

# Po-Yuan Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,101  
citations

430874  
18  
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395702  
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all docs

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docs citations

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times ranked

1791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genistein enhances the effects of L-asparaginase on inducing cell apoptosis in human leukemia cancer <sc>HL</sc>-60 cells. Environmental Toxicology, 2021, 36, 764-772.	4.0	4
2	Demethoxycurcumin Suppresses Human Brain Glioblastoma Multiforme GBM 8401 Cell Xenograft Tumor in Nude Mice In Vivo. International Journal of Molecular Sciences, 2021, 22, 5503.	4.1	0
3	Tetrandrine inhibits cell migration and invasion in human nasopharyngeal carcinoma NPC-TW 039 cells through inhibiting MAPK and RhoA signaling pathways. Journal of Food Biochemistry, 2020, 44, e13387.	2.9	6
4	Casticin Inhibits In Vivo Growth of Xenograft Tumors of Human Oral Cancer SCC-4 Cells. In Vivo, 2020, 34, 2461-2467.	1.3	2
5	Combinational treatment of 5-fluorouracil and casticin induces apoptosis in mouse leukemia <sc>WEHI-3</sc> cells in vitro. Environmental Toxicology, 2020, 35, 911-921.	4.0	6
6	Maslinic Acid Induces DNA Damage and Impairs DNA Repair in Human Cervical Cancer HeLa Cells. Anticancer Research, 2020, 40, 6869-6877.	1.1	6
7	Cafestol Inhibits High-Glucose-Induced Cardiac Fibrosis in Cardiac Fibroblasts and Type 1-Like Diabetic Rats. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	1.2	3
8	Cafestol, a coffee diterpene, inhibits urotensin II-induced interleukin-8 expression in human umbilical vein endothelial cells. European Journal of Pharmacology, 2018, 820, 106-112.	3.5	12
9	Inhibitory Effects of Momordicine I on High-Glucose-Induced Cell Proliferation and Collagen Synthesis in Rat Cardiac Fibroblasts. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-11.	4.0	13
10	Cafestol Inhibits Cyclic-Strain-Induced Interleukin-8, Intercellular Adhesion Molecule-1, and Monocyte Chemoattractant Protein-1 Production in Vascular Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	15
11	Lipopolysaccharide pretreatment increases protease-activated receptor-2 expression and monocyte chemoattractant protein-1 secretion in vascular endothelial cells. Journal of Biomedical Science, 2017, 24, 85.	7.0	14
12	Chrysophanol-induced cell death (necrosis) in human lung cancer A549 cells is mediated through increasing reactive oxygen species and decreasing the level of mitochondrial membrane potential. Environmental Toxicology, 2014, 29, 740-749.	4.0	48
13	The Thermocapillary Motion of Spherical Droplet Parallel to the Plane Walls. SpringerBriefs in Physics, 2014, , 49-66.	0.7	0
14	Thermophoresis Motion of Spherical Aerosol Particles Parallel to Plane Walls. SpringerBriefs in Physics, 2014, , 67-85.	0.7	0
15	Induction of apoptosis by curcumin in murine myelomonocytic leukemia WEHI-3 cells is mediated via endoplasmic reticulum stress and mitochondria-dependent pathways. Environmental Toxicology, 2013, 28, 255-266.	4.0	27
16	Ellagic acid induces apoptosis in tsgh8301 human bladder cancer cells through the endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. Environmental Toxicology, 2013, 29, n/a-n/a.	4.0	42
17	Phenethyl isothiocyanate (PEITC) Inhibits the Growth of Human Oral Squamous Carcinoma HSC-3 Cells through $\text{G}_{2\text{M}}$ Phase Arrest and Mitochondria-Mediated Apoptotic Cell Death. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	1.2	18
18	Cucurbitacin E Induces $\text{G}_{2\text{M}}$ Phase Arrest through STAT3/p53/p21 Signaling and Provokes Apoptosis via Fas/CD95 and Mitochondria-Dependent Pathways in Human Bladder Cancer T24 Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	47

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19	KHC-4 Anti-Cancer Effects on Human PC3 Prostate Cancer Cell Line. The American Journal of Chinese Medicine, 2012, 40, 1063-1071.	3.8	12
20	Computational analysis of novel drugs designed for use as acetylcholinesterase inhibitors and histamine H3 receptor antagonists for Alzheimer's disease by docking, scoring and de novo evolution. Molecular Medicine Reports, 2012, 5, 1043-1048.	2.4	20
21	Tanshinone IIA prevents doxorubicin-induced cardiomyocyte apoptosis through Akt-dependent pathway. International Journal of Cardiology, 2012, 157, 174-179.	1.7	58
22	Danthron Triggers ROS and Mitochondria-Mediated Apoptotic Death in C6 Rat Glioma Cells Through Caspase Cascades, Apoptosis-Inducing Factor and Endonuclease G Multiple Signaling. Neurochemical Research, 2012, 37, 1790-1800.	3.3	16
23	Chrysophanol-induced necrotic-like cell death through an impaired mitochondrial ATP synthesis in Hep3B human liver cancer cells. Archives of Pharmacal Research, 2012, 35, 887-895.	6.3	33
24	Bee venom induces apoptosis through intracellular $Ca^{2+}$ -modulated intrinsic death pathway in human bladder cancer cells. International Journal of Urology, 2012, 19, 61-70.	1.0	50
25	Numerical analysis of coupled effects of pulsatile blood flow and thermal relaxation time during thermal therapy. International Journal of Heat and Mass Transfer, 2012, 55, 3763-3773.	4.8	41
26	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. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 732, 26-33.	1.0	54
27	Nicorandil Inhibits Angiotensin-II-Induced Proliferation of Cultured Rat Cardiac Fibroblasts. Pharmacology, 2011, 87, 144-151.	2.2	25
28	Predication the Suppressing Human Oral Cancer Cell Line by Curcumin through the Research of Fas Receptor. , 2011, , .		1
29	Growth Suppression of HER2-Overexpressing Breast Cancer Cells by Berberine via Modulation of the HER2/PI3K/Akt Signaling Pathway. Journal of Agricultural and Food Chemistry, 2011, 59, 8216-8224.	5.2	72
30	Butein Inhibits the Migration and Invasion of SK-HEP-1 Human Hepatocarcinoma Cells through Suppressing the ERK, JNK, p38, and uPA Signaling Multiple Pathways. Journal of Agricultural and Food Chemistry, 2011, 59, 9032-9038.	5.2	58
31	Molecular evidence of anti-leukemia activity of gypenosides on human myeloid leukemia HL-60 cells in vitro and in vivo using a HL-60 cells murine xenograft model. Phytomedicine, 2011, 18, 1075-1085.	5.3	35
32	Computational pharmaceutical analysis of anti-Alzheimer's Chinese medicine Coptidis Rhizoma alkaloids. Molecular Medicine Reports, 2011, 5, 142-7.	2.4	15
33	Apoptotic death in curcumin-treated NPC-TW 076 human nasopharyngeal carcinoma cells is mediated through the ROS, mitochondrial depolarization and caspase-3-dependent signaling responses. International Journal of Oncology, 2011, 39, 319-28.	3.3	28
34	Tanshinone IIA Inhibits Angiotensin II-Induced Cell Proliferation in Rat Cardiac Fibroblasts. The American Journal of Chinese Medicine, 2011, 39, 381-394.	3.8	34
35	Kaempferol induced apoptosis via endoplasmic reticulum stress and mitochondria-dependent pathway in human osteosarcoma U2 OS cells. Molecular Nutrition and Food Research, 2010, 54, 1585-1595.	3.3	147
36	ORGANISM SPECIFIC BLAST WEB-BASED SEARCH ENGINE "A FRAMEWORK OF NUCLEOTIDE SIMILARITY ANALYSIS. Biomedical Engineering - Applications, Basis and Communications, 2010, 22, 47-52.	0.6	0

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37	MAGNOLOL DEPRESSES UROTENSIN-INDUCED CELL PROLIFERATION IN RAT CARDIAC FIBROBLASTS. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 711-716.	1.9	17
38	Exploring the Receptor-Based Virtual Screening Study of the Aromatic Substituents for the Hepatitis C Virus NS5B Polymerase by Docking and Scoring. , 2009, , .		0
39	The MAPK Signal Pathway Research and New Drug Discovery. , 2009, , .		1
40	Rhein induced apoptosis through the endoplasmic reticulum stress, caspase- and mitochondria-dependent pathways in SCC-4 human tongue squamous cancer cells. In Vivo, 2009, 23, 309-16.	1.3	51
41	The feasibility of heating on tumor periphery by using high intensity focused ultrasound thermal surgery. International Communications in Heat and Mass Transfer, 2008, 35, 439-445.	5.6	9
42	Exploring 3D-QSAR pharmacophore mapping of azaphenanthrenone derivatives for mPGES-1 inhibition Using HypoGen technique. , 2008, , .		2
43	THE RECOMBINATION OF HUMAN ENTEROVIRUS 71. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 295-301.	0.6	0
44	Thermophoresis of an aerosol sphere parallel to one or two plane walls. AIChE Journal, 2003, 49, 2283-2299.	3.6	12
45	Thermocapillary motion of a fluid droplet parallel to two plane walls. International Journal of Multiphase Flow, 2002, 28, 1149-1175.	3.4	15
46	Diffusiophoresis of a colloidal sphere in nonelectrolyte gradients parallel to one or two plane walls. Chemical Engineering Science, 2002, 57, 2885-2899.	3.8	9