2.0	30
143	Phenethyl isothiocyanate suppresses EGF-stimulated SAS human oral squamous carcinoma cell invasion by targeting EGF receptor signaling. International Journal of Oncology, 2013, 43, 629-637.	3.3	30
144	The synthesized 2-(2-fluorophenyl)-6,7-methylenedioxyquinolin-4-one (CHM-1) promoted G2/M arrest through inhibition of CDK1 and induced apoptosis through the mitochondrial-dependent pathway in CT-26 murine colorectal adenocarcinoma cells. Journal of Gastroenterology, 2009, 44, 1055-1063.	5.1	29

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145	Baicalein-Induced Apoptosis via Endoplasmic Reticulum Stress Through Elevations of Reactive Oxygen Species and Mitochondria Dependent Pathway in Mouseâ€“Rat Hybrid Retina Ganglion Cells (N18). Neurochemical Research, 2009, 34, 418-429.	3.3	29
146	Novel quinazoline HMJâ€30 induces Uâ€2 OS human osteogenic sarcoma cell apoptosis through induction of oxidative stress and upâ€regulation of ATM/p53 signaling pathway. Journal of Orthopaedic Research, 2011, 29, 1448-1456.	2.3	29
147	Activations of Both Extrinsic and Intrinsic Pathways in HCT 116 Human Colorectal Cancer Cells Contribute to Apoptosis through p53-Mediated ATM/Fas Signaling byEmilia sonchifoliaExtract, a Folklore Medicinal Plant. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-13.	1.2	29
148	Apigenin induces caspase-dependent apoptosis in human lung cancer A549 cells through Bax- and Bcl-2-triggered mitochondrial pathway. International Journal of Oncology, 2010, 36, 1477-84.	3.3	28
149	Curcumin inhibits human lung large cell carcinoma cancer tumour growth in a murine xenograft model. Phytotherapy Research, 2010, 24, 189-192.	5.8	28
150	Apoptotic death in curcumin-treated NPC-TW 076 human nasopharyngeal carcinoma cells is mediated through the ROS, mitochondrial depolarization and caspase-3-dependent signaling responses. International Journal of Oncology, 2011, 39, 319-28.	3.3	28
151	Phenethyl isothiocyanate triggers apoptosis in human malignant melanoma A375.S2 cells through reactive oxygen species and the mitochondria-dependent pathways. Human and Experimental Toxicology, 2014, 33, 270-283.	2.2	28
152	Current concepts regarding developmental mechanisms in diabetic retinopathy in Taiwan. BioMedicine		

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