

Chi-Cheng Lu

List of Publications by Year in descending order

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118
papers

4,214
citations

87723

38
h-index

138251

58
g-index

119
all docs

119
docs citations

119
times ranked

6072
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.	2.4	188
2	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.	1.5	164
3	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.	0.5	162
4	Resveratrol-induced autophagy and apoptosis in cisplatin-resistant human oral cancer CAR cells: A key role of AMPK and Akt/mTOR signaling. <i>International Journal of Oncology</i> , 2017, 50, 873-882.	1.4	155
5	Curcumin-loaded nanoparticles induce apoptotic cell death through regulation of the function of MDR1 and reactive oxygen species in cisplatin-resistant CAR human oral cancer cells. <i>International Journal of Oncology</i> , 2013, 43, 1141-1150.	1.4	113
6	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.	1.8	106
7	Quercetin facilitates cell death and chemosensitivity through RAGE/PI3K/AKT/mTOR axis in human pancreatic cancer cells. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 887-896.	0.9	102
8	Berberine induced apoptosis via promoting the expression of caspase-8, -9 and -3, apoptosis-inducing factor and endonuclease G in SCC-4 human tongue squamous carcinoma cancer cells. <i>Anticancer Research</i> , 2009, 29, 4063-70.	0.5	93
9	Rutin inhibits the proliferation of murine leukemia WEHI-3 cells in vivo and promotes immune response in vivo. <i>Leukemia Research</i> , 2009, 33, 823-828.	0.4	90
10	Glycative stress from advanced glycation end products (AGEs) and dicarbonyls: An emerging biological factor in cancer onset and progression. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1850-1864.	1.5	79
11	Gallic acid suppresses the migration and invasion of PC-3 human prostate cancer cells via inhibition of matrix metalloproteinase-2 and -9 signaling pathways. <i>Oncology Reports</i> , 2011, 26, 177-84.	1.2	78
12	Bufalin increases sensitivity to AKT/mTOR-induced autophagic cell death in SK-HEP-1 human hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1431-1442.	1.4	75
13			

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19	Beneficial Effects of Camellia Oil (<i>Camellia oleifera</i> Abel.) on Hepatoprotective and Gastroprotective Activities. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, S100-S102.	0.2	59
20	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.	1.1	58
21	ERK-modulated intrinsic signaling and G2/M phase arrest contribute to the induction of apoptotic death by allyl isothiocyanate in MDA-MB-468 human breast adenocarcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 2065-2072.	1.4	54
22	Quercetin inhibited murine leukemia WEHI-3 cells <i>in vivo</i> and promoted immune response. <i>Phytotherapy Research</i> , 2010, 24, 163-168.	2.8	53
23	Apoptosis triggered by vitexin in U937 human leukemia cells via a mitochondrial signaling pathway. <i>Oncology Reports</i> , 2012, 28, 1883-1888.	1.2	53
24	Epigallocatechin gallate inhibits urate crystals-induced peritoneal inflammation in C57BL/6 mice. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2297-2303.	1.5	51
25	Epigallocatechin gallate sensitizes CAL-27 human oral squamous cell carcinoma cells to the anti-metastatic effects of gefitinib (Iressa) via synergistic suppression of epidermal growth factor receptor and matrix metalloproteinase-2. <i>Oncology Reports</i> , 2012, 28, 1799-1807.	1.2	50
26	Kaempferol inhibits angiogenic ability by targeting VEGF receptor-2 and downregulating the PI3K/AKT, MEK and ERK pathways in VEGF-stimulated human umbilical vein endothelial cells. <i>Oncology Reports</i> , 2018, 39, 2351-2357.	1.2	49
27	Approaches towards fighting the COVID-19 pandemic (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 3-22.	1.8	48
28	Houttuynia cordata Thunb extract induces apoptosis through mitochondrial-dependent pathway in HT-29 human colon adenocarcinoma cells. <i>Oncology Reports</i> , 2009, 22, 1051-6.	1.2	46
29	Allyl isothiocyanate inhibits cell metastasis through suppression of the MAPK pathways in epidermal growth factor-stimulated HT29 human colorectal adenocarcinoma cells. <i>Oncology Reports</i> , 2014, 31, 189-196.	1.2	46
30	Apigenin Induces Apoptosis through Mitochondrial Dysfunction in U-2 OS Human Osteosarcoma Cells and Inhibits Osteosarcoma Xenograft Tumor Growth <i>In Vivo</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11395-11402.	2.4	45
31	Baicalin, Baicalein, and <i>Lactobacillus Rhamnosus</i> JB3 Alleviated <i>Helicobacter pylori</i> Infections <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Food Science</i> , 2018, 83, 3118-3125.	1.5	45
32	Ursolic acid promotes apoptosis, autophagy, and chemosensitivity in gemcitabine-resistant human pancreatic cancer cells. <i>Phytotherapy Research</i> , 2020, 34, 2053-2066.	2.8	45
33	Newly synthesized quinazolinone HMI-38 suppresses angiogenetic responses and triggers human umbilical vein endothelial cell apoptosis through p53-modulated Fas/death receptor signaling. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 150-162.	1.3	44
34	Protective Effects of Catechin against Monosodium Urate-Induced Inflammation through the Modulation of NLRP3 Inflammasome Activation. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7343-7352.	2.4	44
35	Allyl isothiocyanate triggers G2/M phase arrest and apoptosis in human brain malignant glioma GBM 8401 cells through a mitochondria-dependent pathway. <i>Oncology Reports</i> , 2010, 24, 449-55.	1.2	43
36	AMPK-dependent signaling modulates the suppression of invasion and migration by fenofibrate in CAL-27 oral cancer cells through NF- κ B pathway. <i>Environmental Toxicology</i> , 2016, 31, 866-876.	2.1	42

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37	Wogonin triggers apoptosis in human osteosarcoma U-2 OS cells through the endoplasmic reticulum stress, mitochondrial dysfunction and caspase-3-dependent signaling pathways. <i>International Journal of Oncology</i> , 2011, 39, 217-24.	1.4	41
38	Kaempferol induces ATM/p53-mediated death receptor and mitochondrial apoptosis in human umbilical vein endothelial cells. <i>International Journal of Oncology</i> , 2016, 48, 2007-2014.	1.4	41
39	Insulin induction instigates cell proliferation and metastasis in human colorectal cancer cells. <i>International Journal of Oncology</i> , 2017, 50, 736-744.	1.4	41
40	Glycyrrhizin Attenuates the Process of Epithelial-to-Mesenchymal Transition by Modulating HMGB1 Initiated Novel Signaling Pathway in Prostate Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3323-3332.	2.4	41
41	Metformin triggers the intrinsic apoptotic response in human AGS gastric adenocarcinoma cells by activating AMPK and suppressing mTOR/AKT signaling. <i>International Journal of Oncology</i> , 2019, 54, 1271-1281.	1.4	39
42	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.	0.5	38
43	Antioxidative and anti-inflammatory activity of functional foods. <i>Current Opinion in Food Science</i> , 2015, 2, 1-8.	4.1	36
44	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.	1.1	35
45	Gallic acid provokes DNA damage and suppresses DNA repair gene expression in human prostate cancer PCa cells. <i>Environmental Toxicology</i> , 2013, 28, 579-587.	2.1	34
46	Benzyl isothiocyanate (BITC) triggers mitochondria-mediated apoptotic machinery in human		

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55	Ursolic acid triggers nonprogrammed death (necrosis) in human glioblastoma multiforme DBTRG-G429 cells through MPT pore opening and ATP decline. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2146-2156.	1.5	30
56	The synthesized 2-(2-fluorophenyl)-6,7-methylenedioxyquinolin-4-one (CHM-1) promoted G2/M arrest through inhibition of CDK1 and induced apoptosis through the mitochondrial-dependent pathway in CT-26 murine colorectal adenocarcinoma cells. <i>Journal of Gastroenterology</i> , 2009, 44, 1055-1063.	2.3	29
57	Novel quinazoline HMJ-30 induces OS human osteogenic sarcoma cell apoptosis through induction of oxidative stress and up-regulation of ATM/p53 signaling pathway. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1448-1456.	1.2	29
58	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, 1-13.	0.5	29
59	Curcumin inhibits human lung large cell carcinoma cancer tumour growth in a murine xenograft model. <i>Phytotherapy Research</i> , 2010, 24, 189-192.	2.8	28
60	The molecular mechanism of contrast-induced nephropathy (CIN) and its link to in vitro studies on		

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73	Phenethyl isothiocyanate promotes immune responses in normal BALB/c mice, inhibits murine leukemia WEHI-3 cells, and stimulates immunomodulations <i>in vivo</i> . <i>Environmental Toxicology</i> , 2013, 28, 127-136.	2.1	19
74	The Suppressive Effects of Geniposide and Genipin on <i>Helicobacter pylori</i> Infections <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Food Science</i> , 2017, 82, 3021-3028.	1.5	19
75	DJ-1 plays an important role in caffeic acid-mediated protection of the gastrointestinal mucosa against ketoprofen-induced oxidative damage. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1045-1057.	1.9	18
76	Casticin Induced Apoptosis in A375.S2 Human Melanoma Cells through the Inhibition of NF- κ 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.	1.5	18
77	Endoplasmic reticulum stress contributes to arsenic trioxide-induced intrinsic apoptosis in human umbilical and bone marrow mesenchymal stem cells. <i>Environmental Toxicology</i> , 2016, 31, 314-328.	2.1	18
78	(-)-Menthol inhibits WEHI-3 leukemia cells <i>in vitro</i> and <i>in vivo</i> . <i>In Vivo</i> , 2007, 21, 285-9.	0.6	18
79	The synthesized novel fluorinated compound (LJJ-10) induces death receptor- and mitochondria-dependent apoptotic cell death in the human osteogenic sarcoma U-2 OS cells. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2709-2721.	2.6	17
80	Suppressions of Migration and Invasion by Cantharidin in TSGH-8301 Human Bladder Carcinoma Cells through the Inhibitions of Matrix Metalloproteinase-2/-9 Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	17
81	Recent progress in natural dietary non-phenolic bioactives on cancers metastasis. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 940-964.	0.9	16
82	Ursolic acid elicits intrinsic apoptotic machinery by downregulating the phosphorylation of AKT/BAD signaling in human cisplatin-resistant oral cancer CAR cells. <i>Oncology Reports</i> , 2018, 40, 1752-1760.	1.2	16
83	Inhibition of invasion and migration by newly synthesized quinazolinone MJ-29 in human oral cancer CAL 27 cells through suppression of MMP-2/9 expression and combined down-regulation of MAPK and AKT signaling. <i>Anticancer Research</i> , 2012, 32, 2895-903.	0.5	16
84	Dietary Effect of <i>Antrodia Camphorate</i> Extracts on Immune Responses in WEHI-3 Leukemia BALB/c Mice. <i>Nutrition and Cancer</i> , 2010, 62, 593-600.	0.9	14
85	A comparative study of the interaction of <i>Bartonella henselae</i> strains with human endothelial cells. <i>Veterinary Microbiology</i> , 2011, 149, 147-156.	0.8	14
86	Safrole suppresses murine myelomonocytic leukemia WEHI-3 cells <i>in vivo</i> , and stimulates macrophage phagocytosis and natural killer cell cytotoxicity in leukemic mice. <i>Environmental Toxicology</i> , 2013, 28, 601-608.	2.1	14
87	Inhibitory effects of tetrandrine on epidermal growth factor-induced invasion and migration in HT29 human colorectal adenocarcinoma cells. <i>Molecular Medicine Reports</i> , 2016, 13, 1003-1009.	1.1	14
88	Autophagy and apoptotic machinery caused by <i>Polygonum cuspidatum</i> extract in cisplatin-resistant human oral cancer CAR cells. <i>Oncology Reports</i> , 2019, 41, 2549-2557.	1.2	14
89	Dracorhodin perchlorate enhances wound healing via β -catenin, ERK/p38, and AKT signaling in human HaCaT keratinocytes. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 822.	0.8	13
90	Quinazoline analog HMJ-30 inhibits angiogenesis: Involvement of endothelial cell apoptosis through ROS-JNK-mediated death receptor 5 signaling. <i>Oncology Reports</i> , 2014, 32, 597-606.	1.2	12

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91	Class 1 integrons and plasmid-mediated multiple resistance genes of the <i>Campylobacter</i> species from pediatric patient of a university hospital in Taiwan. <i>Gut Pathogens</i> , 2017, 9, 50.	1.6	12
92	Gadolinium chloride elicits apoptosis in human osteosarcoma U-2 OS cells through extrinsic signaling, intrinsic pathway and endoplasmic reticulum stress. <i>Oncology Reports</i> , 2016, 36, 3421-3426.	1.2	11
93	The newly synthesized 2-(3-hydroxy-5-methoxyphenyl)-6,7-methylenedioxyquinolin-4-one triggers cell apoptosis through induction of oxidative stress and upregulation of the p38 MAPK signaling pathway in HL-60 human leukemia cells. <i>Oncology Reports</i> , 2012, 28, 1482-1490.	1.2	9
94	<i>A. cantoniensis</i> inhibits the proliferation of murine leukemia WEHI-3 cells in vivo and promotes immunoresponses in vivo. <i>In Vivo</i> , 2009, 23, 561-6.	0.6	9
95	Gallic acid inhibits murine leukemia WEHI-3 cells in vivo and promotes macrophage phagocytosis. <i>In Vivo</i> , 2009, 23, 409-13.	0.6	8
96	The novel synthesized 6-fluoro-(3-fluorophenyl)-4-(3-methoxyanilino)quinazoline (LJ-10) compound exhibits anti-metastatic effects in human osteosarcoma U-2 OS cells through targeting insulin-like growth factor-I receptor. <i>International Journal of Oncology</i> , 2011, 39, 611-9.	1.4	7
97	Disruption of IGF-1R signaling by a novel quinazoline derivative, HMJ-30, inhibits invasiveness and reverses epithelial-mesenchymal transition in osteosarcoma U-2 OS cells. <i>International Journal of Oncology</i> , 2018, 52, 1465-1478.	1.4	7
98	Caspase-dependent apoptotic death by gadolinium chloride (GdCl ₃) via reactive oxygen species production and MAPK signaling in rat C6 glioma cells. <i>Oncology Reports</i> , 2019, 41, 1324-1332.	1.2	7
99	Hematopoietically expressed homeobox gene is associated with type 2 diabetes in KK Cg-Ay/J mice and a Taiwanese Han Chinese population. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 185-191.	0.8	7
100	Next-generation sequencing analysis reveals that MTH-3, a novel curcuminoid derivative, suppresses the invasion of MDA-MB-231 triple-negative breast adenocarcinoma cells. <i>Oncology Reports</i> , 2021, 46, .	1.2	7
101	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, 803-815.	2.1	6
102	The hepatoprotective activities of <i>Kalimeris indica</i> ethanol extract against liver injury in vivo. <i>Food Science and Nutrition</i> , 2019, 7, 3797-3807.	1.5	6
103	Sport-Specific Functional Tests and Related Sport Injury Risk and Occurrences in Junior Basketball and Soccer Athletes. <i>BioMed Research International</i> , 2020, 2020, 1-8.	0.9	6
104	CCY-1a-E2 induces G2/M phase arrest and apoptotic cell death in HL-60 leukemia cells through cyclin-dependent kinase 1 signaling and the mitochondria-dependent caspase pathway. <i>Oncology Reports</i> , 2016, 36, 1633-1639.	1.2	5
105	Carboxamide analog ITR-284 evokes apoptosis and inhibits migration ability in human lung adenocarcinoma A549 cells. <i>Oncology Reports</i> , 2017, 37, 1786-1792.	1.2	5
106	Diallyl sulfide attenuates transforming growth factor- β -stimulated pulmonary fibrosis through Nrf2 activation in lung MRC-5 fibroblast. <i>Journal of Functional Foods</i> , 2017, 28, 314-320.	1.6	5
107	Late onset of biliopleural fistula following percutaneous transhepatic biliary drainage: a case report.		

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109	Acute Effects of Nicotine on Physiological Responses and Sport Performance in Healthy Baseball Players. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 515.	1.2	4
110	Effect of DNA damage response by quinazolinone analogue HMJ-38 on human umbilical vein endothelial cells. <i>Human and Experimental Toxicology</i> , 2014, 33, 590-601.	1.1	3
111	2-Phenyl-4-quinolone (YT-1) induces G2/M phase arrest and an intrinsic apoptotic mechanism in human leukemia cells. <i>Oncology Reports</i> , 2018, 39, 1331-1337.	1.2	3
112	Back cover: Phytochemicals enhance antioxidant enzyme expression to protect against NSAID-induced oxidative damage of the gastrointestinal mucosa. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1770064.	1.5	2
113	ITR-284 modulates cell differentiation in human chronic myelogenous leukemia K562 cells. <i>Oncology Reports</i> , 2018, 39, 383-391.	1.2	2
114	cDNA Microarray Analysis and Influx Transporter OATP1B1 in Liver Cells After Exposure to Gadoxetate Disodium, a Gadolinium-based Contrast Agent in MRI Liver Imaging. <i>In Vivo</i> , 2018, 32, 677-684.	0.6	2
115	<i>In Vitro</i> Toxicological Assessment of Gadodiamide in Normal Brain SVG P12 Cells. <i>In Vivo</i> , 2021, 35, 2621-2630.	0.6	1
116	Effect of Quercetin on Injury to Indomethacin-Treated Human Embryonic Kidney 293 Cells. <i>Life</i> , 2021, 11, 1134.	1.1	1
117	In Silico Target Analysis of Treatment for COVID-19 Using Huang-Lian-Shang-Qing-Wan, a Traditional Chinese Medicine Formula. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110308.	0.2	0
118	Ethanol Extract of <i>Tripterygium wilfordii</i> Hook. f. Induces G0/G1 Phase Arrest and Apoptosis in Human Leukemia HL-60 Cells Through c-myc and Mitochondria-Dependent Caspase Signaling Pathways. , 0, , .		0