

# Jing-Gung Chung

## List of Publications by Year in descending order

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184  
papers

6,047  
citations

76322

40  
h-index

114455

63  
g-index

189  
all docs

189  
docs citations

189  
times ranked

6651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gallic Acid Induces Apoptosis via Caspase-3 and Mitochondrion-Dependent Pathways in Vitro and Suppresses Lung Xenograft Tumor Growth in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7596-7604.	5.2	188
2	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. <i>Chemical Research in Toxicology</i> , 2011, 24, 20-29.	3.3	170
3	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 967-976.	3.3	164
4	Curcumin induces apoptosis in human non-small cell lung cancer NCI-H460 cells through ER stress and caspase cascade- and mitochondria-dependent pathways. <i>Anticancer Research</i> , 2010, 30, 2125-33.	1.1	162
5	Kaempferol induced apoptosis via endoplasmic reticulum stress and mitochondria-dependent pathway in human osteosarcoma U2 OS cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1585-1595.	3.3	147
6	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. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2935-2942.	5.2	141
7	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
8	Benzyl isothiocyanate (BITC) and phenethyl isothiocyanate (PEITC)-mediated generation of reactive oxygen species causes cell cycle arrest and induces apoptosis via activation of caspase-3, mitochondria dysfunction and nitric oxide (NO) in human osteogenic sarcoma U2 OS cells. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1199-1209.	2.3	100
9	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
10	Allicin Induces Anti-human Liver Cancer Cells through the p53 Gene Modulating Apoptosis and Autophagy. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9839-9848.	5.2	99
11	Allicin Induces p53-Mediated Autophagy in Hep G2 Human Liver Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8363-8371.	5.2	97
12	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
13	Tetramethylpyrazine reverses high-glucose induced hypoxic effects by negatively regulating HIF-1 $\alpha$ -induced BNIP3 expression to ameliorate H9c2 cardiomyoblast apoptosis. <i>Nutrition and Metabolism</i> , 2020, 17, 12.	3.0	88
14	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
15	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 477-488.	2.5	84
16	Gypenosides induced G <sub>0</sub> /G <sub>1</sub> arrest via Chk2 and apoptosis through endoplasmic reticulum stress and mitochondria-dependent pathways in human tongue cancer SCC-4 cells. <i>Oral Oncology</i> , 2009, 45, 273-283.	1.5	82
17	Soya-cerebroside reduces IL-1 $\beta$ -induced MMP-1 production in chondrocytes and inhibits cartilage degradation: implications for the treatment of osteoarthritis. <i>Food and Agricultural Immunology</i> , 2019, 30, 620-632.	1.4	79
18	Bufoalin 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

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19	Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , 2019, 30, 1033-1045.	1.4	72
20	The roles of endoplasmic reticulum stress and mitochondrial apoptotic signaling pathway in quercetin-mediated cell death of human prostate cancer PCa cells. <i>Environmental Toxicology</i> , 2014, 29, 428-439.	4.0	70
21	Quercetin induced cell apoptosis and altered gene expression in AGS human gastric cancer cells. <i>Environmental Toxicology</i> , 2018, 33, 1168-1181.	4.0	68
22	Butein Inhibits the Migration and Invasion of SK-HEP-1 Human Hepatocarcinoma Cells through Suppressing the ERK, JNK, p38, and uPA Signaling Multiple Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9032-9038.	5.2	58
23	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
24	Bufalin inhibits migration and invasion in human hepatocellular carcinoma SK-Hep1 cells through the inhibitions of NF- $\kappa$ B and matrix metalloproteinase-2/-9-signaling pathways. <i>Environmental Toxicology</i> , 2015, 30, 74-82.	4.0	57
25	Genistein induces apoptosis in vitro and has antitumor activity against human leukemia HL60 cancer cell xenograft growth in vivo. <i>Environmental Toxicology</i> , 2019, 34, 443-456.	4.0	56
26	<i>Physalis angulata</i> induced G2/M phase arrest in human breast cancer cells. <i>Food and Chemical Toxicology</i> , 2006, 44, 974-983.	3.6	54
27	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
28	Benzyl isothiocyanate (BITC) inhibits migration and invasion of human gastric cancer AGS cells via suppressing ERK signal pathways. <i>Human and Experimental Toxicology</i> , 2011, 30, 296-306.	2.2	53
29	Triptolide induced cell death through apoptosis and autophagy in murine leukemia WEHI cells <i>in vitro</i> and promoting immune responses in WEHI generated leukemia mice <i>in vivo</i> . <i>Environmental Toxicology</i> , 2017, 32, 550-568.	4.0	52
30	Diallyl trisulfide inhibits migration, invasion and angiogenesis of human colon cancer HT29 cells and umbilical vein endothelial cells, and suppresses murine xenograft tumour growth. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 474-484.	3.6	51
31	Bee venom induces apoptosis through intracellular Ca <sup>2+</sup> -modulated intrinsic death pathway in human bladder cancer cells. <i>International Journal of Urology</i> , 2012, 19, 61-70.	1.0	50
32	Diallyl disulfide inhibits WEHI-3 leukemia cells in vivo. <i>Anticancer Research</i> , 2006, 26, 219-25.	1.1	50
33	PEITC induces apoptosis of Human Brain Glioblastoma GBM8401 Cells through the extrinsic- and intrinsic -signaling pathways. <i>Neurochemistry International</i> , 2015, 81, 32-40.	3.8	47
34	Sulforaphane Induces Cell Death Through G2/M Phase Arrest and Triggers Apoptosis in HCT 116 Human Colon Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 1289-1310.	3.8	46
35	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
36	Ursolic acid induces apoptosis and autophagy in oral cancer cells. <i>Environmental Toxicology</i> , 2019, 34, 983-991.	4.0	45

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37	Newly synthesized quinazolinone HMJ-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
38	Deguelin Inhibits the Migration and Invasion of U-2 OS Human Osteosarcoma Cells via the Inhibition of Matrix Metalloproteinase-2/-9 in Vitro. <i>Molecules</i> , 2014, 19, 16588-16608.	3.8	43
39	Cantharidin induces apoptosis of H460 human lung cancer cells through mitochondria-dependent pathways. <i>International Journal of Oncology</i> , 2014, 45, 245-254.	3.3	43
40	Curcuminoids Induce Reactive Oxygen Species and Autophagy to Enhance Apoptosis in Human Oral Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1145-1168.	3.8	43
41	Diallyl trisulfide induces apoptosis in human primary colorectal cancer cells. <i>Oncology Reports</i> , 2012, 28, 949-954.	2.6	42
42	Ellagic acid induces apoptosis in tsg18301 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
43	Bufalin Induces Apoptosis of Human Osteosarcoma U-2 OS Cells through Endoplasmic Reticulum Stress, Caspase- and Mitochondria-Dependent Signaling Pathways. <i>Molecules</i> , 2017, 22, 437.	3.8	41
44	Bufalin induces apoptosis <i>in vitro</i> and has Antitumor activity against human lung cancer xenografts <i>in vivo</i> . <i>Environmental Toxicology</i> , 2017, 32, 1305-1317.	4.0	40
45	Kaempferol Induces DNA Damage and Inhibits DNA Repair Associated Protein Expressions in Human Promyelocytic Leukemia HL-60 Cells. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 365-382.	3.8	39
46	Combinational treatment of all-trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC) induced apoptosis in liver cancer Hep3B cells. <i>Journal of Food Biochemistry</i> , 2020, 44, e13122.	2.9	39
47	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
48	Tetrandrine induces programmed cell death in human oral cancer CAL 27 cells through the reactive oxygen species production and caspase-dependent pathways and associated with beclin-1-induced cell autophagy. <i>Environmental Toxicology</i> , 2017, 32, 329-343.	4.0	38
49	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
50	Regorefenib induces extrinsic/intrinsic apoptosis and inhibits MAPK/NF- $\kappa$ B modulated tumor progression in bladder cancer <i>in vitro</i> and <i>in vivo</i> . <i>Environmental Toxicology</i> , 2019, 34, 679-688.	4.0	37
51	Casticin impairs cell migration and invasion of mouse melanoma B16F10 cells <i>in vitro</i> via PI3K/AKT and NF- $\kappa$ B signaling pathways. <i>Environmental Toxicology</i> , 2017, 32, 2097-2112.	4.0	36
52	Ouabain Induces Apoptotic Cell Death Through Caspase- and Mitochondria-dependent Pathways in Human Osteosarcoma U-2 OS Cells. <i>Anticancer Research</i> , 2018, 38, 169-178.	1.1	36
53	<i>Ganoderma lucidum</i> Extracts Inhibited Leukemia WEHI-3 Cells in BALB/c Mice and Promoted an Immune Response <i>In Vivo</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2589-2594.	1.3	35
54	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

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55	Gefitinib and curcumin-loaded nanoparticles enhance cell apoptosis in human oral cancer SAS cells in vitro and inhibit SAS cell xenografted tumor in vivo. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114734.	2.8	35
56	Cantharidin Impairs Cell Migration and Invasion of Human Lung Cancer NCI-H460 Cells via UPA and MAPK Signaling Pathways. <i>Anticancer Research</i> , 2016, 36, 5989-5998.	1.1	34
57	Danthron Induces DNA Damage and Inhibits DNA Repair Gene Expressions in GBM 8401 Human Brain Glioblastoma Multiforms Cells. <i>Neurochemical Research</i> , 2010, 35, 1105-1110.	3.3	33
58	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
59	Tetrandrine induces apoptosis Via caspase-8, -9, and -3 and poly (ADP ribose) polymerase dependent pathways and autophagy through beclin-1/ LC3-I, II signaling pathways in human oral cancer HSC-3 cells. <i>Environmental Toxicology</i> , 2016, 31, 395-406.	4.0	33
60	18 $\beta$ -Glycyrrhetic Acid Induces Apoptosis of HL-60 Human Leukemia Cells through Caspases- and Mitochondria-Dependent Signaling Pathways. <i>Molecules</i> , 2016, 21, 872.	3.8	32
61	Apoptosis induction and AKT/NF- $\kappa$ B inactivation are associated with regorafenib-inhibited tumor progression in non-small cell lung cancer in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 109032.	5.6	31
62	Curcumin-Induced Apoptosis in Human Hepatocellular Carcinoma J5 Cells: Critical Role of $Ca^{2+}$ Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-7.	1.2	30
63	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
64	The crude extract of <i>Corni Fructus</i> inhibits the migration and invasion of U-2 OS human osteosarcoma cells through the inhibition of matrix metalloproteinase-2/-9 by MAPK signaling. <i>Environmental Toxicology</i> , 2015, 30, 53-63.	4.0	30
65	Bisdemethoxycurcumin-induced S phase arrest through the inhibition of cyclin A and E and induction of apoptosis via endoplasmic reticulum stress and mitochondria-dependent pathways in human lung cancer NCI H460 cells. <i>Environmental Toxicology</i> , 2016, 31, 1899-1908.	4.0	30
66	Amentoflavone Effectively Blocked the Tumor Progression of Glioblastoma via Suppression of ERK/NF- $\kappa$ B Signaling Pathway. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 913-931.	3.8	30
67	Bufalin Induces Apoptotic Cell Death in Human Nasopharyngeal Carcinoma Cells through Mitochondrial ROS and TRAIL Pathways. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 237-257.	3.8	30
68	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
69	PEITC inhibits human brain glioblastoma GBM 8401 cell migration and invasion through the inhibition of uPA, Rho A, and Ras with inhibition of MMP-2, -7 and -9 gene expression. <i>Oncology Reports</i> , 2015, 34, 2489-2496.	2.6	29
70	Bioactive compounds from crocodile ( <i>Crocodylus siamensis</i> ) white blood cells induced apoptotic cell death in hela cells. <i>Environmental Toxicology</i> , 2016, 31, 986-997.	4.0	29
71	Phenethyl Isothiocyanate Inhibits In Vivo Growth of Xenograft Tumors of Human Glioblastoma Cells. <i>Molecules</i> , 2018, 23, 2305.	3.8	29
72	Berberine Inhibits Human Melanoma A375.S2 Cell Migration and Invasion via Affecting the FAK, uPA, and NF- $\kappa$ B Signaling Pathways and Inhibits PLX4032 Resistant A375.S2 Cell Migration In Vitro. <i>Molecules</i> , 2018, 23, 2019.	3.8	29

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73	Ursolic Acid Induces Apoptotic Cell Death Through AIF and Endo G Release Through a Mitochondria-dependent Pathway in NCI-H292 Human Lung Cancer Cells <i>In Vivo</i> , 2019, 33, 383-391.	1.3	29
74	Curcumin inhibits human lung large cell carcinoma cancer tumour growth in a murine xenograft model. <i>Phytotherapy Research</i> , 2010, 24, 189-192.	5.8	28
75	Demethoxycurcumin induces the apoptosis of human lung cancer NCI-H460 cells through the mitochondrial-dependent pathway. <i>Oncology Reports</i> , 2015, 33, 2429-2437.	2.6	28
76	The cationic cell-penetrating KT2 peptide promotes cell membrane defects and apoptosis with autophagy inhibition in human HCT 116 colon cancer cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 22116-22129.	4.1	28
77	Induction of apoptosis by curcumin in murine myelomonocytic leukemia WEHI-231 cells is mediated via endoplasmic reticulum stress and mitochondria-dependent pathways. <i>Environmental Toxicology</i> , 2013, 28, 255-266.	4.0	27
78	Bufalin Induces Cell Death in Human Lung Cancer Cells through Disruption of DNA Damage Response Pathways. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 729-742.	3.8	27
79	Bufalin Inhibits NCI-H460 Human Lung Cancer Cell Metastasis <i>In Vitro</i> by Inhibiting MAPKs, MMPs, and NF- $\kappa$ B Pathways. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1247-1264.	3.8	27
80	Ethanol extract of <i>Hedyotis diffusa</i> will upregulates G0/G1 phase arrest and induces apoptosis in human leukemia cells by modulating caspase cascade signaling and altering associated genes expression was assayed by cDNA microarray. <i>Environmental Toxicology</i> , 2015, 30, 1162-1177.	4.0	26
81	Phenethyl Isothiocyanate (PEITC) and Benzyl Isothiocyanate (BITC) Inhibit Human Melanoma A375.S2 Cell Migration and Invasion by Affecting MAPK Signaling Pathway <i>In Vitro</i> . <i>Anticancer Research</i> , 2017, 37, 6223-6234.	1.1	26
82	Diallyl sulfide induces cell cycle arrest and apoptosis in HeLa human cervical cancer cells through the p53, caspase- and mitochondria-dependent pathways. <i>International Journal of Oncology</i> , 2011, 38, 1605-13.	3.3	25
83	Benzyl isothiocyanate alters the gene expression with cell cycle regulation and cell death in human brain glioblastoma GBM 8401 cells. <i>Oncology Reports</i> , 2016, 35, 2089-2096.	2.6	25
84	Bufalin inhibits gefitinib resistant NCI-H460 human lung cancer cell migration and invasion in vitro. <i>Journal of Ethnopharmacology</i> , 2016, 194, 1043-1050.	4.1	25
85	Anthocyanins from black rice ( <i>Oryza sativa</i> ) promote immune responses in leukemia through enhancing phagocytosis of macrophages in vivo. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 59-64.	1.8	25
86	Deguelin Impairs Cell Adhesion, Migration and Invasion of Human Lung Cancer Cells through the NF- $\kappa$ B Signaling Pathways. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 209-229.	3.8	25
87	Chrysin inhibit human melanoma A375.S2 cell migration and invasion via affecting MAPK signaling and NF- $\kappa$ B signaling pathway in vitro. <i>Environmental Toxicology</i> , 2019, 34, 434-442.	4.0	25
88	Sulforaphane-induced apoptosis in human leukemia H460 cells through extrinsic and intrinsic signal pathways and altering associated genes expression assayed by cDNA microarray. <i>Environmental Toxicology</i> , 2017, 32, 311-328.	4.0	24
89	Antitumor effects of deguelin on H460 human lung cancer cells <i>in vitro</i> and <i>in vivo</i> : Roles of apoptotic cell death and H460 tumor xenografts model. <i>Environmental Toxicology</i> , 2017, 32, 84-98.	4.0	24
90	The ethanol extraction of prepared <i>Psoralea corylifolia</i> induces apoptosis and autophagy and alters genes expression assayed by cDNA microarray in human prostate cancer PC-3 cells. <i>Environmental Toxicology</i> , 2018, 33, 770-788.	4.0	24



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91	Apoptosis induction and ERK/NF- $\kappa$ B inactivation are associated with magnolololâ€inhibited tumor progression in hepatocellular carcinoma <i>in vivo</i>. <i>Environmental Toxicology</i> , 2020, 35, 167-175.	4.0	24
92	Diallyl sulfide inhibits murine WEHI-3 leukemia cells in BALB/c mice in vitro and in vivo. <i>Human and Experimental Toxicology</i> , 2009, 28, 785-790.	2.2	23
93	Tetrandrine Induces Apoptosis of Human Nasopharyngeal Carcinoma NPC-TW 076 Cells through Reactive Oxygen Species Accompanied by an Endoplasmic Reticulum Stress Signaling Pathway. <i>Molecules</i> , 2016, 21, 1353.	3.8	23
94	Benzyl isothiocyanate (BITC) induces apoptosis of GBM 8401 human brain glioblastoma multiforms cells via activation of caspase-8/Bid and the reactive oxygen species-dependent mitochondrial pathway. <i>Environmental Toxicology</i> , 2016, 31, 1751-1760.	4.0	23
95	Anticancer effects of cantharidin in A431 human skin cancer (Epidermoid carcinoma) cells in vitro and in vivo. <i>Environmental Toxicology</i> , 2017, 32, 723-738.	4.0	23
96	Casticin impairs cell growth and induces cell apoptosis via cell cycle arrest in human oral cancer <sc>SCC</sc>â€4 cells. <i>Environmental Toxicology</i> , 2018, 33, 127-141.	4.0	23
97	Lupeol suppresses migration and invasion <i>via</i> p38/MAPK and PI3K/Akt signaling pathways in human osteosarcoma U-2 OS cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 1729-1739.	1.3	23
98	Fisetin Induces Apoptosis of HSC3 Human Oral Cancer Cells Through Endoplasmic Reticulum Stress and Dysfunction of Mitochondria-mediated Signaling Pathways. <i>In Vivo</i> , 2017, 31, 1103-1114.	1.3	23
99	Cantharidin impairs cell migration and invasion of A375.S2 human melanoma cells by suppressing MMP-2 and -9 through PI3K/NF- $\kappa$ B signaling pathways. <i>Anticancer Research</i> , 2015, 35, 729-38.	1.1	23
100	Safrole induces cell death in human tongue squamous cancer SCCâ€4 cells through mitochondriaâ€dependent caspase activation cascade apoptotic signaling pathways. <i>Environmental Toxicology</i> , 2012, 27, 433-444.	4.0	22
101	Cantharidin induces DNA damage and inhibits DNA repair-associated protein levels in NCI-H460 human lung cancer cells. <i>Environmental Toxicology</i> , 2015, 30, 1135-1143.	4.0	22
102	Cardamonin Induces Cell Cycle Arrest, Apoptosis and Alters Apoptosis Associated Gene Expression in WEHI-3 Mouse Leukemia Cells. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 635-656.	3.8	22
103	Chloroform Extract of Solanum lyratum Induced G0/G1 Arrest via p21/p16 and Induced Apoptosis via Reactive Oxygen Species, Caspases and Mitochondrial Pathways in Human Oral Cancer Cell Lines. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1453-1469.	3.8	21
104	Bufalin induced apoptosis in SCC-4 human tongue cancer cells by decreasing Bcl-2 and increasing Bax expression via the mitochondria-dependent pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 7959-7966.	2.4	21
105	Ouabain induces apoptotic cell death in human prostate DU 145 cancer cells through DNA damage and TRAIL pathways. <i>Environmental Toxicology</i> , 2019, 34, 1329-1339.	4.0	21
106	Extract of Hedyotis diffusa Willd influences murine leukemia WEHI-3 cells in vivo as well as promoting T- and B-cell proliferation in leukemic mice. <i>In Vivo</i> , 2011, 25, 633-40.	1.3	21
107	Casticin Inhibits A375.S2 Human Melanoma Cell Migration/Invasion through Downregulating NF- $\kappa$ B and Matrix Metalloproteinase-2 and -1. <i>Molecules</i> , 2016, 21, 384.	3.8	20
108	Benzyl isothiocyanate inhibits human brain glioblastoma multiforme GBM 8401 cell xenograft tumor in nude mice in vivo. <i>Environmental Toxicology</i> , 2018, 33, 1097-1104.	4.0	20

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109	Fisetin Inhibits Cell Proliferation through the Induction of G <sub>0</sub> /G <sub>1</sub> Phase Arrest and Caspase-3-Mediated Apoptosis in Mouse Leukemia Cells. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 841-863.	3.8	20
110	Phenethyl isothiocyanate promotes immune responses in normal BALB/c mice, inhibits murine leukemia WEHI-231 cells, and stimulates immunomodulations <i>in vivo</i> . <i>Environmental Toxicology</i> , 2013, 28, 127-136.	4.0	19
111	Tetrandrine inhibits human brain glioblastoma multiforme GBM 8401 cancer cell migration and invasion <i>in vitro</i> . <i>Environmental Toxicology</i> , 2019, 34, 364-374.	4.0	19
112	Latex of <i>Euphorbia Antiquorum</i> Induces Apoptosis in Human Cervical Cancer Cells via c-Jun N-terminal Kinase Activation and Reactive Oxygen Species Production. <i>Nutrition and Cancer</i> , 2011, 63, 1339-1347.	2.0	18
113	Bufalin Alters Gene Expressions Associated DNA Damage, Cell Cycle, and Apoptosis in Human Lung Cancer NCI-H460 Cells <i>In Vitro</i> . <i>Molecules</i> , 2014, 19, 6047-6057.	3.8	18
114	Crude extract of <i>Rheum palmatum</i> L induced cell death in LS1034 human colon cancer cells acts through the caspase-dependent and -independent pathways. <i>Environmental Toxicology</i> , 2014, 29, 969-980.	4.0	18
115	Effects of diallyl trisulfide on induction of apoptotic death in murine leukemia WEHI-231 cells <i>in vitro</i> and alterations of the immune responses in normal and leukemic mice <i>in vivo</i> . <i>Environmental Toxicology</i> , 2015, 30, 1343-1353.	4.0	18
116	Casticin Induced Apoptosis in A375.S2 Human Melanoma Cells through the Inhibition of NF- $\kappa$ B and Mitochondria-Dependent Pathways <i>In Vitro</i> and Inhibited Human Melanoma Xenografts in a Mouse Model <i>In Vivo</i> . <i>The American Journal of Chinese Medicine</i> , 2016, 44, 637-661.	3.8	18
117	Casticin induces DNA damage and inhibits DNA repair-associated protein expression in B16F10 mouse melanoma cancer cells. <i>Oncology Reports</i> , 2016, 36, 2094-2100.	2.6	18
118	Alpha-phellandrene-induced apoptosis in mice leukemia WEHI-231 cells <i>in vitro</i> . <i>Environmental Toxicology</i> , 2016, 31, 1640-1651.	4.0	18
119	Benzyl isothiocyanate and phenethyl isothiocyanate inhibit murine melanoma B16F10 cell migration and invasion <i>in vitro</i> . <i>International Journal of Oncology</i> , 2017, 51, 832-840.	3.3	18
120	Ouabain impairs cell migration, and invasion and alters gene expression of human osteosarcoma UOS cells. <i>Environmental Toxicology</i> , 2017, 32, 2400-2413.	4.0	18
121	Etomidate Suppresses Invasion and Migration of Human A549 Lung Adenocarcinoma Cells. <i>Anticancer Research</i> , 2019, 39, 215-223.	1.1	18
122	Glycyrrhizic Acid Modulates Apoptosis through Extrinsic/Intrinsic Pathways and Inhibits Protein Kinase B- and Extracellular Signal-Regulated Kinase-Mediated Metastatic Potential in Hepatocellular Carcinoma <i>In Vitro</i> and <i>In Vivo</i> . <i>The American Journal of Chinese Medicine</i> , 2020, 48, 223-244.	3.8	18
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128	Fisetin Suppresses Human Osteosarcoma U-2 OS Cell Migration and Invasion via Affecting FAK, uPA and NF- $\kappa$ B Signaling Pathway In Vitro. <i>In Vivo</i> , 2019, 33, 801-810.	1.3	16
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136	Latex of <i>Euphorbia antiquorum</i> induced S-phase arrest via active ATM kinase and MAPK pathways in human cervical cancer HeLa cells. <i>Environmental Toxicology</i> , 2015, 30, 1205-1215.	4.0	14
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