Lih-Ching Hsu

List of Publications by Year
in descending order

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44 papers	882 citations	430874 18 h-index	552781 26 g-index
44 all docs	44 docs citations	44 times ranked	1660 citing authors

#	Article	IF	Citations
1	Loss of distal 11q is associated with DNA repair deficiency and reduced sensitivity to ionizing radiation in head and neck squamous cell carcinoma. Genes Chromosomes and Cancer, 2007, 46, 761-775.	2.8	79
2	Centrosome abnormalities in ovarian cancer. International Journal of Cancer, 2005, 113, 746-751.	5.1	46
3	Coordinate up-regulation of TMEM97 and cholesterol biosynthesis genes in normal ovarian surface epithelial cells treated with progesterone: implications for pathogenesis of ovarian cancer. BMC Cancer, 2007, 7, 223.	2.6	42
4	Repurposing of nitroxoline as a potential anticancer agent against human prostate cancer - a crucial role on AMPK/mTOR signaling pathway and the interplay with Chk2 activation. Oncotarget, 2015, 6, 39806-39820.	1.8	40
5	The Akt inhibitor MK-2206 enhances the cytotoxicity of paclitaxel (Taxol) and cisplatin in ovarian cancer cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 19-31.	3.0	37
6	Zerumbone, a ginger sesquiterpene, induces apoptosis and autophagy in human hormone-refractory prostate cancers through tubulin binding and crosstalk between endoplasmic reticulum stress and mitochondrial insult. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 1223-1236.	3.0	35
7	Allelic imbalance in mammary carcinomas induced by either 7,12-dimethylbenz[a]anthracene or ionizing radiation in rats carrying genes conferring differential susceptibilities to mammary carcinogenesis. , 1996, 17, 134-143.		29
8	Terfenadine induces anti-proliferative and apoptotic activities in human hormone-refractory prostate cancer through histamine receptor-independent Mcl-1 cleavage and Bak up-regulation. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 33-45.	3.0	27
9	The Combination of MK-2206 and WZB117 Exerts a Synergistic Cytotoxic Effect Against Breast Cancer Cells. Frontiers in Pharmacology, 2019, 10, 1311.	3.5	26
10	Reevesioside A, a Cardenolide Glycoside, Induces Anticancer Activity against Human Hormone-Refractory Prostate Cancers through Suppression of c-myc Expression and Induction of G1 Arrest of the Cell Cycle. PLoS ONE, 2014, 9, e87323.	2.5	25
11	Effects of lipopolysaccharide on the expression of plasma membrane monoamine transporter (PMAT) at the bloodâ€“brain barrier and its implications to the transport of neurotoxins. Journal of Neurochemistry, 2015, 135, 1178-1188.	3.9	25
12	Using precursor ion scan of 184 with liquid chromatography-electrospray ionization-tandem mass spectrometry for concentration normalization in cellular lipidomic studies. Analytica Chimica Acta, 2017, 971, 68-77.	5.4	24
13	Evaluation of the Anticancer Activity of a Bile Acid-Dihydroartemisinin Hybrid Ursodeoxycholic-Dihydroartemisinin in Hepatocellular Carcinoma Cells. Frontiers in Pharmacology, 2020, 11, 599067.	3.5	24
14	Regulation of BRCA1 phosphorylation by interaction with protein phosphatase 1alpha. Cancer Research, 2002, 62, 6357-61.	0.9	24
15	Ardisianone, a natural benzoquinone, efficiently induces apoptosis in human hormoneâ€refractory prostate cancers through mitochondrial damage stress and survivin downregulation. Prostate, 2013, 73, 133-145.	2.3	22
16	A PP1-binding motif present in BRCA1 plays a role in its DNA repair function. International Journal of Biological Sciences, 2008, 4, 352-361.	6.4	22
17	Pim-1 knockdown potentiates paclitaxel-induced apoptosis in human hormone-refractory prostate cancers through inhibition of NHEJ DNA repair. Cancer Letters, 2012, 319, 214-222.	7.2	21
18	Mapping of 55 new rat microsatellite markers from chromosome-specific libraries. Mammalian Genome, 1998, 9, 622-628.	2.2	20

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19	Bivariate Flow Karyotyping, Sorting, and Peak Assignment of All Rat Chromosomes. Genomics, 1994, 19, 75-85.	2.9	19
20	Phosphodiesterase Type 5 (PDE5) Inhibitors Sensitize Topoisomerase II Inhibitors in Killing Prostate Cancer Through PDE5-Independent Impairment of HR and NHEJ DNA Repair Systems. Frontiers in Oncology, 2018, 8, 681.	2.8	19
21	Rottlerin potentiates camptothecin-induced cytotoxicity in human hormone refractory prostate cancers through increased formation and stabilization of topoisomerase I-DNA cleavage complexes in a PKCÎ´-independent pathway. Biochemical Pharmacology, 2012, 84, 59-67.	4.4	18
22	Dihydroartemisininâ€“Bile Acid Hybridization as an Effective Approach to Enhance Dihydroartemisinin Anticancer Activity. ChemMedChem, 2019, 14, 779-787.	3.2	18
23	Identification and functional characterization of a PP1-binding site in BRCA1. Biochemical and Biophysical Research Communications, 2007, 360, 507-512.	2.1	17
24	Reevesioside F induces potent and efficient anti-proliferative and apoptotic activities through Na+/K+-ATPase Î±3 subunit-involved mitochondrial stress and amplification of caspase cascades. Biochemical Pharmacology, 2013, 86, 1564-1575.	4.4	17
25	Development of a novel non-radioactive cell-based method for the screening of SGLT1 and SGLT2 inhibitors using 1-NBDG. Molecular BioSystems, 2013, 9, 2010.	2.9	17
26	Repurposing of phentolamine as a potential anticancer agent against human castration-resistant prostate cancer: A central role on microtubule stabilization and mitochondrial apoptosis pathway. Prostate, 2015, 75, 1454-1466.	2.3	16
27	Phosphodiesterase Type 5 Inhibitors Synergize Vincristine in Killing Castration-Resistant Prostate Cancer Through Amplifying Mitotic Arrest Signaling. Frontiers in Oncology, 2020, 10, 1274.	2.8	14
28	Non-immunosuppressive triazole-based small molecule induces anticancer activity against human hormone-refractory prostate cancers: the role in inhibition of PI3K/AKT/mTOR and c-Myc signaling pathways. Oncotarget, 2016, 7, 76995-77009.	1.8	14
29	Development of hemiasterlin derivatives as potential anticancer agents that inhibit tubulin polymerization and synergize with a stilbene tubulin inhibitor. Investigational New Drugs, 2012, 30, 1379-1388.	2.6	13
30	Synthesis and biological evaluation of novel C-aryl d-glucofuranosides as sodium-dependent glucose co-transporter 2 inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 6282-6291.	3.0	13
31	Gain-of-function p53 mutant with 21-bp deletion confers susceptibility to multidrug resistance in MCF-7 cells. International Journal of Molecular Medicine, 2016, 37, 233-242.	4.0	13
32	Targeting Colorectal Cancer with Conjugates of a Glucose Transporter Inhibitor and 5-Fluorouracil. Journal of Medicinal Chemistry, 2021, 64, 4450-4461.	6.4	13
33	A unique amidoanthraquinone derivative displays antiproliferative activity against human hormone-refractory metastatic prostate cancers through activation of LKB1-AMPK-mTOR signaling pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 979-990.	3.0	11
34	Para-Toluenesulfonamide Induces Anti-tumor Activity Through Akt-Dependent and -Independent mTOR/p70S6K Pathway: Roles of Lipid Raft and Cholesterol Contents. Frontiers in Pharmacology, 2018, 9, 1223.	3.5	11
35	The K898E germline variant in the PP1-binding motif of BRCA1 causes defects in DNA Repair. Scientific Reports, 2014, 4, 5812.	3.3	9
36	Enantiomerically pure Î²-dipeptide derivative induces anticancer activity against human hormone-refractory prostate cancer through both PI3K/Akt-dependent and -independent pathways. Oncotarget, 2017, 8, 96668-96683.	1.8	9

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37	Hemiasterlin derivative (R)(S)(S)-BF65 and Akt inhibitor MK-2206 synergistically inhibit SKOV3 ovarian cancer cell growth. Biochemical Pharmacology, 2016, 113, 12-23.	4.4	8
38	A novel hybrid drug between two potent anti-tubulin agents as a potential prolonged anticancer approach. European Journal of Pharmaceutical Sciences, 2016, 91, 50-63.	4.0	8
39	Traversal of the Bloodâ€“Brain Barrier by Cleavable <scp>l</scp>-Lysine Conjugates of Apigenin. Journal of Agricultural and Food Chemistry, 2018, 66, 8124-8131.	5.2	8
40	Chalcones Display Anti-NLRP3 Inflammasome Activity in Macrophages through Inhibition of Both Priming and Activation Stepsâ€”Structure-Activity-Relationship and Mechanism Studies. Molecules, 2020, 25, 5960.	3.8	7
41	Epi-reevesioside F inhibits Na+/K+-ATPase, causing cytosolic acidification, Bak activation and apoptosis in glioblastoma. Oncotarget, 2015, 6, 24032-24046.	1.8	7
42	The HPV16 E6/E7 oncogene sensitizes human ovarian surface epithelial cells to low-dose but not high-dose 5-FU and 5-FUdR. Biochemical and Biophysical Research Communications, 2004, 320, 249-255.	2.1	6
43	The (+)-Brevipolide H Displays Anticancer Activity against Human Castration-Resistant Prostate Cancer: The Role of Oxidative Stress and Akt/mTOR/p70S6K-Dependent Pathways in G1 Checkpoint Arrest and Apoptosis. Molecules, 2020, 25, 2929.	3.8	5
44	Discovery of Novel Agents on Spindle Assembly Checkpoint to Sensitize Vinorelbine-Induced Mitotic Cell Death against Human Non-Small Cell Lung Cancers. International Journal of Molecular Sciences, 2020, 21, 5608.	4.1	4