Lih-Ching Hsu

List of Publications by Year
in descending order

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	Targeting Colorectal Cancer with Conjugates of a Glucose Transporter Inhibitor and 5-Fluorouracil. Journal of Medicinal Chemistry, 2021, 64, 4450-4461.	6.4	13
2	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
3	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
4	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
5	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
6	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
7	Dihydroartemisininâ€"Bile Acid Hybridization as an Effective Approach to Enhance Dihydroartemisinin Anticancer Activity. ChemMedChem, 2019, 14, 779-787.	3.2	18
8	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
9	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
10	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
11	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
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	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	Epi-reevesioside F inhibits Na+/K+-ATPase, causing cytosolic acidification, Bak activation and apoptosis in glioblastoma. Oncotarget, 2015, 6, 24032-24046.	1.8	7
23	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
24	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
25	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
26	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
27	The K898E germline variant in the PP1-binding motif of BRCA1 causes defects in DNA Repair. Scientific Reports, 2014, 4, 5812.	3.3	9
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Identification and functional characterization of a PP1-binding site in BRCA1. Biochemical and Biophysical Research Communications, 2007, 360, 507-512.	2.1	17

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37	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
38	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
39	Centrosome abnormalities in ovarian cancer. International Journal of Cancer, 2005, 113, 746-751.	5.1	46
40	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
41	Regulation of BRCA1 phosphorylation by interaction with protein phosphatase 1alpha. Cancer Research, 2002, 62, 6357-61.	0.9	24
42	Mapping of 55 new rat microsatellite markers from chromosome-specific libraries. Mammalian Genome, 1998, 9, 622-628.	2.2	20
43	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
44	Bivariate Flow Karyotyping, Sorting, and Peak Assignment of All Rat Chromosomes. Genomics, 1994, 19, 75-85.	2.9	19