

Jing-Gung Chung

List of Publications by Year in Descending Order

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

182
papers

4,668
citations

35
h-index

56
g-index

189
ext. papers

5,288
ext. citations

3.8
avg, IF

5.41
L-index

#	Paper	IF	Citations
182	The inhibitory effect and mechanism of quetiapine on tumor progression in hepatocellular carcinoma in vivo. <i>Environmental Toxicology</i> , 2022 , 37, 92-100	4.2	0
181	Combination Treatment of Sorafenib and Bufalin Induces Apoptosis in NCI-H292 Human Lung Cancer Cells .. <i>In Vivo</i> , 2022 , 36, 582-595	2.3	
180	DNA damage and NF- κ B inactivation implicate glycyrrhizic acid-induced G phase arrest in hepatocellular carcinoma cells.. <i>Journal of Food Biochemistry</i> , 2022 , e14128	3.3	
179	Ergosta-7, 9 (11), 22-trien-3 β l Interferes with LPS Docking to LBP, CD14, and TLR4/MD-2 Co-Receptors to Attenuate the NF- κ B Inflammatory Pathway and. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
178	Genistein enhances the effects of L-asparaginase on inducing cell apoptosis in human leukemia cancer HL-60 cells. <i>Environmental Toxicology</i> , 2021 , 36, 764-772	4.2	1
177	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> , 2021 , 10,	7.1	7
176	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> , 2021 , 85, 2250-2262	2.1	0
175	Ergosta-7,9(11),22-trien-3 β l Attenuates Inflammatory Responses via Inhibiting MAPK/AP-1 Induced IL-6/JAK/STAT Pathways and Activating Nrf2/HO-1 Signaling in LPS-Stimulated Macrophage-like Cells. <i>Antioxidants</i> , 2021 , 10,	7.1	1
174	Anti-metastatic Effects of Cationic KT2 Peptide (a Lysine/Tryptophan-rich Peptide) on Human Melanoma A375.S2 Cells. <i>In Vivo</i> , 2021 , 35, 215-227	2.3	4
173	Hyperforin induces apoptosis through extrinsic/intrinsic pathways and inhibits EGFR/ERK/NF- κ B-mediated anti-apoptotic potential in glioblastoma. <i>Environmental Toxicology</i> , 2020 , 35, 1058-1069	4.2	5
172	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> , 2020 , 48, 223-244	6	9
171	The Radiosensitizing Effect of Magnolol on Tumor Growth of Hepatocellular Carcinoma. <i>In Vivo</i> , 2020 , 34, 1789-1796	2.3	5
170	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> , 2020 , 25,	4.8	10
169	Tetramethylpyrazine reverses high-glucose induced hypoxic effects by negatively regulating HIF-1 α induced BNIP3 expression to ameliorate H9c2 cardiomyoblast apoptosis. <i>Nutrition and Metabolism</i> , 2020 , 17, 12	4.6	35
168	Combinational treatment of 5-fluorouracil and casticin induces apoptosis in mouse leukemia WEHI-3 cells in vitro. <i>Environmental Toxicology</i> , 2020 , 35, 911-921	4.2	2
167	Apoptosis induction and ERK/NF- κ B inactivation are associated with magnolol-inhibited tumor progression in hepatocellular carcinoma in vivo. <i>Environmental Toxicology</i> , 2020 , 35, 167-175	4.2	14
166	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	3.3	19

165	Cardamonin induces immune responses and enhances survival rate in WEHI-3 cell-generated mouse leukemia in vivo. <i>Environmental Toxicology</i> , 2020 , 35, 457-467	4.2	2
164	Pipoxolan suppresses the inflammatory factors of NF- κ B, AP-1, and STATs, but activates the antioxidative factor Nrf2 in LPS-stimulated RAW 264.7 murine macrophage cells. <i>Environmental Toxicology</i> , 2020 , 35, 1352-1363	4.2	3
163	ERK/AKT Inactivation and Apoptosis Induction Associate With Quetiapine-inhibited Cell Survival and Invasion in Hepatocellular Carcinoma Cells. <i>In Vivo</i> , 2020 , 34, 2407-2417	2.3	4
162	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	4.6	12
161	Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1033-1045	2.9	51
160	Amentoflavone Effectively Blocked the Tumor Progression of Glioblastoma via Suppression of ERK/NF- κ B Signaling Pathway. <i>The American Journal of Chinese Medicine</i> , 2019 , 47, 913-931	6	21
159	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> , 2019 , 47, 841-863	6	8
158	Apoptosis induction and AKT/NF- κ 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	7.5	21
157	Ursolic acid induces apoptosis and autophagy in oral cancer cells. <i>Environmental Toxicology</i> , 2019 , 34, 983-991	4.2	26
156	Casticin inhibits human prostate cancer DU 145 cell migration and invasion via Ras/Akt/NF- κ B signaling pathways. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12902	3.3	62
155	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, 22176-22189	7.6	15
154	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> , 2019 , 83, 1729-1739	2.1	14
153	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	6	14
152	Fistein Suppresses Human Osteosarcoma U-2 OS Cell Migration and Invasion Affecting FAK, uPA and NF- κ B Signaling Pathway. <i>In Vivo</i> , 2019 , 33, 801-810	2.3	9
151	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	2.3	18
150	Casticin Induces DNA Damage and Impairs DNA Repair in Human Bladder Cancer TSGH-8301 Cells. <i>Anticancer Research</i> , 2019 , 39, 1839-1847	2.3	8
149	Regorefenib induces extrinsic/intrinsic apoptosis and inhibits MAPK/NF- κ B-modulated tumor progression in bladder cancer in vitro and in vivo. <i>Environmental Toxicology</i> , 2019 , 34, 679-688	4.2	20
148	Soya-cerebroside reduces IL-1 β -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	2.9	53

147	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	4.2	10
146	Hyperforin Induces Apoptosis Through Extrinsic/Intrinsic Pathways and Inhibits NF- κ -modulated Survival and Invasion Potential in Bladder Cancer. <i>In Vivo</i> , 2019 , 33, 1865-1877	2.3	5
145	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> , 2019 , 34, 659-663	4.2	10
144	Chrysin inhibit human melanoma A375.S2 cell migration and invasion via affecting MAPK signaling and NF- κ signaling pathway in vitro. <i>Environmental Toxicology</i> , 2019 , 34, 434-442	4.2	14
143	Maslinic Acid Enhances Immune Responses in Leukemic Mice Through Macrophage Phagocytosis and Natural Killer Cell Activities. <i>In Vivo</i> , 2019 , 33, 65-73	2.3	4
142	Etomidate Suppresses Invasion and Migration of Human A549 Lung Adenocarcinoma Cells. <i>Anticancer Research</i> , 2019 , 39, 215-223	2.3	11
141	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> , 2019 , 47, 223-236	6	9
140	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	6	20
139	Genistein induces apoptosis in vitro and has antitumor activity against human leukemia HL-60 cancer cell xenograft growth in vivo. <i>Environmental Toxicology</i> , 2019 , 34, 443-456	4.2	34
138	Tetrandrine inhibits human brain glioblastoma multiforme GBM 8401 cancer cell migration and invasion in vitro. <i>Environmental Toxicology</i> , 2019 , 34, 364-374	4.2	11
137	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	4.2	17
136	Deguelin Impairs Cell Adhesion, Migration and Invasion of Human Lung Cancer Cells through the NF- κ Signaling Pathways. <i>The American Journal of Chinese Medicine</i> , 2018 , 46, 209-229 ⁶		22
135	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> , 2018 , 33, 821	4.2	11
134	Casticin impairs cell growth and induces cell apoptosis via cell cycle arrest in human oral cancer SCC-4 cells. <i>Environmental Toxicology</i> , 2018 , 33, 127-141	4.2	18
133	Ethyl acetate fraction from methanol extraction of <i>Vitis thunbergii</i> var. <i>taiwaniana</i> induced G ₀ /G ₁ 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> , 2018 , 33, 41-51	4.2	6
132	Laminarin Promotes Immune Responses and Normalizes Glutamic Oxaloacetic Transaminase and Glutamic Pyruvic Transaminase Levels in Leukemic Mice. <i>In Vivo</i> , 2018 , 32, 783-790	2.3	9
131	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	6	26
130	Antitumor activity of RT2 peptide derived from crocodile leukocyte peptide on human colon cancer xenografts in nude mice. <i>Environmental Toxicology</i> , 2018 , 33, 972-977	4.2	4

129	Berberine Inhibits Human Melanoma A375.S2 Cell Migration and Invasion via Affecting the FAK, uPA, and NF- B Signaling Pathways and Inhibits PLX4032 Resistant A375.S2 Cell Migration In Vitro. <i>Molecules</i> , 2018 , 23,	4.8	17
128	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	2.3	22
127	Phenethyl Isothiocyanate Induces Apoptotic Cell Death Through the Mitochondria-dependent Pathway in Gefitinib-resistant NCI-H460 Human Lung Cancer Cells. <i>Anticancer Research</i> , 2018 , 38, 2137-2147	2.3	9
126	Laminarin Promotes Immune Responses and Reduces Lactate Dehydrogenase But Increases Glutamic Pyruvic Transaminase in Normal Mice. <i>In Vivo</i> , 2018 , 32, 523-529	2.3	5
125	Phenethyl Isothiocyanate Inhibits In Vivo Growth of Xenograft Tumors of Human Glioblastoma Cells. <i>Molecules</i> , 2018 , 23,	4.8	13
124	Lauryl Gallate Induces Apoptotic Cell Death through Caspase-dependent Pathway in U87 Human Glioblastoma Cells. <i>In Vivo</i> , 2018 , 32, 1119-1127	2.3	3
123	Bufalin Enhances Immune Responses in Leukemic Mice Through Enhancing Phagocytosis of Macrophage. <i>In Vivo</i> , 2018 , 32, 1129-1136	2.3	5
122	Quercetin induced cell apoptosis and altered gene expression in AGS human gastric cancer cells. <i>Environmental Toxicology</i> , 2018 , 33, 1168-1181	4.2	35
121	Tetrandrine suppresses adhesion, migration and invasion of human colon cancer SW620 cells via inhibition of nuclear factor- B , matrix metalloproteinase-2 and matrix metalloproteinase-9 signaling pathways. <i>Oncology Letters</i> , 2018 , 15, 7716-7724	2.6	11
120	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	4.2	12
119	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> , 2017 , 32, 176-187	4.2	10
118	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	4.2	21
117	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> , 2017 , 32, 311-328	4.2	19
116	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	4.2	35
115	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> , 2017 , 32, 550-568	4.2	36
114	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> , 2017 , 32, 84-98	4.2	21
113	Casticin impairs cell migration and invasion of mouse melanoma B16F10 cells via PI3K/AKT and NF- B signaling pathways. <i>Environmental Toxicology</i> , 2017 , 32, 2097-2112	4.2	24
112	Synergistic inhibition of leukemia WEHI-3 cell growth by arsenic trioxide and Willd extract and. <i>Experimental and Therapeutic Medicine</i> , 2017 , 13, 3388-3396	2.1	7

111	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, 7959-7968	2.9	17
110	Benzyl isothiocyanate and phenethyl isothiocyanate inhibit murine melanoma B16F10 cell migration and invasion in vitro. <i>International Journal of Oncology</i> , 2017 , 51, 832-840	4.4	14
109	Ouabain impairs cell migration, and invasion and alters gene expression of human osteosarcoma U-2 OS cells. <i>Environmental Toxicology</i> , 2017 , 32, 2400-2413	4.2	15
108	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> , 2017 , 16, 2483-2490	2.9	8
107	Anthocyanins from black rice () promote immune responses in leukemia through enhancing phagocytosis of macrophages. <i>Experimental and Therapeutic Medicine</i> , 2017 , 14, 59-64	2.1	20
106	Casticin induced apoptotic cell death and altered associated gene expression in human colon cancer colo 205 cells. <i>Environmental Toxicology</i> , 2017 , 32, 2041-2052	4.2	12
105	Bufalin induces apoptosis in vitro and has Antitumor activity against human lung cancer xenografts in vivo. <i>Environmental Toxicology</i> , 2017 , 32, 1305-1317	4.2	31
104	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,	4.8	26
103	Tetrandrine Induces Apoptosis in Human Nasopharyngeal Carcinoma NPC-TW 039 Cells by Endoplasmic Reticulum Stress and Ca/Calpain Pathways. <i>Anticancer Research</i> , 2017 , 37, 6107-6118	2.3	11
102	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> , 2017 , 37, 6223-6234	2.3	22
101	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	2.3	17
100	Reduces Carbon Tetrachloride-induced Hepatotoxicity In Male Wister Rats. <i>In Vivo</i> , 2017 , 31, 877-884	2.3	3
99	Bioactive compounds from crocodile (<i>Crocodylus siamensis</i>) white blood cells induced apoptotic cell death in hela cells. <i>Environmental Toxicology</i> , 2016 , 31, 986-97	4.2	24
98	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	4.2	27
97	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	6	37
96	Casticin induces DNA damage and inhibits DNA repair-associated protein expression in B16F10 mouse melanoma cancer cells. <i>Oncology Reports</i> , 2016 , 36, 2094-100	3.5	11
95	Bufalin inhibits gefitinib resistant NCI-H460 human lung cancer cell migration and invasion in vitro. <i>Journal of Ethnopharmacology</i> , 2016 , 194, 1043-1050	5	19
94	4-Hydroxybutenolide impairs cell migration, and invasion of human oral cancer SCC-4 cells via the inhibition of NF-B and MAPK signaling pathways. <i>International Journal of Oncology</i> , 2016 , 49, 579-88	4.4	5

93	Alpha-phellandrene-induced apoptosis in mice leukemia WEHI-3 cells in vitro. <i>Environmental Toxicology</i> , 2016 , 31, 1640-1651	4.2	14
92	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> , 2016 , 11, 1300-1306	2.1	5
91	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	4.2	16
90	Bisdemethoxycurcumin induces DNA damage and inhibits DNA repair associated protein expressions in NCI-H460 human lung cancer cells. <i>Environmental Toxicology</i> , 2016 , 31, 1859-1868	4.2	3
89	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> , 2016 , 31, 957-69	4.2	9
88	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, 5989-5997	2.3	21
87	Casticin Inhibits A375.S2 Human Melanoma Cell Migration/Invasion through Downregulating NF- κ B and Matrix Metalloproteinase-2 and -1. <i>Molecules</i> , 2016 , 21, 384	4.8	19
86	18EGlycyrrhetic Acid Induces Apoptosis of HL-60 Human Leukemia Cells through Caspases- and Mitochondria-Dependent Signaling Pathways. <i>Molecules</i> , 2016 , 21,	4.8	26
85	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,	4.8	16
84	Inhibition of HeLa cells metastasis by bioactive compounds in crocodile (<i>Crocodylus siamensis</i>) white blood cells extract. <i>Environmental Toxicology</i> , 2016 , 31, 1329-1336	4.2	8
83	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	4.2	22
82	Crude extract of Euphorbia formosana induces apoptosis of DU145 human prostate cancer cells acts through the caspase-dependent and independent signaling pathway. <i>Environmental Toxicology</i> , 2016 , 31, 1600-1611	4.2	5
81	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, 2089-96	3.5	21
80	Casticin Induced Apoptosis in A375.S2 Human Melanoma Cells through the Inhibition of NF- κ 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> , 2016 , 44, 637-641	6	15
79	Triggering apoptotic death of human epidermal keratinocytes by malic Acid: involvement of endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. <i>Toxins</i> , 2015 , 7, 81-96	4.9	9
78	PEITC induces apoptosis of Human Brain Glioblastoma GBM8401 Cells through the extrinsic- and intrinsic -signaling pathways. <i>Neurochemistry International</i> , 2015 , 81, 32-40	4.4	39
77	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, 365-82	6	27
76	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, 1453-69	6	13

75	Bufalin Inhibits NCI-H460 Human Lung Cancer Cell Metastasis In Vitro by Inhibiting MAPKs, MMPs, and NF- κ B Pathways. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 1247-64	6	20
74	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> , 2015 , 30, 803-15	4.2	5
73	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> , 2015 , 30, 1162-77	4.2	23
72	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> , 2015 , 19, 474-84	5.6	42
71	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> , 2015 , 11, 127-32	2.9	7
70	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	4.2	24
69	Alpha-phellandrene-induced DNA damage and affect DNA repair protein expression in WEHI-3 murine leukemia cells in vitro. <i>Environmental Toxicology</i> , 2015 , 30, 1322-30	4.2	9
68	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, 1205-15	4.2	10
67	Demethoxycurcumin induces the apoptosis of human lung cancer NCI-H460 cells through the mitochondrial-dependent pathway. <i>Oncology Reports</i> , 2015 , 33, 2429-37	3.5	23
66	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, 2489-96	3.5	27
65	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> , 2015 , 30, 1343-53	4.2	16
64	Bufalin inhibits migration and invasion in human hepatocellular carcinoma SK-Hep1 cells through the inhibitions of NF- κ B and matrix metalloproteinase-2/-9-signaling pathways. <i>Environmental Toxicology</i> , 2015 , 30, 74-82	4.2	49
63	Cantharidin induces DNA damage and inhibits DNA repair-associated protein levels in NCI-H460 human lung cancer cells. <i>Environmental Toxicology</i> , 2015 , 30, 1135-43	4.2	19
62	Cantharidin impairs cell migration and invasion of A375.S2 human melanoma cells by suppressing MMP-2 and -9 through PI3K/NF- κ B signaling pathways. <i>Anticancer Research</i> , 2015 , 35, 729-38	2.3	17
61	Cantharidin induces DNA damage and inhibits DNA repair-associated protein expressions in TSGH8301 human bladder cancer cell. <i>Anticancer Research</i> , 2015 , 35, 795-804	2.3	13
60	Evaluation of <i>Hirsutella sinensis</i> mycelium for antifatigue effect. <i>In Vivo</i> , 2015 , 29, 263-7	2.3	4
59	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, 969-80	4.2	15
58	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, 2310-20	4	32

57	Cantharidin induces apoptosis of H460 human lung cancer cells through mitochondria-dependent pathways. <i>International Journal of Oncology</i> , 2014 , 45, 245-54	4.4	36
56	Ellagic acid induces apoptosis in TSGH8301 human bladder cancer cells through the endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. <i>Environmental Toxicology</i> , 2014 , 29, 1262-74	4.2	38
55	Bufalin alters gene expressions associated DNA damage, cell cycle, and apoptosis in human lung cancer NCI-H460 cells in vitro. <i>Molecules</i> , 2014 , 19, 6047-57	4.8	15
54	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, 729-42	6	26
53	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, 16588-608	4.8	40
52	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> , 2014 , 29, 428-39	4.2	54
51	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> , 2014 , 28, 583-8	2.3	11
50	Combined versus monotherapy or concurrent therapy for treatment of thalassaemia. <i>In Vivo</i> , 2014 , 28, 645-9	2.3	6
49	Evaluation of <i>Hirsutella sinensis</i> mycelium on food safety and anti-hepatoma activity in an animal model. <i>In Vivo</i> , 2014 , 28, 811-7	2.3	4
48	Phenethyl isothiocyanate inhibits in vivo growth of subcutaneous xenograft tumors of human malignant melanoma A375.S2 cells. <i>In Vivo</i> , 2014 , 28, 891-4	2.3	10
47	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> , 2013 , 28, 127-36	4.2	15
46	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> , 2013 , 28, 255-66	4.2	21
45	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, 9839-48	5.7	77
44	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, 613-8	3.5	30
43	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, 150-62	4.6	41
42	Quercetin inhibits migration and invasion of SAS human oral cancer cells through inhibition of NF- κ B and matrix metalloproteinase-2/-9 signaling pathways. <i>Anticancer Research</i> , 2013 , 33, 1941-50	2.3	74
41	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	3.3	43
40	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, 11395-402	5.7	34

39	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, 7634-43	5.7	11
38	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, 1271-8	4.7	96
37	Alliin induces p53-mediated autophagy in Hep G2 human liver cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8363-71	5.7	81
36	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> , 2012 , 60, 665-75	5.7	85
35	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	3.7	53
34	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, 433-44	4.2	18
33	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, 887-95	6.1	29
32	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	2.3	42
31	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> , 2012 , 2012, 178178	2.3	25
30	Curcumin-induced apoptosis in human hepatocellular carcinoma j5 cells: critical role of ca(+2)-dependent pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 512907	2.3	26
29	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, 591241	2.3	28
28	Gyenosides 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> , 2012 , 11, 129-40	3	29
27	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, 1431-42	4.4	63
26	Diallyl trisulfide induces apoptosis in human primary colorectal cancer cells. <i>Oncology Reports</i> , 2012 , 28, 949-54	3.5	32
25	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	2.3	15
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23	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	4.4	17
22	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 Orthopaedic Research</i> , 2011 , 29, 1199-209	3.8	89

21	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, 20-9	4	154
20	Latex of Euphorbia antiqorum 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, 1339-47	2.8	15
19	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	3.4	41
18	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	2.3	20
17	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, 477-88	4.7	81
16	Dietary effect of Antrodia Camphorate extracts on immune responses in WEHI-3 leukemia BALB/c mice. <i>Nutrition and Cancer</i> , 2010 , 62, 593-600	2.8	13
15	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, 2935-42	5.7	124
14	Danthron induces DNA damage and inhibits DNA repair gene expressions in GBM 8401 human brain glioblastoma multiforms cells. <i>Neurochemical Research</i> , 2010 , 35, 1105-10	4.6	28
13	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, 967-76	5.9	146
12	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> , 2010 , 54, 1585-95	5.9	114
11	Curcumin inhibits human lung large cell carcinoma cancer tumour growth in a murine xenograft model. <i>Phytotherapy Research</i> , 2010 , 24, 189-92	6.7	24
10	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	2.3	153
9	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, 785-90	3.4	21
8	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> , 2009 , 45, 273-83	4.4	77
7	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, 7596-604	5.7	167
6	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> , 2009 , 73, 2589-94	2.1	31
5	Involvement of matrix metalloproteinases in the inhibition of cell invasion and migration through the inhibition of NF- κ 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> , 2009 , 23, 613-9	2.3	17
4	Rutin inhibits WEHI-3 leukemia cells in Balb/C mice in vivo. <i>FASEB Journal</i> , 2007 , 21, A1190	0.9	

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2	Down-regulation of cyclin B1 expression by berberine promotes leukemia cells entry into G2/M phase of cell cycle. <i>FASEB Journal</i> , 2006 , 20, A1131	0.9	3
1	Diallyl disulfide inhibits WEHI-3 leukemia cells in vivo. <i>Anticancer Research</i> , 2006 , 26, 219-25	2.3	46