

Show-Mei Chuang

List of Publications by Year in descending order

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257357

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times ranked

3819
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of JNK, p38 and ERK mitogen-activated protein kinases in the growth inhibition and apoptosis induced by cadmium. <i>Carcinogenesis</i> , 2000, 21, 1423-1432.	1.3	223
2	Disturbed mitotic progression and genome segregation are involved in cell transformation mediated by nano-TiO ₂ long-term exposure. <i>Toxicology and Applied Pharmacology</i> , 2009, 241, 182-194.	1.3	179
3	Proteasome-Mediated Degradation of Cotranslationally Damaged Proteins Involves Translation Elongation Factor 1A. <i>Molecular and Cellular Biology</i> , 2005, 25, 403-413.	1.1	156
4	Differential cytotoxic effects of gold nanoparticles in different mammalian cell lines. <i>Journal of Hazardous Materials</i> , 2014, 264, 303-312.	6.5	126
5	CTGF increases vascular endothelial growth factor-dependent angiogenesis in human synovial fibroblasts by increasing miR-210 expression. <i>Cell Death and Disease</i> , 2014, 5, e1485-e1485.	2.7	122
6	ERK1/2 Achieves Sustained Activation by Stimulating MAPK Phosphatase-1 Degradation via the Ubiquitin-Proteasome Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 21534-21541.	1.6	113
7	A Novel Function of YWHAZ/ β -Catenin Axis in Promoting Epithelial \rightarrow Mesenchymal Transition and Lung Cancer Metastasis. <i>Molecular Cancer Research</i> , 2012, 10, 1319-1331.	1.5	88
8	Extensive evaluations of the cytotoxic effects of gold nanoparticles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4960-4973.	1.1	84
9	Activation of JNK, p38 and ERK mitogen-activated protein kinases by chromium(VI) is mediated through oxidative stress but does not affect cytotoxicity. <i>Carcinogenesis</i> , 2000, 21, 1491-1500.	1.3	83
10	Cinnamaldehyde Enhances Nrf2 Nuclear Translocation to Upregulate Phase II Detoxifying Enzyme Expression in HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5164-5171.	2.4	60
11	Osteoblast-secreted WISP-1 promotes adherence of prostate cancer cells to bone via the VCAM-1/integrin α 4 β 1 system. <i>Cancer Letters</i> , 2018, 426, 47-56.	3.2	51
12	Roles of MKK1/2-ERK1/2 and Phosphoinositide 3-Kinase \rightarrow AKT Signaling Pathways in Erlotinib-Induced Rad51 Suppression and Cytotoxicity in Human Non \rightarrow Small Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2009, 7, 1378-1389.	1.5	48
13	Persistent activation of ERK1/2 by lead acetate increases nucleotide excision repair synthesis and confers anti-cytotoxicity and anti-mutagenicity. <i>Carcinogenesis</i> , 2003, 24, 53-61.	1.3	46
14	Prodigiosin down-regulates survivin to facilitate paclitaxel sensitization in human breast carcinoma cell lines. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 253-260.	1.3	46
15	Imiquimod-induced ROS production disrupts the balance of mitochondrial dynamics and increases mitophagy in skin cancer cells. <i>Journal of Dermatological Science</i> , 2020, 98, 152-162.	1.0	44
16	CTGF Increases IL-6 Expression in Human Synovial Fibroblasts through Integrin-Dependent Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e51097.	1.1	44
17	Sts1 Plays a Key Role in Targeting Proteasomes to the Nucleus. <i>Journal of Biological Chemistry</i> , 2011, 286, 3104-3118.	1.6	42
18	Rad23 Interaction with the Proteasome Is Regulated by Phosphorylation of Its Ubiquitin-Like (Ubl) Domain. <i>Journal of Molecular Biology</i> , 2014, 426, 4049-4060.	2.0	40

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19	Down-Regulation of Tumor-Associated NADH Oxidase, tNOX (ENOX2), Enhances Capsaicin-Induced Inhibition of Gastric Cancer Cell Growth. <i>Cell Biochemistry and Biophysics</i> , 2011, 61, 355-366.	0.9	39
20	CTGF induces monocyte chemoattractant protein-1 expression to enhance monocyte migration in human synovial fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1114-1124.	1.9	36
21	Elucidation of the DNA-interacting properties and anticancer activity of a Ni(II)-coordinated mithramycin dimer complex. <i>BioMetals</i> , 2013, 26, 1-12.	1.8	35
22	<i>Saccharomyces cerevisiae</i> Ub-Conjugating Enzyme Ubc4 Binds the Proteasome in the Presence of Translationally Damaged Proteins. <i>Genetics</i> , 2005, 171, 1477-1484.	1.2	34
23	Activation of JNK, p38 and ERK mitogen-activated protein kinases by chromium(VI) is mediated through oxidative stress but does not affect cytotoxicity. <i>Carcinogenesis</i> , 2000, 21, 1491-1500.	1.3	33
24	Emodin enhances gefitinib-induced cytotoxicity via Rad51 downregulation and ERK1/2 inactivation. <i>Experimental Cell Research</i> , 2009, 315, 2658-2672.	1.2	25
25	Capsaicin-induced TRIB3 upregulation promotes apoptosis in cancer cells. <i>Cancer Management and Research</i> , 2018, Volume 10, 4237-4248.	0.9	25
26	Selective recognition and stabilization of new ligands targeting the potassium form of the human telomeric G-quadruplex DNA. <i>Scientific Reports</i> , 2016, 6, 31019.	1.6	19
27	Short-term depletion of catalase suppresses cadmium-elicited c-Jun N-terminal kinase activation and apoptosis: role of protein phosphatases. <i>Carcinogenesis</i> , 2003, 24, 7-15.	1.3	18
28	d-pinitol inhibits RANKL-induced osteoclastogenesis. <i>International Immunopharmacology</i> , 2012, 12, 494-500.	1.7	18
29	The Crucial Role of Divalent Metal Ions in the DNA-Acting Efficacy and Inhibition of the Transcription of Dimeric Chromomycin A3. <i>PLoS ONE</i> , 2012, 7, e43792.	1.1	17
30	Roles of JNK, p38 and ERK mitogen-activated protein kinases in the growth inhibition and apoptosis induced by cadmium. <i>Carcinogenesis</i> , 2000, 21, 1423-1432.	1.3	17
31	A synergistic effect of GABA tea and copper(II) on DNA breakage in human peripheral lymphocytes. <i>Food and Chemical Toxicology</i> , 2011, 49, 955-962.	1.8	15
32	Biocompatibility assessment of nanomaterials for environmental safety screening. <i>Environmental Toxicology</i> , 2017, 32, 1170-1182.	2.1	15
33	Engagement with tNOX (ENOX2) to Inhibit SIRT1 and Activate p53-Dependent and -Independent Apoptotic Pathways by Novel 4,11-Diaminoanthra[2,3-b]furan-5,10-diones in Hepatocellular Carcinoma Cells. <i>Cancers</i> , 2019, 11, 420.	1.7	15
34	Acidic stress facilitates tyrosine phosphorylation of HLJ1 to associate with actin cytoskeleton in lung cancer cells. <i>Experimental Cell Research</i> , 2010, 316, 2910-2921.	1.2	14
35	Spermine Attenuates the Action of the DNA Intercalator, Actinomycin D, on DNA Binding and the Inhibition of Transcription and DNA Replication. <i>PLoS ONE</i> , 2012, 7, e47101.	1.1	14
36	Role of ribophorin II in the response to anticancer drugs in gastric cancer cell lines. <i>Oncology Letters</i> , 2015, 9, 1861-1868.	0.8	14

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37	TRIB3 downregulation enhances doxorubicin-induced cytotoxicity in gastric cancer cells. Archives of Biochemistry and Biophysics, 2017, 622, 26-35.	1.4	13
38	Cisplatin transiently up-regulates hHR23 expression through enhanced translational efficiency in A549 adenocarcinoma cells. Toxicology Letters, 2011, 205, 341-350.	0.4	12
39	Induction of Rad51 protein levels by p38 MAPK decreases cytotoxicity and mutagenicity in benzo[a]pyrene-exposed human lung cancer cells. Toxicology and Applied Pharmacology, 2008, 230, 290-297.	1.3	11
40	Phosphorylation of serine-504 of tNOX (ENOX2) modulates cell proliferation and migration in cancer cells. Experimental Cell Research, 2012, 318, 1759-1766.	1.2	10
41	A gene signature for gold nanoparticle-exposed human cell lines. Toxicology Research, 2015, 4, 365-375.	0.9	10
42	MEK2 is a critical modulating mechanism to downregulate GCIP stability and function in cancer cells. FASEB Journal, 2020, 34, 1958-1969.	0.2	8
43	Capsaicin Potentiates Anticancer Drug Efficacy Through Autophagy-Mediated Ribophorin II Downregulation and Necroptosis in Oral Squamous Cell Carcinoma Cells. Frontiers in Pharmacology, 2021, 12, 676813.	1.6	7
44	The S100A4 D10V polymorphism is related to cell migration ability but not drug resistance in gastric cancer cells. Oncology Reports, 2014, 32, 2307-2318.	1.2	6
45	Zinc Ion Enhances GABA Tea-Mediated Oxidative DNA Damage. Journal of Agricultural and Food Chemistry, 2012, 60, 1586-1594.	2.4	5
46	Expression and Activation of Mitogen-activated Protein Kinases in Matured Porcine Oocytes under Thermal Stress. Journal of Reproduction and Development, 2014, 60, 388-394.	0.5	5
47	HR23A-knockdown lung cancer cells exhibit epithelial-to-mesenchymal transition and gain stemness properties through increased Twist1 stability. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 118537.	1.9	5
48	hHR23A is required to control the basal turnover of Chk1. Cellular Signalling, 2015, 27, 2304-2313.	1.7	4
49	Human Rad23A plays a regulatory role in autophagy. Biochemical and Biophysical Research Communications, 2016, 478, 1772-1779.	1.0	4
50	Discovery of a potent cyclooxygenase-2 inhibitor, S4, through docking-based pharmacophore screening, in vivo and in vitro estimations. Molecular BioSystems, 2016, 12, 2541-2551.	2.9	3
51	Abstract 4938: A vicious cycle between osteoblasts-derived WISP-1 and mesenchymal-like cancer cells is essential to prostate cancer metastasis. , 2017, , .		0
52	Abstract 1163: HR23A expression modulates drug resistance through regulation of autophagy and stem cell properties in cancer cells. , 2019, , .		0
53	DNA repair proteins as the targets for paroxetine to induce cytotoxicity in gastric cancer cell AGS.. American Journal of Cancer Research, 2022, 12, 1465-1483.	1.4	0