

Jung Jin Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

9,524
citations

331670

21
h-index

182427

51
g-index

53
all docs

53
docs citations

53
times ranked

22234
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Induction of Lysosomal Dilatation, Arrested Autophagy, and Cell Death by Chloroquine in Cultured ARPE-19 Cells. , 2010, 51, 6030.		200
4	Activation of the Trk Signaling Pathway by Extracellular Zinc. <i>Journal of Biological Chemistry</i> , 2005, 280, 11995-12001.	3.4	186
5	Zinc and 4-Hydroxy-2-Nonenal Mediate Lysosomal Membrane Permeabilization Induced by H ₂ O ₂ in Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 3114-3122.	3.6	136
6	BIX-01294 induces autophagy-associated cell death via EHMT2/G9a dysfunction and intracellular reactive oxygen species production. <i>Autophagy</i> , 2013, 9, 2126-2139.	9.1	134
7	Zinc(II) ion mediates tamoxifen-induced autophagy and cell death in MCF-7 breast cancer cell line. <i>BioMetals</i> , 2010, 23, 997-1013.	4.1	105
8	Multifunctional hollow gold nanoparticles designed for triple combination therapy and CT imaging. <i>Journal of Controlled Release</i> , 2015, 207, 77-85.	9.9	93
9	Lysosomal dysfunction in proteinopathic neurodegenerative disorders: possible therapeutic roles of cAMP and zinc. <i>Molecular Brain</i> , 2019, 12, 18.	2.6	75
10	Mitophagy deficiency increases NLRP3 to induce brown fat dysfunction in mice. <i>Autophagy</i> , 2021, 17, 1205-1221.	9.1	53
11	Raloxifene Induces Autophagy-Dependent Cell Death in Breast Cancer Cells via the Activation of AMP-Activated Protein Kinase. <i>Molecules and Cells</i> , 2015, 38, 138-144.	2.6	51
12	Inhibition of EHMT2/G9a epigenetically increases the transcription of <i>Beclin-1</i> via an increase in ROS and activation of NF- κ B. <i>Oncotarget</i> , 2016, 7, 39796-39808.	1.8	46
13	Copper activates TrkB in cortical neurons in a metalloproteinase-dependent manner. <i>Journal of Neuroscience Research</i> , 2007, 85, 2160-2166.	2.9	38
14	Synergistic anticancer efficacy of MEK inhibition and dual PI3K/mTOR inhibition in castration-resistant prostate cancer. <i>Prostate</i> , 2015, 75, 1747-1759.	2.3	35
15	Epigenetic regulation of miR-29a/miR-30c/DNMT3A axis controls SOD2 and mitochondrial oxidative stress in human mesenchymal stem cells. <i>Redox Biology</i> , 2020, 37, 101716.	9.0	34
16	A novel histone deacetylase inhibitor, CG200745, potentiates anticancer effect of docetaxel in prostate cancer via decreasing Mcl-1 and Bcl-XL. <i>Investigational New Drugs</i> , 2012, 30, 1434-1442.	2.6	33
17	Stearic acid attenuates profibrotic signalling in idiopathic pulmonary fibrosis. <i>Respirology</i> , 2021, 26, 255-263.	2.3	29
18	Chebulinic acid attenuates glutamate-induced HT22 cell death by inhibiting oxidative stress, calcium influx and MAPKs phosphorylation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 249-253.	2.2	27

#	ARTICLE	IF	CITATIONS
19	A novel nanoparticle-based theranostic agent targeting LRP-1 enhances the efficacy of neoadjuvant radiotherapy in colorectal cancer. <i>Biomaterials</i> , 2020, 255, 120151.	11.4	27
20	Down-regulated TMED10 in Alzheimer disease induces autophagy via ATG4B activation. <i>Autophagy</i> , 2019, 15, 1495-1505.	9.1	25
21	Histone Deacetylase Inhibitor Potentiates Anticancer Effect of Docetaxel via Modulation of Bcl-2 Family Proteins and Tubulin in Hormone Refractory Prostate Cancer Cells. <i>Journal of Urology</i> , 2010, 184, 2557-2564.	0.4	24
22	Epigenetic Modulation with HDAC Inhibitor CG200745 Induces Anti-Proliferation in Non-Small Cell Lung Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0119379.	2.5	24
23	Multiplexed gene expression profiling identifies the FGFR4 pathway as a novel biomarker in intrahepatic cholangiocarcinoma. <i>Oncotarget</i> , 2017, 8, 38592-38601.	1.8	21
24	Contribution of Zinc-Dependent Delayed Calcium Influx via TRPC5 in Oxidative Neuronal Death and its Prevention by Novel TRPC Antagonist. <i>Molecular Neurobiology</i> , 2019, 56, 2822-2835.	4.0	20
25	Bay 61-3606 Sensitizes TRAIL-Induced Apoptosis by Downregulating Mcl-1 in Breast Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0146073.	2.5	19
26	Combination Treatment of Renal Cell Carcinoma with Belinostat and 5-Fluorouracil: A Role for Oxidative Stress Induced DNA Damage and HSP90 Regulated Thymidine Synthase. <i>Journal of Urology</i> , 2015, 193, 1660-1668.	0.4	19
27	Combination treatment with docetaxel and histone deacetylase inhibitors downregulates androgen receptor signaling in castration-resistant prostate cancer. <i>Investigational New Drugs</i> , 2018, 36, 195-205.	2.6	19
28	A novel histone deacetylase inhibitor, CG0006, induces cell death through both extrinsic and intrinsic apoptotic pathways. <i>Anti-Cancer Drugs</i> , 2009, 20, 815-821.	1.4	17
29	A novel mechanism for the pyruvate protection against zinc-induced cytotoxicity: mediation by the chelating effect of citrate and isocitrate. <i>Archives of Pharmacal Research</i> , 2016, 39, 1151-1159.	6.3	16
30	Efficacy and safety of low-dose Sirolimus in Lymphangioliomyomatosis. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 204.	2.7	15
31	Sodium meta-arsenite induces reactive oxygen species-dependent apoptosis, necrosis, and autophagy in both androgen-sensitive and androgen-insensitive prostate cancer cells. <i>Anti-Cancer Drugs</i> , 2014, 25, 53-62.	1.4	14
32	KML001 Induces Apoptosis and Autophagic Cell Death in Prostate Cancer Cells via Oxidative Stress Pathway. <i>PLoS ONE</i> , 2015, 10, e0137589.	2.5	14
33	BIX-01294-induced autophagy regulates elongation of primary cilia. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 428-433.	2.1	14
34	Vorinostat enhances gefitinib-induced cell death through reactive oxygen species-dependent cleavage of HSP90 and its clients in non-small cell lung cancer with the EGFR mutation. <i>Oncology Reports</i> , 2019, 41, 525-533.	2.6	14
35	Inhibition of never in mitosis A (NIMA)-related kinase-4 reduces survivin expression and sensitizes cancer cells to TRAIL-induced cell death. <i>Oncotarget</i> , 2016, 7, 65957-65967.	1.8	14
36	lbulocydine sensitizes human hepatocellular carcinoma cells to TRAIL-induced apoptosis via calpain-mediated Bax cleavage. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 83, 47-55.	2.8	13

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37	Ibuprofen sensitizes human cancers to radiotherapy by induction of mitochondria-mediated apoptosis. <i>Radiotherapy and Oncology</i> , 2014, 112, 295-301.	0.6	12
38	A cisplatin-incorporated liposome that targets the epidermal growth factor receptor enhances radiotherapeutic efficacy without nephrotoxicity. <i>International Journal of Oncology</i> , 2015, 46, 1268-1274.	3.3	11
39	Schedule-dependent synergistic effects of 5-fluorouracil and selumetinib in KRAS or BRAF mutant colon cancer models. <i>Biochemical Pharmacology</i> , 2019, 160, 110-120.	4.4	11
40	A strategy for actualization of active targeting nanomedicine practically functioning in a living body. <i>Biomaterials</i> , 2017, 141, 136-148.	11.4	9
41	Induction of immunoglobulin transcription factor 2 and resistance to MEK inhibitor in melanoma cells. <i>Oncotarget</i> , 2017, 8, 41387-41400.	1.8	9
42	Establishment of a Patient-derived Xenograft for Development of Personalized HER2-targeting Therapy in Gastric Cancer. <i>Anticancer Research</i> , 2018, 38, 287-293.	1.1	9
43	Downregulation of androgen receptors by NaAsO ₂ via inhibition of AKT and NF- κ B and HSP90 in castration resistant prostate cancer. <i>Prostate</i> , 2017, 77, 1128-1136.	2.3	7
44	Induction of p53-mediated senescence is essential for the eventual anticancer therapeutic effect of RH1. <i>Archives of Pharmacal Research</i> , 2019, 42, 815-823.	6.3	6
45	Preclinical evaluation of cisplatin-incorporated bio-nanocapsules as chemo-radiotherapy for human hepatocellular carcinoma. <i>Oncology Reports</i> , 2017, 38, 2259-2266.	2.6	5
46	Suppression of Cpn10 Increases Mitochondrial Fission and Dysfunction in Neuroblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e112130.	2.5	5
47	miR-96-5p targets PTEN to mediate sunitinib resistance in clear cell renal cell carcinoma. <i>Scientific Reports</i> , 2022, 12, 3537.	3.3	4
48	Protective Role of miR-34c in Hypoxia by Activating Autophagy through BCL2 Repression. <i>Molecules and Cells</i> , 2022, 45, 403-412.	2.6	2
49	Antioxidative and anti-inflammatory activity of psiguadial B and its halogenated analogues as potential neuroprotective agents. <i>Bioorganic Chemistry</i> , 2021, 113, 105027.	4.1	1
50	Correction: Inhibition of EHMT2/G9a epigenetically increases the transcription of Beclin-1 via an increase in ROS and activation of NF- κ B. <i>Oncotarget</i> , 2019, 10, 4348-4349.	1.8	1
51	Abstract 270: Enhanced anti-tumor effect and tolerance of novel irinotecan (sn-38) nanoparticle with double core-shell micelle technology. , 2021, , .		0