

# Jing-Gung Chung

## List of Publications by Citations

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182  
papers

4,668  
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35  
h-index

56  
g-index

189  
ext. papers

5,288  
ext. citations

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5.41  
L-index

#	Paper	IF	Citations
182	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> , <b>2009</b> , 57, 7596-604	5.7	167
181	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> , <b>2011</b> , 24, 20-9	4	154
180	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> , <b>2010</b> , 30, 2125-33	2.3	153
179	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> , <b>2010</b> , 54, 967-76	5.9	146
178	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> , <b>2010</b> , 58, 2935-42	5.7	124
177	Kaempferol induced apoptosis via endoplasmic reticulum stress and mitochondria-dependent pathway in human osteosarcoma U-2 OS cells. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 1585-95	5.9	114
176	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> , <b>2012</b> , 50, 1271-8	4.7	96
175	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 U-2 OS cells. <i>Journal of Cellular Biochemistry</i> , <b>2011</b> , 99, 1129-39	3.8	89
174	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. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 1115-25	5.7	85
173	Allixin induces p53-mediated autophagy in Hep G2 human liver cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 8363-71	5.7	81
172	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> , <b>2010</b> , 334, 477-88	4.7	81
171	Allixin induces anti-human liver cancer cells through the p53 gene modulating apoptosis and autophagy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 9839-48	5.7	77
170	Gypenosides induced G0/G1 arrest via CHK2 and apoptosis through endoplasmic reticulum stress and mitochondria-dependent pathways in human tongue cancer SCC-4 cells. <i>Oral Oncology</i> , <b>2009</b> , 45, 273-83	4.4	77
169	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> , <b>2013</b> , 33, 1941-50	2.3	74
168	Bufalin increases sensitivity to AKT/mTOR-induced autophagic cell death in SK-HEP-1 human hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , <b>2012</b> , 41, 1431-42	4.4	63
167	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> , <b>2019</b> , 43, e12902	3.3	62
166	The roles of endoplasmic reticulum stress and mitochondrial apoptotic signaling pathway in quercetin-mediated cell death of human prostate cancer PC-3 cells. <i>Environmental Toxicology</i> , <b>2014</b> , 29, 428-39	4.2	54

165	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> , <b>2019</b> , 30, 620-632	2.9	53
164	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> , <b>2012</b> , 7, e36831	3.7	53
163	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> , <b>2011</b> , 59, 9032-8	5.7	52
162	Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1033-1045	2.9	51
161	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> , <b>2015</b> , 30, 74-82	4.2	49
160	Diallyl disulfide inhibits WEHI-3 leukemia cells in vivo. <i>Anticancer Research</i> , <b>2006</b> , 26, 219-25	2.3	46
159	Physalis angulata induced G2/M phase arrest in human breast cancer cells. <i>Food and Chemical Toxicology</i> , <b>2006</b> , 44, 974-83	4.7	45
158	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> , <b>2012</b> , 732, 26-33	3.3	43
157	Diallyl trisulfide inhibits migration, invasion and angiogenesis of human colon cancer HT-29 cells and umbilical vein endothelial cells, and suppresses murine xenograft tumour growth. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 474-84	5.6	42
156	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> , <b>2012</b> , 19, 61-70	2.3	42
155	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> , <b>2013</b> , 269, 150-62	4.6	41
154	Benzyl isothiocyanate (BITC) inhibits migration and invasion of human gastric cancer AGS cells via suppressing ERK signal pathways. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 296-306	3.4	41
153	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> , <b>2014</b> , 19, 16588-608	4.8	40
152	PEITC induces apoptosis of Human Brain Glioblastoma GBM8401 Cells through the extrinsic- and intrinsic -signaling pathways. <i>Neurochemistry International</i> , <b>2015</b> , 81, 32-40	4.4	39
151	Ellagic acid induces apoptosis in TSGH8301 human bladder cancer cells through the endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. <i>Environmental Toxicology</i> , <b>2014</b> , 29, 1262-74	4.2	38
150	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> , <b>2016</b> , 44, 1289-1310	6	37
149	Triptolide induced cell death through apoptosis and autophagy in murine leukemia WEHI-3 cells in vitro and promoting immune responses in WEHI-3 generated leukemia mice in vivo. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 550-568	4.2	36
148	Cantharidin induces apoptosis of H460 human lung cancer cells through mitochondria-dependent pathways. <i>International Journal of Oncology</i> , <b>2014</b> , 45, 245-54	4.4	36

147	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> , <b>2017</b> , 32, 329-343	4.2	35
146	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> , <b>2020</b> , 17, 12	4.6	35
145	Quercetin induced cell apoptosis and altered gene expression in AGS human gastric cancer cells. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 1168-1181	4.2	35
144	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> , <b>2012</b> , 60, 11395-402	5.7	34
143	Genistein induces apoptosis in vitro and has antitumor activity against human leukemia HL-60 cancer cell xenograft growth in vivo. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 443-456	4.2	34
142	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> , <b>2014</b> , 1840, 2310-20	4	32
141	Diallyl trisulfide induces apoptosis in human primary colorectal cancer cells. <i>Oncology Reports</i> , <b>2012</b> , 28, 949-54	3.5	32
140	Bufalin induces apoptosis in vitro and has Antitumor activity against human lung cancer xenografts in vivo. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 1305-1317	4.2	31
139	Ganoderma lucidum extracts inhibited leukemia WEHI-3 cells in BALB/c mice and promoted an immune response in vivo. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2009</b> , 73, 2589-94	2.1	31
138	Triptolide induced DNA damage in A375.S2 human malignant melanoma cells is mediated via reduction of DNA repair genes. <i>Oncology Reports</i> , <b>2013</b> , 29, 613-8	3.5	30
137	Chrysophanol-induced necrotic-like cell death through an impaired mitochondrial ATP synthesis in Hep3B human liver cancer cells. <i>Archives of Pharmacal Research</i> , <b>2012</b> , 35, 887-95	6.1	29
136	Gypenosides suppress growth of human oral cancer SAS cells in vitro and in a murine xenograft model: the role of apoptosis mediated by caspase-dependent and caspase-independent pathways. <i>Integrative Cancer Therapies</i> , <b>2012</b> , 11, 129-40	3	29
135	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> , <b>2012</b> , 2012, 591241	2.3	28
134	Danthron induces DNA damage and inhibits DNA repair gene expressions in GBM 8401 human brain glioblastoma multiforms cells. <i>Neurochemical Research</i> , <b>2010</b> , 35, 1105-10	4.6	28
133	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> , <b>2015</b> , 43, 365-82	6	27
132	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> , <b>2016</b> , 31, 395-406	4.2	27
131	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> , <b>2015</b> , 34, 2489-96	3.5	27
130	Ursolic acid induces apoptosis and autophagy in oral cancer cells. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 983-991	4.2	26

129	Curcuminoids Induce Reactive Oxygen Species and Autophagy to Enhance Apoptosis in Human Oral Cancer Cells. <i>The American Journal of Chinese Medicine</i> , <b>2018</b> , 46, 1145-1168	6	26
128	Bufalin Induces Apoptosis of Human Osteosarcoma U-2 OS Cells through Endoplasmic Reticulum Stress, Caspase- and Mitochondria-Dependent Signaling Pathways. <i>Molecules</i> , <b>2017</b> , 22,	4.8	26
127	Bufalin induces cell death in human lung cancer cells through disruption of DNA damage response pathways. <i>The American Journal of Chinese Medicine</i> , <b>2014</b> , 42, 729-42	6	26
126	Curcumin-induced apoptosis in human hepatocellular carcinoma j5 cells: critical role of ca(+2)-dependent pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 512907 <sup>2-3</sup>		26
125	18EGlycyrrhetic Acid Induces Apoptosis of HL-60 Human Leukemia Cells through Caspases- and Mitochondria-Dependent Signaling Pathways. <i>Molecules</i> , <b>2016</b> , 21,	4.8	26
124	Activations of Both Extrinsic and Intrinsic Pathways in HCT 116 Human Colorectal Cancer Cells Contribute to Apoptosis through p53-Mediated ATM/Fas Signaling by Emilia sonchifolia Extract, a Folklore Medicinal Plant. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 178178	2.3	25
123	Bioactive compounds from crocodile ( <i>Crocodylus siamensis</i> ) white blood cells induced apoptotic cell death in hela cells. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 986-97	4.2	24
122	Casticin impairs cell migration and invasion of mouse melanoma B16F10 cells via PI3K/AKT and NF- $\kappa$ B signaling pathways. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 2097-2112	4.2	24
121	The crude extract of Corni Fructus 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> , <b>2015</b> , 30, 53-63	4.2	24
120	Curcumin inhibits human lung large cell carcinoma cancer tumour growth in a murine xenograft model. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 189-92	6.7	24
119	Ethanol extract of <i>Hedyotis diffusa</i> willd 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> , <b>2015</b> , 30, 1162-77	4.2	23
118	Demethoxycurcumin induces the apoptosis of human lung cancer NCI-H460 cells through the mitochondrial-dependent pathway. <i>Oncology Reports</i> , <b>2015</b> , 33, 2429-37	3.5	23
117	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> , <b>2018</b> , 46, 209-229 <sup>6</sup>		22
116	Phenethyl Isothiocyanate (PEITC) and Benzyl Isothiocyanate (BITC) Inhibit Human Melanoma A375.S2 Cell Migration and Invasion by Affecting MAPK Signaling Pathway. <i>Anticancer Research</i> , <b>2017</b> , 37, 6223-6234	2.3	22
115	Ouabain Induces Apoptotic Cell Death Through Caspase- and Mitochondria-dependent Pathways in Human Osteosarcoma U-2 OS Cells. <i>Anticancer Research</i> , <b>2018</b> , 38, 169-178	2.3	22
114	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> , <b>2016</b> , 31, 1899-1908	4.2	22
113	Anticancer effects of cantharidin in A431 human skin cancer (Epidermoid carcinoma) cells in vitro and in vivo. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 723-738	4.2	21
112	Antitumor effects of deguelin on H460 human lung cancer cells in vitro and in vivo: Roles of apoptotic cell death and H460 tumor xenografts model. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 84-98	4.2	21

111	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> , <b>2019</b> , 47, 913-931	6	21
110	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> , <b>2019</b> , 116, 109032	7.5	21
109	Induction of apoptosis by curcumin in murine myelomonocytic leukemia WEHI-3 cells is mediated via endoplasmic reticulum stress and mitochondria-dependent pathways. <i>Environmental Toxicology</i> , <b>2013</b> , 28, 255-66	4.2	21
108	Diallyl sulfide inhibits murine WEHI-3 leukemia cells in BALB/c mice in vitro and in vivo. <i>Human and Experimental Toxicology</i> , <b>2009</b> , 28, 785-90	3.4	21
107	Cantharidin Impairs Cell Migration and Invasion of Human Lung Cancer NCI-H460 Cells via UPA and MAPK Signaling Pathways. <i>Anticancer Research</i> , <b>2016</b> , 36, 5989-5997	2.3	21
106	Benzyl isothiocyanate alters the gene expression with cell cycle regulation and cell death in human brain glioblastoma GBM 8401 cells. <i>Oncology Reports</i> , <b>2016</b> , 35, 2089-96	3.5	21
105	Regorefenib induces extrinsic/intrinsic apoptosis and inhibits MAPK/NF- $\kappa$ B-modulated tumor progression in bladder cancer in vitro and in vivo. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 679-688	4.2	20
104	Bufalin Inhibits NCI-H460 Human Lung Cancer Cell Metastasis In Vitro by Inhibiting MAPKs, MMPs, and NF- $\kappa$ B Pathways. <i>The American Journal of Chinese Medicine</i> , <b>2015</b> , 43, 1247-64	6	20
103	Anthocyanins from black rice () promote immune responses in leukemia through enhancing phagocytosis of macrophages. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 14, 59-64	2.1	20
102	Bufalin Induces Apoptotic Cell Death in Human Nasopharyngeal Carcinoma Cells through Mitochondrial ROS and TRAIL Pathways. <i>The American Journal of Chinese Medicine</i> , <b>2019</b> , 47, 237-257	6	20
101	Extract of <i>Hedyotis diffusa</i> 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> , <b>2011</b> , 25, 633-40	2.3	20
100	Sulforaphane-induced apoptosis in human leukemia HL-60 cells through extrinsic and intrinsic signal pathways and altering associated genes expression assayed by cDNA microarray. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 311-328	4.2	19
99	Bufalin inhibits gefitinib resistant NCI-H460 human lung cancer cell migration and invasion in vitro. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 194, 1043-1050	5	19
98	Cantharidin induces DNA damage and inhibits DNA repair-associated protein levels in NCI-H460 human lung cancer cells. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1135-43	4.2	19
97	Combinational treatment of all-trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC)-induced apoptosis in liver cancer Hep3B cells. <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13122	3.3	19
96	Casticin Inhibits A375.S2 Human Melanoma Cell Migration/Invasion through Downregulating NF- $\kappa$ B and Matrix Metalloproteinase-2 and -1. <i>Molecules</i> , <b>2016</b> , 21, 384	4.8	19
95	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> , <b>2019</b> , 33, 383-391	2.3	18
94	Casticin impairs cell growth and induces cell apoptosis via cell cycle arrest in human oral cancer SCC-4 cells. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 127-141	4.2	18

93	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> , <b>2012</b> , 27, 433-44	4.2	18
92	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> , <b>2017</b> , 16, 7959-7968	2.9	17
91	The ethanol extraction of prepared Psoralea corylifolia induces apoptosis and autophagy and alters genes expression assayed by cDNA microarray in human prostate cancer PC-3 cells. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 770-788	4.2	17
90	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> , <b>2018</b> , 23,	4.8	17
89	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> , <b>2011</b> , 38, 1605-13	4.4	17
88	Fisetin Induces Apoptosis of HSC3 Human Oral Cancer Cells Through Endoplasmic Reticulum Stress and Dysfunction of Mitochondria-mediated Signaling Pathways. <i>In Vivo</i> , <b>2017</b> , 31, 1103-1114	2.3	17
87	Involvement of matrix metalloproteinases in the inhibition of cell invasion and migration through the inhibition of NF- $\kappa$ B by the new synthesized ethyl 2-[N-p-chlorobenzyl-(2S-methyl)]anilino-4-oxo-4,5-dihydrofuran-3-carboxylate (JOTO1007) in human cervical cancer Ca ski cells. <i>In Vivo</i> , <b>2009</b> , 23, 613-9	2.3	17
86	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> , <b>2015</b> , 35, 729-38	2.3	17
85	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> , <b>2016</b> , 31, 1751-1760	4.2	16
84	Effects of diallyl trisulfide on induction of apoptotic death in murine leukemia WEHI-3 cells in vitro and alterations of the immune responses in normal and leukemic mice in vivo. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1343-53	4.2	16
83	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> , <b>2016</b> , 21,	4.8	16
82	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> , <b>2019</b> , 234, 22176-22179	1.5	15
81	Crude extract of Rheum palmatum L induced cell death in LS1034 human colon cancer cells acts through the caspase-dependent and -independent pathways. <i>Environmental Toxicology</i> , <b>2014</b> , 29, 969-80	4.2	15
80	Phenethyl isothiocyanate promotes immune responses in normal BALB/c mice, inhibits murine leukemia WEHI-3 cells, and stimulates immunomodulations in vivo. <i>Environmental Toxicology</i> , <b>2013</b> , 28, 127-36	4.2	15
79	Ouabain impairs cell migration, and invasion and alters gene expression of human osteosarcoma U-2 OS cells. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 2400-2413	4.2	15
78	Bufalin alters gene expressions associated DNA damage, cell cycle, and apoptosis in human lung cancer NCI-H460 cells in vitro. <i>Molecules</i> , <b>2014</b> , 19, 6047-57	4.8	15
77	Latex of Euphorbia antiquorum induces apoptosis in human cervical cancer cells via c-jun n-terminal kinase activation and reactive oxygen species production. <i>Nutrition and Cancer</i> , <b>2011</b> , 63, 1339-47	2.8	15
76	Casticin Induced Apoptosis in A375.S2 Human Melanoma Cells through the Inhibition of NF- $\kappa$ B and Mitochondria-Dependent Pathways In Vitro and Inhibited Human Melanoma Xenografts in a Mouse Model In Vivo. <i>The American Journal of Chinese Medicine</i> , <b>2016</b> , 44, 637-64	6	15

75	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> , <b>2012</b> , 32, 1671-9	2.3	15
74	Lupeol suppresses migration and invasion p38/MAPK and PI3K/Akt signaling pathways in human osteosarcoma U-2 OS cells. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2019</b> , 83, 1729-1739	2.1	14
73	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> , <b>2019</b> , 47, 635-656	6	14
72	Alpha-phellandrene-induced apoptosis in mice leukemia WEHI-3 cells in vitro. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1640-1651	4.2	14
71	Benzyl isothiocyanate and phenethyl isothiocyanate inhibit murine melanoma B16F10 cell migration and invasion in vitro. <i>International Journal of Oncology</i> , <b>2017</b> , 51, 832-840	4.4	14
70	Apoptosis induction and ERK/NF- $\kappa$ B inactivation are associated with magnolol-inhibited tumor progression in hepatocellular carcinoma in vivo. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 167-175	4.2	14
69	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> , <b>2019</b> , 34, 434-442	4.2	14
68	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> , <b>2015</b> , 43, 1453-69	6	13
67	Dietary effect of Antrodia Camphorate extracts on immune responses in WEHI-3 leukemia BALB/c mice. <i>Nutrition and Cancer</i> , <b>2010</b> , 62, 593-600	2.8	13
66	Phenethyl Isothiocyanate Inhibits In Vivo Growth of Xenograft Tumors of Human Glioblastoma Cells. <i>Molecules</i> , <b>2018</b> , 23,	4.8	13
65	Cantharidin induces DNA damage and inhibits DNA repair-associated protein expressions in TSGH8301 human bladder cancer cell. <i>Anticancer Research</i> , <b>2015</b> , 35, 795-804	2.3	13
64	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> , <b>2019</b> , 382, 114734	4.6	12
63	Casticin induced apoptotic cell death and altered associated gene expression in human colon cancer colo 205 cells. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 2041-2052	4.2	12
62	Benzyl isothiocyanate inhibits human brain glioblastoma multiforme GBM 8401 cell xenograft tumor in nude mice in vivo. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 1097-1104	4.2	12
61	Curcuminoids combined with gefitinib mediated apoptosis and autophagy of human oral cancer SAS cells in vitro and reduced tumor of SAS cell xenograft mice in vivo. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 821	4.2	11
60	Casticin induces DNA damage and inhibits DNA repair-associated protein expression in B16F10 mouse melanoma cancer cells. <i>Oncology Reports</i> , <b>2016</b> , 36, 2094-100	3.5	11
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57	Etomidate Suppresses Invasion and Migration of Human A549 Lung Adenocarcinoma Cells. <i>Anticancer Research</i> , <b>2019</b> , 39, 215-223	2.3	11
56	Tetrandrine inhibits human brain glioblastoma multiforme GBM 8401 cancer cell migration and invasion in vitro. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 364-374	4.2	11
55	Tetrandrine suppresses adhesion, migration and invasion of human colon cancer SW620 cells via inhibition of nuclear factor- $\kappa$ B, matrix metalloproteinase-2 and matrix metalloproteinase-9 signaling pathways. <i>Oncology Letters</i> , <b>2018</b> , 15, 7716-7724	2.6	11
54	Alpha-phellandrene, a natural active monoterpene, influences a murine WEHI-3 leukemia model in vivo by enhancing macrophage phagocytosis and natural killer cell activity. <i>In Vivo</i> , <b>2014</b> , 28, 583-8	2.3	11
53	Phenethyl isothiocyanate alters the gene expression and the levels of protein associated with cell cycle regulation in human glioblastoma GBM 8401 cells. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 176-187	4.2	10
52	Casticin Induces DNA Damage and Affects DNA Repair Associated Protein Expression in Human Lung Cancer A549 Cells (Running Title: Casticin Induces DNA Damage in Lung Cancer Cells). <i>Molecules</i> , <b>2020</b> , 25,	4.8	10
51	Ouabain induces apoptotic cell death in human prostate DU 145 cancer cells through DNA damage and TRAIL pathways. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 1329-1339	4.2	10
50	Latex of Euphorbia antiquorum-induced S-phase arrest via active ATM kinase and MAPK pathways in human cervical cancer HeLa cells. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1205-15	4.2	10
49	Ouabain promotes immune responses in WEHI-3 cells to generate leukemia mice through enhancing phagocytosis and natural killer cell activities in vivo. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 659-665	4.2	10
48	Phenethyl isothiocyanate inhibits in vivo growth of subcutaneous xenograft tumors of human malignant melanoma A375.S2 cells. <i>In Vivo</i> , <b>2014</b> , 28, 891-4	2.3	10
47	Fistein Suppresses Human Osteosarcoma U-2 OS Cell Migration and Invasion Affecting FAK, uPA and NF- $\kappa$ B Signaling Pathway. <i>In Vivo</i> , <b>2019</b> , 33, 801-810	2.3	9
46	Triggering apoptotic death of human epidermal keratinocytes by malic Acid: involvement of endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. <i>Toxins</i> , <b>2015</b> , 7, 81-96	4.9	9
45	Glycyrrhizic Acid Modulates Apoptosis through Extrinsic/Intrinsic Pathways and Inhibits Protein Kinase B- and Extracellular Signal-Regulated Kinase-Mediated Metastatic Potential in Hepatocellular Carcinoma and. <i>The American Journal of Chinese Medicine</i> , <b>2020</b> , 48, 223-244	6	9
44	Crude extract of Rheum palmatum L. Induces cell cycle arrest S phase and apoptosis through mitochondrial-dependent pathways in U-2 OS human osteosarcoma cells. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 957-69	4.2	9
43	Laminarin Promotes Immune Responses and Normalizes Glutamic Oxaloacetic Transaminase and Glutamic Pyruvic Transaminase Levels in Leukemic Mice. <i>In Vivo</i> , <b>2018</b> , 32, 783-790	2.3	9
42	Alpha-phellandrene-induced DNA damage and affect DNA repair protein expression in WEHI-3 murine leukemia cells in vitro. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1322-30	4.2	9
41	Phenethyl Isothiocyanate Induces Apoptotic Cell Death Through the Mitochondria-dependent Pathway in Gefitinib-resistant NCI-H460 Human Lung Cancer Cells. <i>Anticancer Research</i> , <b>2018</b> , 38, 2137-2147	2.3	9
40	Casticin Promotes Immune Responses, Enhances Macrophage and NK Cell Activities, and Increases Survival Rates of Leukemia BALB/c Mice. <i>The American Journal of Chinese Medicine</i> , <b>2019</b> , 47, 223-236	6	9

39	Fisetin Inhibits Cell Proliferation through the Induction of G/G Phase Arrest and Caspase-3-Mediated Apoptosis in Mouse Leukemia Cells. <i>The American Journal of Chinese Medicine</i> , <b>2019</b> , 47, 841-863	6	8
38	Casticin Induces DNA Damage and Impairs DNA Repair in Human Bladder Cancer TSGH-8301 Cells. <i>Anticancer Research</i> , <b>2019</b> , 39, 1839-1847	2.3	8
37	Chitosan promotes immune responses, ameliorating total mature white blood cell numbers, but increases glutamic oxaloacetic transaminase and glutamic pyruvic transaminase, and ameliorates lactate dehydrogenase levels in leukemia mice in vivo. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 2483-2490	2.9	8
36	Inhibition of HeLa cells metastasis by bioactive compounds in crocodile ( <i>Crocodylus siamensis</i> ) white blood cells extract. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1329-1336	4.2	8
35	Synergistic inhibition of leukemia WEHI-3 cell growth by arsenic trioxide and Willd extract and. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 13, 3388-3396	2.1	7
34	Crude extract of <i>Polygonum cuspidatum</i> stimulates immune responses in normal mice by increasing the percentage of Mac-3-positive cells and enhancing macrophage phagocytic activity and natural killer cell cytotoxicity. <i>Molecular Medicine Reports</i> , <b>2015</b> , 11, 127-32	2.9	7
33	Imperatorin Interferes with LPS Binding to the TLR4 Co-Receptor and Activates the Nrf2 Antioxidative Pathway in RAW264.7 Murine Macrophage Cells. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	7
32	Ethyl acetate fraction from methanol extraction of <i>Vitis thunbergii</i> var. <i>taiwaniana</i> induced G/G phase arrest via inhibition of cyclins D and E and induction of apoptosis through caspase-dependent and -independent pathways in human prostate carcinoma DU145 cells. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 41-51	4.2	6
31	Combined versus monotherapy or concurrent therapy for treatment of thalassaemia. <i>In Vivo</i> , <b>2014</b> , 28, 645-9	2.3	6
30	Antitumor effects with apoptotic death in human promyelocytic leukemia HL-60 cells and suppression of leukemia xenograft tumor growth by irinotecan HCl. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 803-15	4.2	5
29	Hyperforin induces apoptosis through extrinsic/intrinsic pathways and inhibits EGFR/ERK/NF- $\kappa$ B-mediated anti-apoptotic potential in glioblastoma. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 1058-1069	4.2	5
28	The Radiosensitizing Effect of Magnolol on Tumor Growth of Hepatocellular Carcinoma. <i>In Vivo</i> , <b>2020</b> , 34, 1789-1796	2.3	5
27	4-Hydroxybutenolide impairs cell migration, and invasion of human oral cancer SCC-4 cells via the inhibition of NF- $\kappa$ B and MAPK signaling pathways. <i>International Journal of Oncology</i> , <b>2016</b> , 49, 579-88	4.4	5
26	Chitosan promotes immune responses, ameliorates glutamic oxaloacetic transaminase and glutamic pyruvic transaminase, but enhances lactate dehydrogenase levels in normal mice. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 11, 1300-1306	2.1	5
25	Hyperforin Induces Apoptosis Through Extrinsic/Intrinsic Pathways and Inhibits NF- $\kappa$ B-modulated Survival and Invasion Potential in Bladder Cancer. <i>In Vivo</i> , <b>2019</b> , 33, 1865-1877	2.3	5
24	Laminarin Promotes Immune Responses and Reduces Lactate Dehydrogenase But Increases Glutamic Pyruvic Transaminase in Normal Mice. <i>In Vivo</i> , <b>2018</b> , 32, 523-529	2.3	5
23	Crude extract of <i>Euphorbia formosana</i> induces apoptosis of DU145 human prostate cancer cells acts through the caspase-dependent and independent signaling pathway. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1600-1611	4.2	5
22	Bufalin Enhances Immune Responses in Leukemic Mice Through Enhancing Phagocytosis of Macrophage. <i>In Vivo</i> , <b>2018</b> , 32, 1129-1136	2.3	5

21	Antitumor activity of RT2 peptide derived from crocodile leukocyte peptide on human colon cancer xenografts in nude mice. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 972-977	4.2	4
20	ERK/AKT Inactivation and Apoptosis Induction Associate With Quetiapine-inhibited Cell Survival and Invasion in Hepatocellular Carcinoma Cells. <i>In Vivo</i> , <b>2020</b> , 34, 2407-2417	2.3	4
19	Maslinic Acid Enhances Immune Responses in Leukemic Mice Through Macrophage Phagocytosis and Natural Killer Cell Activities. <i>In Vivo</i> , <b>2019</b> , 33, 65-73	2.3	4
18	Anti-metastatic Effects of Cationic KT2 Peptide (a Lysine/Tryptophan-rich Peptide) on Human Melanoma A375.S2 Cells. <i>In Vivo</i> , <b>2021</b> , 35, 215-227	2.3	4
17	Evaluation of Hirsutella sinensis mycelium on food safety and anti-hepatoma activity in an animal model. <i>In Vivo</i> , <b>2014</b> , 28, 811-7	2.3	4
16	Evaluation of Hirsutella sinensis mycelium for antifatigue effect. <i>In Vivo</i> , <b>2015</b> , 29, 263-7	2.3	4
15	Bisdemethoxycurcumin induces DNA damage and inhibits DNA repair associated protein expressions in NCI-H460 human lung cancer cells. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1859-1868	4.2	3
14	Down-regulation of cyclin B1 expression by berberine promotes leukemia cells entry into G2/M phase of cell cycle. <i>FASEB Journal</i> , <b>2006</b> , 20, A1131	0.9	3
13	Reduces Carbon Tetrachloride-induced Hepatotoxicity In Male Wister Rats. <i>In Vivo</i> , <b>2017</b> , 31, 877-884	2.3	3
12	Pipoxolan suppresses the inflammatory factors of NF- $\kappa$ B, AP-1, and STATs, but activates the antioxidative factor Nrf2 in LPS-stimulated RAW 264.7 murine macrophage cells. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 1352-1363	4.2	3
11	Lauryl Gallate Induces Apoptotic Cell Death through Caspase-dependent Pathway in U87 Human Glioblastoma Cells. <i>In Vivo</i> , <b>2018</b> , 32, 1119-1127	2.3	3
10	Combinational treatment of 5-fluorouracil and casticin induces apoptosis in mouse leukemia WEHI-3 cells in vitro. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 911-921	4.2	2
9	Cardamonin induces immune responses and enhances survival rate in WEHI-3 cell-generated mouse leukemia in vivo. <i>Environmental Toxicology</i> , <b>2020</b> , 35, 457-467	4.2	2
8	Ergosta-7, 9 (11), 22-trien-3 $\beta$ ol Interferes with LPS Docking to LBP, CD14, and TLR4/MD-2 Co-Receptors to Attenuate the NF- $\kappa$ B Inflammatory Pathway and. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
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5	The inhibitory effect and mechanism of quetiapine on tumor progression in hepatocellular carcinoma in vivo. <i>Environmental Toxicology</i> , <b>2022</b> , 37, 92-100	4.2	0
4	Melittin suppresses epithelial-mesenchymal transition and metastasis in human gastric cancer AGS cells via regulating Wnt/BMP associated pathway. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2021</b> , 85, 2250-2262	2.1	0

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