

# Jai-Sing Yang

## List of Publications by Year in descending order

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277  
papers

11,379  
citations

25031

57  
h-index

54911

84  
g-index

280  
all docs

280  
docs citations

280  
times ranked

12877  
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin suppresses cell proliferation and triggers apoptosis in vemurafenib-resistant melanoma cells by downregulating the <sc>EGFR</sc> signaling pathway. Environmental Toxicology, 2022, 37, 868-879.	4.0	16
2	Gadodiamide Induced Autophagy and Apoptosis in Human Keratinocytes. In Vivo, 2022, 36, 603-609.	1.3	1
3	<i>Tremella fuciformis</i> Inhibits Melanogenesis in B16F10 Cells and Promotes Migration of Human Fibroblasts and Keratinocytes. In Vivo, 2022, 36, 713-722.	1.3	5
4	Potential effects of allyl isothiocyanate on inhibiting cellular proliferation and inducing apoptotic pathway in human cisplatin-resistant oral cancer cells. Journal of the Formosan Medical Association, 2021, 120, 515-523.	1.7	28
5	<i>In Vitro</i> Toxicological Assessment of Gadodiamide in Normal Brain SVG P12 Cells. In Vivo, 2021, 35, 2621-2630.	1.3	1
6	Resveratrol inhibited the metastatic behaviors of cisplatin-resistant human oral cancer cells via phosphorylation of ERK/p38 and suppression of MMP2/9. Journal of Food Biochemistry, 2021, 45, e13666.	2.9	85
7	Next-generation sequencing analysis reveals that MTH-3, a novel curcuminoid derivative, suppresses the invasion of MDA-MB-231 triple-negative breast adenocarcinoma cells. Oncology Reports, 2021, 46, .	2.6	7
8	Dracorhodin perchlorate enhances wound healing via $\beta$ -catenin, ERK/p38, and AKT signaling in human HaCaT keratinocytes. Experimental and Therapeutic Medicine, 2021, 22, 822.	1.8	13
9	Factors influencing locoregional recurrence and distant metastasis in Asian patients with cutaneous melanoma after surgery: A retrospective analysis in a tertiary hospital in Taiwan. Journal of the Chinese Medical Association, 2021, 84, 870-876.	1.4	6
10	Tetrandrine Inhibits Epithelial-Mesenchymal Transition in IL-6-Induced HCT116 Human Colorectal Cancer Cells. OncoTargets and Therapy, 2021, Volume 14, 4523-4536.	2.0	7
11	High Concentration of Iopromide Induces Apoptosis and Autophagy in Human Embryonic Kidney Cells via Activating a ROS-dependent Cellular Stress Pathway. In Vivo, 2021, 35, 3221-3232.	1.3	2
12	Curcumin Derivative MTH-3 Regulates Palmitate-induced Insulin Resistance in Mouse Myoblast C <sub>2</sub> C <sub>12</sub> Cells. In Vivo, 2021, 35, 3181-3191.	1.3	1
13	In Silico Target Analysis of Treatment for COVID-19 Using Huang-Lian-Shang-Qing-Wan, a Traditional Chinese Medicine Formula. Natural Product Communications, 2021, 16, 1934578X2110308.	0.5	0
14	Effect of Quercetin on Injury to Indomethacin-Treated Human Embryonic Kidney 293 Cells. Life, 2021, 11, 1134.	2.4	1
15	Combinational treatment of all-trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC)-induced apoptosis in liver cancer Hep3B cells. Journal of Food Biochemistry, 2020, 44, e13122.	2.9	39
16	<i>In Silico</i> De Novo Curcuminoid Derivatives From the Compound Library of Natural Products Research Laboratories Inhibit COVID-19 3CL <sup>pro</sup> Activity. Natural Product Communications, 2020, 15, 1934578X2095326.	0.5	4
17	Effect of Quercetin on Dexamethasone-Induced C2C12 Skeletal Muscle Cell Injury. Molecules, 2020, 25, 3267.	3.8	32
18	Tetramethylpyrazine reverses high-glucose induced hypoxic effects by negatively regulating HIF-1 $\alpha$ -induced BNIP3 expression to ameliorate H9c2 cardiomyoblast apoptosis. Nutrition and Metabolism, 2020, 17, 12.	3.0	88

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19	Sensitivity of allyl isothiocyanate to induce apoptosis via ER stress and the mitochondrial pathway upon ROS production in colorectal adenocarcinoma cells. <i>Oncology Reports</i> , 2020, 44, 1415-1424.	2.6	16
20	Caspase-dependent apoptotic death by gadolinium chloride (GdCl <sub>3</sub> ) via reactive oxygen species production and MAPK signaling in rat C6 glioma cells. <i>Oncology Reports</i> , 2019, 41, 1324-1332.	2.6	7
21	Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , 2019, 30, 1033-1045.	1.4	72
22	High-density lipoprotein ameliorates palmitic acid-induced lipotoxicity and oxidative dysfunction in H9c2 cardiomyoblast cells via ROS suppression. <i>Nutrition and Metabolism</i> , 2019, 16, 36.	3.0	82
23	Cantharidin decreased viable cell number in human osteosarcoma U-2 OS cells through G2/M phase arrest and induction of cell apoptosis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 1912-1923.	1.3	8
24	Casticin inhibits human prostate cancer DU 145 cell migration and invasion via Ras/Akt/NF- $\kappa$ B signaling pathways. <i>Journal of Food Biochemistry</i> , 2019, 43, e12902.	2.9	90
25	Autophagy and apoptotic machinery caused by <i>Polygonum cuspidatum</i> extract in cisplatin-resistant human oral cancer CAR cells. <i>Oncology Reports</i> , 2019, 41, 2549-2557.	2.6	14
26	Metformin triggers the intrinsic apoptotic response in human AGS gastric adenocarcinoma cells by activating AMPK and suppressing mTOR/AKT signaling. <i>International Journal of Oncology</i> , 2019, 54, 1271-1281.	3.3	39
27	The hepatoprotective activities of <i>Kalimeris indica</i> ethanol extract against liver injury in vivo. <i>Food Science and Nutrition</i> , 2019, 7, 3797-3807.	3.4	6
28	Plumbagin suppresses endothelial progenitor cell-related angiogenesis in vitro and in vivo. <i>Journal of Functional Foods</i> , 2019, 52, 537-544.	3.4	103
29	Effects of <i>Lycium barbarum</i> (goji berry) on dry eye disease in rats. <i>Molecular Medicine Reports</i> , 2018, 17, 809-818.	2.4	25
30	Effect of bis(hydroxymethyl) alkanoate curcuminoid derivative MTH-3 on cell cycle arrest, apoptotic and autophagic pathway in triple-negative breast adenocarcinoma MDA-MB-231 cells: An in vitro study. <i>International Journal of Oncology</i> , 2018, 52, 67-76.	3.3	24
31	2-Phenyl-4-quinolone (YT-1) induces G2/M phase arrest and an intrinsic apoptotic mechanism in human leukemia cells. <i>Oncology Reports</i> , 2018, 39, 1331-1337.	2.6	3
32	ITR-284 modulates cell differentiation in human chronic myelogenous leukemia K562 cells. <i>Oncology Reports</i> , 2018, 39, 383-391.	2.6	2
33	Eudesmin attenuates <i>Helicobacter pylori</i> -induced epithelial autophagy and apoptosis and leads to eradication of <i>H. pylori</i> infection. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2388-2396.	1.8	8
34	Disruption of IGF-1R signaling by a novel quinazoline derivative, HMJ-30, inhibits invasiveness and reverses epithelial-mesenchymal transition in osteosarcoma U-2 OS cells. <i>International Journal of Oncology</i> , 2018, 52, 1465-1478.	3.3	7
35	Late onset of biliopleural fistula following percutaneous transhepatic biliary drainage: a case report.		

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37	Synergistic inhibitory effects of cetuximab and curcumin on human cisplatinâ€resistant oral cancer CAR cells through intrinsic apoptotic process. Oncology Letters, 2018, 16, 6323-6330.	1.8	22
38	Relaxant and vasoprotective effects of ginger extracts on porcine coronary arteries. International Journal of Molecular Medicine, 2018, 41, 2420-2428.	4.0	18
39	The molecular mechanism of contrast-induced nephropathy (CIN) and its link to in vitro studies on		

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55	The<i>In Vitro</i>and<i>In Vivo</i>Wound Healing Properties of the Chinese Herbal Medicine “Jinchuang Ointment” Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-11.	1.2	19
56	Gadolinium chloride elicits apoptosis in human osteosarcoma U-2 OS cells through extrinsic signaling, intrinsic pathway and endoplasmic reticulum stress. Oncology Reports, 2016, 36, 3421-3426.	2.6	11
57	CCY-1a-E2 induces G2/M phase arrest and apoptotic cell death in HL-60 leukemia cells through cyclin-dependent kinase 1 signaling and the mitochondria-dependent caspase pathway. Oncology Reports, 2016, 36, 1633-1639.	2.6	5
58	Mechanistic Study of Tetrahydrofuran- acetogenins In Triggering Endoplasmic Reticulum Stress Response-apoptosis in Human Nasopharyngeal Carcinoma. Scientific Reports, 2016, 6, 39251.	3.3	14
59	Inhibitory effects of tetrandrine on epidermal growth factor-induced invasion and migration in HT29 human colorectal adenocarcinoma cells. Molecular Medicine Reports, 2016, 13, 1003-1009.	2.4	14
60	Current concepts regarding developmental mechanisms in diabetic retinopathy in Taiwan. BioMedicine		

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73	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. <i>Environmental Toxicology</i> , 2014, 29, 21-29.	4.0	33
74	The roles of endoplasmic reticulum stress and mitochondrial apoptotic signaling pathway in quercetinâ€mediated cell death of human prostate cancer PCâ€3 cells. <i>Environmental Toxicology</i> , 2014, 29, 428-439.	4.0	70
75	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. <i>Environmental Toxicology</i> , 2014, 29, 740-749.	4.0	48
76	Design, Synthesis, Mechanisms of Action, and Toxicity of Novel 20( <i>S</i> )-Sulfonylamidine Derivatives of Camptothecin as Potent Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6008-6018.	6.4	66
77	Effect of DNA damage response by quinazolinone analogue HMJ-38 on human umbilical vein endothelial cells. <i>Human and Experimental Toxicology</i> , 2014, 33, 590-601.	2.2	3
78	Crude extract of <i>Rheum palmatum</i> L induced cell death in LS1034 human colon cancer cells acts through the caspaseâ€dependent and â€independent pathways. <i>Environmental Toxicology</i> , 2014, 29, 969-980.	4.0	18
79	Cell death caused by quinazolinone HMJ-38 challenge in oral carcinoma CAL 27 cells: dissections of endoplasmic reticulum stress, mitochondrial dysfunction and tumor xenografts. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2310-2320.	2.4	35
80	Allyl isothiocyanate inhibits cell metastasis through suppression of the MAPK pathways in epidermal growth factor-stimulated HT29 human colorectal adenocarcinoma cells. <i>Oncology Reports</i> , 2014, 31, 189-196.	2.6	46
81	The novel pterostilbene derivative ANK-199 induces autophagic cell death through regulating PI3 kinase class III/beclin 1/Atg-related proteins in cisplatin-resistant CAR human oral cancer cells. <i>International Journal of Oncology</i> , 2014, 45, 782-794.	3.3	23
82	Quinazoline analog HMJ-30 inhibits angiogenesis: Involvement of endothelial cell apoptosis through ROS-JNK-mediated death receptor 5 signaling. <i>Oncology Reports</i> , 2014, 32, 597-606.	2.6	12
83	Curcumin-loaded nanoparticles enhance apoptotic cell death of U2OS human osteosarcoma cells through the Akt-Bad signaling pathway. <i>International Journal of Oncology</i> , 2014, 44, 238-246.	3.3	58
84	Phenethyl isothiocyanate promotes immune responses in normal BALB/c mice, inhibits murine leukemia WEHIâ€3 cells, and stimulates immunomodulations <i>in vivo</i> . <i>Environmental Toxicology</i> , 2013, 28, 127-136.	4.0	19
85	Induction of apoptosis by curcumin in murine myelomonocytic leukemia WEHIâ€3 cells is mediated via endoplasmic reticulum stress and mitochondriaâ€dependent pathways. <i>Environmental Toxicology</i> , 2013, 28, 255-266.	4.0	27
86	Diallyl sulfide, diallyl disulfide, and diallyl trisulfide inhibit migration and invasion in human colon cancer colo 205 cells through the inhibition of matrix metalloproteinase-2, -7, and -9 expressions. <i>Environmental Toxicology</i> , 2013, 28, 479-488.	4.0	72
87	cDNA microarray analysis of the gene expression of murine leukemia RAW 264.7 cells after exposure to propofol. <i>Environmental Toxicology</i> , 2013, 28, 471-478.	4.0	14
88	Gallic acid provokes DNA damage and suppresses DNA repair gene expression in human prostate cancer PCâ€3 cells. <i>Environmental Toxicology</i> , 2013, 28, 579-587.	4.0	34
89	Safrole suppresses murine myelomonocytic leukemia WEHI-3 cells <i>in vivo</i> , and stimulates macrophage phagocytosis and natural killer cell cytotoxicity in leukemic mice. <i>Environmental Toxicology</i> , 2013, 28, 601-608.	4.0	14
90	Induction of Cell Cycle Arrest and Apoptosis in Human Osteosarcoma U-2 OS Cells by <i>Solanum lyratum</i> Extracts. <i>Nutrition and Cancer</i> , 2013, 65, 469-479.	2.0	18

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91	Houttuynia cordata Thunb extract modulates G0/G1 arrest and Fas/CD95-mediated death receptor apoptotic cell death in human lung cancer A549 cells. <i>Journal of Biomedical Science</i> , 2013, 20, 18.	7.0	35
92	Ellagic acid induces apoptosis in tsgh8301 human bladder cancer cells through the endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. <i>Environmental Toxicology</i> , 2013, 29, n/a-n/a.	4.0	42
93	Design, synthesis, and mechanism of action of 2-(3-hydroxy-5-methoxyphenyl)-6-pyrrolidinylquinolin-4-one as a potent anticancer lead. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5223-5227.	2.2	9
94	Triptolide induced DNA damage in A375.S2 human malignant melanoma cells is mediated via reduction of DNA repair genes. <i>Oncology Reports</i> , 2013, 29, 613-618.	2.6	37
95	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. <i>Nutrition and Cancer</i> , 2013, 65, 505-514.	2.0	38
96	AKT serine/threonine protein kinase modulates baicalin-triggered autophagy in human bladder cancer T24 cells. <i>International Journal of Oncology</i> , 2013, 42, 993-1000.	3.3	60
97	Newly synthesized quinazolinone HMI-38 suppresses angiogenetic responses and triggers human umbilical vein endothelial cell apoptosis through p53-modulated Fas/death receptor signaling. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 150-162.	2.8	44
98	The novel synthetic compound 6-acetyl-9-(3,4,5-trimethoxybenzyl)-9H-pyrido[2,3-b]indole induces mitotic arrest and apoptosis in human COLO 205 cells. <i>International Journal of Oncology</i> , 2013, 43, 1596-1606.	3.3	4
99	Phenethyl isothiocyanate suppresses EGF-stimulated SAS human oral squamous carcinoma cell invasion by targeting EGF receptor signaling. <i>International Journal of Oncology</i> , 2013, 43, 629-637.	3.3	30
100	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. <i>International Journal of Oncology</i> , 2013, 42, 2069-2077.	3.3	123
101	Suppressions of Migration and Invasion by Cantharidin in TSGH-8301 Human Bladder Carcinoma Cells through the Inhibitions of Matrix Metalloproteinase-2/-9 Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	17
102	Propofol induces DNA damage in mouse leukemic monocyte macrophage RAW264.7 cells. <i>Oncology Reports</i> , 2013, 30, 2304-2310.	2.6	18
103	Kaempferol suppresses cell metastasis via inhibition of the ERK-p38-JNK and AP-1 signaling pathways in U-2 OS human osteosarcoma cells. <i>Oncology Reports</i> , 2013, 30, 925-932.	2.6	92
104	The novel carboxamide analog ITR-284 induces caspase-dependent apoptotic cell death in human hepatocellular and colorectal cancer cells. <i>Molecular Medicine Reports</i> , 2013, 7, 1539-1544.	2.4	4
105	Triptolide induces S phase arrest via the inhibition of cyclin E and CDC25A and triggers apoptosis via caspase- and mitochondrial-dependent signaling pathways in A375.S2 human melanoma cells. <i>Oncology Reports</i> , 2013, 29, 1053-1060.	2.6	25
106	Dual inhibition of EGFR and c-Met kinase activation by MJ-56 reduces metastasis of HT29 human colorectal cancer cells. <i>International Journal of Oncology</i> , 2013, 43, 141-150.	3.3	24
107	Smh-3 induces G2/M arrest and apoptosis through calcium-mediated endoplasmic reticulum stress and mitochondrial signaling in human hepatocellular carcinoma Hep3B cells. <i>Oncology Reports</i> , 2013, 29, 751-762.	2.6	14
108	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. <i>International Journal of Oncology</i> , 2013, 43, 1141-1150.	3.3	113

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109	Tetrandrine induces cell death in SAS human oral cancer cells through caspase activation-dependent apoptosis and LC3-I and LC3-II activation-dependent autophagy. <i>International Journal of Oncology</i> , 2013, 43, 485-494.	3.3	48
110	Crude extract of <i>Euphorbia formosana</i> inhibits the migration and invasion of DU145 human prostate cancer cells: The role of matrix metalloproteinase-2/9 inhibition via the MAPK signaling pathway. <i>Molecular Medicine Reports</i> , 2013, 7, 1403-1408.	2.4	11
111	In vivo evaluation of the synthesized novel 2-benzyloxybenzaldehyde analog CCY-1a-E2 for the treatment of leukemia in the BALB/c mouse WEHI-3 allograft model. <i>Oncology Letters</i> , 2013, 5, 777-782.	1.8	5
112	Quercetin inhibits migration and invasion of SAS human oral cancer cells through inhibition of NF- $\kappa$ B and matrix metalloproteinase-2/-9 signaling pathways. <i>Anticancer Research</i> , 2013, 33, 1941-50.	1.1	86
113	Butylated hydroxyanisole affects immunomodulation and promotes macrophage phagocytosis in normal BALB/c mice. <i>Molecular Medicine Reports</i> , 2012, 5, 683-7.	2.4	4
114	Citosol (thiamylal sodium) triggers apoptosis and affects gene expressions of murine leukemia RAW 264.7 cells. <i>Human and Experimental Toxicology</i> , 2012, 31, 771-779.	2.2	11
115	Activations of Both Extrinsic and Intrinsic Pathways in HCT 116 Human Colorectal Cancer Cells Contribute to Apoptosis through p53-Mediated ATM/Fas Signaling by <i>Emilia sonchifolia</i> Extract, a Folklore Medicinal Plant. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-13.	1.2	29
116	Phenethyl Isothiocyanate (PEITC) Inhibits the Growth of Human Oral Squamous Carcinoma HSC-3 Cells through xml:ns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>G</mml:mi></mml:mrow><mml:msub><mml:mrow><mml:mi>1</mml:mi></mml:mrow></mml:msub></mml:math>	1.2	29
117	Cucurbitacin E Induces G <sub>2</sub> /M Phase Arrest through STAT3/p53/p21 Signaling and Provokes Apoptosis via Fas/CD95 and Mitochondria-Dependent Pathways in Human Bladder Cancer T24 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	1.2	47
118	<i>Solanum lyratum</i> Extracts Induce Extrinsic and Intrinsic Pathways of Apoptosis in WEHI-3 Murine Leukemia Cells and Inhibit Allograft Tumor. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-13.	1.2	26
119	Triggering Apoptotic Death of Human Malignant Melanoma A375.S2 Cells by Bufalin: Involvement of Caspase Cascade-Dependent and Independent Mitochondrial Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	1.2	38
120	Safrole-modulated immune response is mediated through enhancing the CD11b surface marker and stimulating the phagocytosis by macrophages in BALB/c mice. <i>Human and Experimental Toxicology</i> , 2012, 31, 898-904.	2.2	5
121	An Extract of <i>Agaricus blazei</i> Murill Administered Orally Promotes Immune Responses in Murine Leukemia BALB/c Mice In Vivo. <i>Integrative Cancer Therapies</i> , 2012, 11, 29-36.	2.0	19
122	Gypenosides Suppress Growth of Human Oral Cancer SAS Cells In Vitro and in a Murine Xenograft Model. <i>Integrative Cancer Therapies</i> , 2012, 11, 129-140.	2.0	30
123	Capsaicin mediates apoptosis in human nasopharyngeal carcinoma NPC-TW 039 cells through mitochondrial depolarization and endoplasmic reticulum stress. <i>Human and Experimental Toxicology</i> , 2012, 31, 539-549.	2.2	60
124	Bufalin increases sensitivity to AKT/mTOR-induced autophagic cell death in SK-HEP-1 human hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1431-1442.	3.3	75
125	AKT serine/threonine protein kinase modulates bufalin-triggered intrinsic pathway of apoptosis in CAL 27 human oral cancer cells. <i>International Journal of Oncology</i> , 2012, 41, 1683-1692.	3.3	32
126	Norcantharidin triggers cell death and DNA damage through S-phase arrest and ROS-modulated apoptotic pathways in TSGH 8301 human urinary bladder carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1050-1060.	3.3	37



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127	Antitumor effects of the novel quinazolinone MJ-33: Inhibition of metastasis through the MAPK, AKT, NF- $\kappa$ B and AP-1 signaling pathways in DU145 human prostate cancer cells. <i>International Journal of Oncology</i> , 2012, 41, 1513-1519.	3.3	34
128	Induction of DNA damage by deguelin is mediated through reducing DNA repair genes in human non-small cell lung cancer NCI-H460 cells. <i>Oncology Reports</i> , 2012, 27, 959-964.	2.6	36
129	Diallyl trisulfide induces apoptosis in human primary colorectal cancer cells. <i>Oncology Reports</i> , 2012, 28, 949-954.	2.6	42
130	The newly synthesized 2-(3-hydroxy-5-methoxyphenyl)-6,7-methylenedioxyquinolin-4-one triggers cell apoptosis through induction of oxidative stress and upregulation of the p38 MAPK signaling pathway in HL-60 human leukemia cells. <i>Oncology Reports</i> , 2012, 28, 1482-1490.	2.6	9
131	Apoptosis triggered by vitexin in U937 human leukemia cells via a mitochondrial signaling pathway. <i>Oncology Reports</i> , 2012, 28, 1883-1888.	2.6	53
132	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. <i>Oncology Reports</i> , 2012, 28, 1799-1807.	2.6	50
133	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. <i>International Journal of Oncology</i> , 2012, 41, 2065-2072.	3.3	54
134	Apigenin Induces Apoptosis through Mitochondrial Dysfunction in U-2 OS Human Osteosarcoma Cells and Inhibits Osteosarcoma Xenograft Tumor Growth in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11395-11402.	5.2	45
135	In Vitro Suppression of Growth of Murine WEHI-3 Leukemia Cells and in Vivo Promotion of Phagocytosis in a Leukemia Mice Model by Indole-3-carbinol. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7634-7643.	5.2	16
136	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. <i>Food and Chemical Toxicology</i> , 2012, 50, 1271-1278.	3.6	106
137	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. <i>Food and Chemical Toxicology</i> , 2012, 50, 1734-1740.	3.6	108
138	Glycyrrhizic acid induces apoptosis in WEHI-3 mouse leukemia cells through the caspase- and mitochondria-dependent pathways. <i>Oncology Reports</i> , 2012, 28, 2069-2076.	2.6	37
139	Benzyl Isothiocyanate (BITC) Induces G <sub>2</sub> /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. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 665-675.	5.2	100
140	Novel Quinazolinone MJ-29 Triggers Endoplasmic Reticulum Stress and Intrinsic Apoptosis in Murine Leukemia WEHI-3 Cells and Inhibits Leukemic Mice. <i>PLoS ONE</i> , 2012, 7, e36831.	2.5	58
141	Capsaicin induces apoptosis in SCC-4 human tongue cancer cells through mitochondria-dependent and -independent pathways. <i>Environmental Toxicology</i> , 2012, 27, 332-341.	4.0	23
142	Arsenic trioxide (As <sub>2</sub> O <sub>3</sub> ) inhibits murine WEHI-3 leukemia in BALB/c mice <i>in vivo</i> . <i>Environmental Toxicology</i> , 2012, 27, 364-371.	4.0	5
143	Safrole induces cell death in human tongue squamous cancer SCC-4 cells through mitochondria-dependent caspase activation cascade apoptotic signaling pathways. <i>Environmental Toxicology</i> , 2012, 27, 433-444.	4.0	22
144	Rutin inhibits human leukemia tumor growth in a murine xenograft model <i>in vivo</i> . <i>Environmental Toxicology</i> , 2012, 27, 480-484.	4.0	103

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145	Development of fibroblast culture in three-dimensional activated carbon fiber-based scaffold for wound healing. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1465-1478.	3.6	33
146	Danthron Triggers ROS and Mitochondria-Mediated Apoptotic Death in C6 Rat Glioma Cells Through Caspase Cascades, Apoptosis-Inducing Factor and Endonuclease G Multiple Signaling. <i>Neurochemical Research</i> , 2012, 37, 1790-1800.	3.3	16
147	Chrysophanol-induced necrotic-like cell death through an impaired mitochondrial ATP synthesis in Hep3B human liver cancer cells. <i>Archives of Pharmacal Research</i> , 2012, 35, 887-895.	6.3	33
148	Bee venom induces apoptosis through intracellular $Ca^{2+}$ -modulated intrinsic death pathway in human bladder cancer cells. <i>International Journal of Urology</i> , 2012, 19, 61-70.	1.0	50
149	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. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 732, 26-33.	1.0	54
150	Diallyl sulfide, diallyl disulfide and diallyl trisulfide affect drug resistant gene expression in colo 205 human colon cancer cells in vitro and in vivo. <i>Phytomedicine</i> , 2012, 19, 625-630.	5.3	63
151	Crystal structures of murine norovirus-1 RNA-dependent RNA polymerase in complex with 2-thiouridine or ribavirin. <i>Virology</i> , 2012, 426, 143-151.	2.4	43
152	Safrole induces G0/G1 phase arrest via inhibition of cyclin E and provokes apoptosis through endoplasmic reticulum stress and mitochondrion-dependent pathways in human leukemia HL-60 cells. <i>Anticancer Research</i> , 2012, 32, 1671-9.	1.1	16
153	Inhibition of invasion and migration by newly synthesized quinazolinone MJ-29 in human oral cancer CAL 27 cells through suppression of MMP-2/9 expression and combined down-regulation of MAPK and AKT signaling. <i>Anticancer Research</i> , 2012, 32, 2895-903.	1.1	16
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164	Cantharidin induces G2/M phase arrest and apoptosis in human colorectal cancer colo 205 cells through inhibition of CDK1 activity and caspase-dependent signaling pathways. <i>International Journal of Oncology</i> , 2011, 38, 1067-73.	3.3	68
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