

Po-Yuan Chen

List of Publications by Year in descending order

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46
papers

1,101
citations

430874
18
h-index

395702
33
g-index

53
all docs

53
docs citations

53
times ranked

1791
citing authors

#	ARTICLE	IF	CITATIONS
1	Kaempferol induced apoptosis <i>via</i> 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
2	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
3	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
4	Tanshinone IIA prevents doxorubicin-induced cardiomyocyte apoptosis through Akt-dependent pathway. International Journal of Cardiology, 2012, 157, 174-179.	1.7	58
5	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
6	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
7	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
8	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
9	Cucurbitacin E Induces G ₂ /M Phase Arrest through STAT3/p53/p21 Signaling and Provokes Apoptosis <i>via</i> 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
10	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
11	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
12	Phenethyl Isothiocyanate (PEITC) Inhibits the Growth of Human Oral Squamous Carcinoma HSC-3 Cells through $G \times \left(\frac{1}{1 + \frac{1}{G}} \right) = \frac{G}{1 + \frac{1}{G}}$ Arrest and Mitochondria-Mediated Apoptotic Cell Death. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	4.2	38
13	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
14	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
15	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
16	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
17	Induction of apoptosis by curcumin in murine myelomonocytic leukemia WEHI231 cells is mediated via endoplasmic reticulum stress and mitochondria-dependent pathways. Environmental Toxicology, 2013, 28, 255-266.	4.0	27
18	Nicorandil Inhibits Angiotensin-II-Induced Proliferation of Cultured Rat Cardiac Fibroblasts. Pharmacology, 2011, 87, 144-151.	2.2	25

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19	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. <i>Molecular Medicine Reports</i> , 2012, 5, 1043-1048.	2.4	20
20	MAGNOLOL DEPRESSES UROTENSIN-INDUCED CELL PROLIFERATION IN RAT CARDIAC FIBROBLASTS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 711-716.	1.9	17
21	Danthron Triggers ROS and Mitochondria-Mediated Apoptotic Death in C6 Rat Glioma Cells Through Caspase Cascades, Apoptosis-Inducing Factor and Endonuclease G Multiple Signaling. <i>Neurochemical Research</i> , 2012, 37, 1790-1800.	3.3	16
22	Thermocapillary motion of a fluid droplet parallel to two plane walls. <i>International Journal of Multiphase Flow</i> , 2002, 28, 1149-1175.	3.4	15
23	Computational pharmaceutical analysis of anti-Alzheimer's Chinese medicine <i>Coptidis Rhizoma</i> alkaloids. <i>Molecular Medicine Reports</i> , 2011, 5, 142-7.	2.4	15
24	Cafestol Inhibits Cyclic-Strain-Induced Interleukin-8, Intercellular Adhesion Molecule-1, and Monocyte Chemoattractant Protein-1 Production in Vascular Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	15
25	Lipopolysaccharide pretreatment increases protease-activated receptor-2 expression and monocyte chemoattractant protein-1 secretion in vascular endothelial cells. <i>Journal of Biomedical Science</i> , 2017, 24, 85.	7.0	14
26	Inhibitory Effects of Momordicine I on High-Glucose-Induced Cell Proliferation and Collagen Synthesis in Rat Cardiac Fibroblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	4.0	13
27	Thermophoresis of an aerosol sphere parallel to one or two plane walls. <i>AIChE Journal</i> , 2003, 49, 2283-2299.	3.6	12
28	KHC-4 Anti-Cancer Effects on Human PC3 Prostate Cancer Cell Line. <i>The American Journal of Chinese Medicine</i> , 2012, 40, 1063-1071.	3.8	12
29	Cafestol, a coffee diterpene, inhibits urotensin II-induced interleukin-8 expression in human umbilical vein endothelial cells. <i>European Journal of Pharmacology</i> , 2018, 820, 106-112.	3.5	12
30	Diffusiophoresis of a colloidal sphere in nonelectrolyte gradients parallel to one or two plane walls. <i>Chemical Engineering Science</i> , 2002, 57, 2885-2899.	3.8	9
31	The feasibility of heating on tumor periphery by using high intensity focused ultrasound thermal surgery. <i>International Communications in Heat and Mass Transfer</i> , 2008, 35, 439-445.	5.6	9
32	Tetrandrine inhibits cell migration and invasion in human nasopharyngeal carcinoma NPC4W039 cells through inhibiting MAPK and RhoA signaling pathways. <i>Journal of Food Biochemistry</i> , 2020, 44, e13387.	2.9	6
33	Combinational treatment of 5-fluorouracil and casticin induces apoptosis in mouse leukemia <sc>WEHI</sc> cells in vitro. <i>Environmental Toxicology</i> , 2020, 35, 911-921.	4.0	6
34	Maslinic Acid Induces DNA Damage and Impairs DNA Repair in Human Cervical Cancer HeLa Cells. <i>Anticancer Research</i> , 2020, 40, 6869-6877.	1.1	6
35	Genistein enhances the effects of L-asparaginase on inducing cell apoptosis in human leukemia cancer <sc>HL</sc> cells. <i>Environmental Toxicology</i> , 2021, 36, 764-772.	4.0	4
36	Cafestol Inhibits High-Glucose-Induced Cardiac Fibrosis in Cardiac Fibroblasts and Type 1-Like Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	1.2	3

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37	Exploring 3D-QSAR pharmacophore mapping of azaphenanthrenone derivatives for mPGES-1 inhibition Using HypoGen technique. , 2008, , .		2
38	Casticin Inhibits In Vivo Growth of Xenograft Tumors of Human Oral Cancer SCC-4 Cells. In Vivo, 2020, 34, 2461-2467.	1.3	2
39	The MAPK Signal Pathway Research and New Drug Discovery. , 2009, , .		1
40	Predication the Suppressing Human Oral Cancer Cell Line by Curcumin through the Research of Fas Receptor. , 2011, , .		1
41	THE RECOMBINATION OF HUMAN ENTEROVIRUS 71. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 295-301.	0.6	0
42	Exploring the Receptor-Based Virtual Screening Study of the Aromatic Substituents for the Hepatitis C Virus NS5B Polymerase by Docking and Scoring. , 2009, , .		0
43	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
44	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
45	The Thermocapillary Motion of Spherical Droplet Parallel to the Plane Walls. SpringerBriefs in Physics, 2014, , 49-66.	0.7	0
46	Thermophoresis Motion of Spherical Aerosol Particles Parallel to Plane Walls. SpringerBriefs in Physics, 2014, , 67-85.	0.7	0