

Hui-Wen Chiu

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,059
citations

279701

23
h-index

243529

44
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63
all docs

63
docs citations

63
times ranked

3302
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxicity, oxidative stress, apoptosis and the autophagic effects of silver nanoparticles in mouse embryonic fibroblasts. <i>Biomaterials</i> , 2014, 35, 4706-4715.	5.7	288
2	Cationic polystyrene nanospheres induce autophagic cell death through the induction of endoplasmic reticulum stress. <i>Nanoscale</i> , 2015, 7, 736-746.	2.8	154
3	The Kidney-Related Effects of Polystyrene Microplastics on Human Kidney Proximal Tubular Epithelial Cells HK-2 and Male C57BL/6 Mice. <i>Environmental Health Perspectives</i> , 2021, 129, 57003.	2.8	126
4	Potent Impact of Plastic Nanomaterials and Micromaterials on the Food Chain and Human Health. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1727.	1.8	94
5	Combination treatment with arsenic trioxide and irradiation enhances autophagic effects in U118-MG cells through increased mitotic arrest and regulation of PI3K/Akt and ERK1/2 signaling pathways. <i>Autophagy</i> , 2009, 5, 472-483.	4.3	91
6	Suberoylanilide Hydroxamic Acid, an Inhibitor of Histone Deacetylase, Enhances Radiosensitivity and Suppresses Lung Metastasis in Breast Cancer In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e76340.	1.1	87
7	Combination treatment with arsenic trioxide and irradiation enhances cell-killing effects in human fibrosarcoma cells in vitro and in vivo through induction of both autophagy and apoptosis. <i>Autophagy</i> , 2010, 6, 353-365.	4.3	74
8	Arsenic trioxide induces autophagy and apoptosis in human glioma cells in vitro and in vivo through downregulation of survivin. <i>Journal of Molecular Medicine</i> , 2011, 89, 927-941.	1.7	64
9	The role of hypoxia-inducible factor-1 α in zinc oxide nanoparticle-induced nephrotoxicity in vitro and in vivo. <i>Particle and Fibre Toxicology</i> , 2015, 13, 52.	2.8	59
10	Far-infrared promotes burn wound healing by suppressing NLRP3 inflammasome caused by enhanced autophagy. <i>Journal of Molecular Medicine</i> , 2016, 94, 809-819.	1.7	59
11	Exposure to polystyrene microplastics impairs hippocampus-dependent learning and memory in mice. <i>Journal of Hazardous Materials</i> , 2022, 430, 128431.	6.5	51
12	Arsenic trioxide induces programmed cell death through stimulation of ER stress and inhibition of the ubiquitin-proteasome system in human sarcoma cells. <i>Cancer Letters</i> , 2015, 356, 762-772.	3.2	46
13	Traffic-related particulate matter exposure induces nephrotoxicity in vitro and in vivo. <i>Free Radical Biology and Medicine</i> , 2019, 135, 235-244.	1.3	46
14	Current Strategies in Assessment of Nanotoxicity: Alternatives to In Vivo Animal Testing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4216.	1.8	45
15	Monascuspiloin Enhances the Radiation Sensitivity of Human Prostate Cancer Cells by Stimulating Endoplasmic Reticulum Stress and Inducing Autophagy. <i>PLoS ONE</i> , 2012, 7, e40462.	1.1	45
16	Resveratrol-loaded nanoparticles conjugated with kidney injury molecule-1 as a drug delivery system for potential use in chronic kidney disease. <i>Nanomedicine</i> , 2017, 12, 2741-2756.	1.7	42
17	Arsenic Trioxide Enhances the Radiation Sensitivity of Androgen-Dependent and -Independent Human Prostate Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e31579.	1.1	41
18	Arsenic trioxide and radiation enhance apoptotic effects in HL-60 cells through increased ROS generation and regulation of JNK and p38 MAPK signaling pathways. <i>Chemico-Biological Interactions</i> , 2011, 193, 162-171.	1.7	38

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19	Combination of the novel histone deacetylase inhibitor YCW1 and radiation induces autophagic cell death through the downregulation of BNIP3 in triple-negative breast cancer cells in vitro and in an orthotopic mouse model. <i>Molecular Cancer</i> , 2016, 15, 46.	7.9	38
20	Synergistic antitumor effects of radiation and proteasome inhibitor treatment in pancreatic cancer through the induction of autophagy and the downregulation of TRAF6. <i>Cancer Letters</i> , 2015, 365, 229-239.	3.2	35
21	Pterostilbene Attenuates Hexavalent Chromium-Induced Allergic Contact Dermatitis by Preventing Cell Apoptosis and Inhibiting IL-1 β -Related NLRP3 Inflammasome Activation. <i>Journal of Clinical Medicine</i> , 2018, 7, 489.	1.0	29
22	Lactoferrin Contributes a Renoprotective Effect in Acute Kidney Injury and Early Renal Fibrosis. <i>Pharmaceutics</i> , 2020, 12, 434.	2.0	29
23	Synergistic Effects of Arsenic Trioxide and Radiation in Osteosarcoma Cells through the Induction of Both Autophagy and Apoptosis. <i>Radiation Research</i> , 2011, 175, 547-560.	0.7	25
24	Cordycepin Enhances Radiosensitivity in Oral Squamous Carcinoma Cells by Inducing Autophagy and Apoptosis Through Cell Cycle Arrest. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5366.	1.8	24
25	Combination treatment with arsenic trioxide and irradiation enhances apoptotic effects in U937 cells through increased mitotic arrest and ROS generation. <i>Chemico-Biological Interactions</i> , 2009, 179, 304-313.	1.7	23
26	A novel histone deacetylase inhibitor TMU-35435 enhances etoposide cytotoxicity through the proteasomal degradation of DNA-PKcs in triple-negative breast cancer. <i>Cancer Letters</i> , 2017, 400, 79-88.	3.2	23
27	Far-infrared suppresses skin photoaging in ultraviolet B-exposed fibroblasts and hairless mice. <i>PLoS ONE</i> , 2017, 12, e0174042.	1.1	23
28	Bortezomib enhances radiosensitivity in oral cancer through inducing autophagy-mediated TRAF6 oncoprotein degradation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 91.	3.5	23
29	A histone deacetylase inhibitor YCW1 with antitumor and antimetastasis properties enhances cisplatin activity against non-small cell lung cancer in preclinical studies. <i>Cancer Letters</i> , 2014, 346, 84-93.	3.2	21
30	High-level expression of ARID1A predicts a favourable outcome in triple-negative breast cancer patients receiving paclitaxel-based chemotherapy. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2458-2468.	1.6	21
31	The Oxygen-Generating Calcium Peroxide-Modified Magnetic Nanoparticles Attenuate Hypoxia-Induced Chemoresistance in Triple-Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 606.	1.7	21
32	Nicotine Causes Nephrotoxicity through the Induction of NLRP6 Inflammasome and Alpha7 Nicotinic Acetylcholine Receptor. <i>Toxics</i> , 2020, 8, 92.	1.6	19
33	Resveratrol Rescue Indoxyl Sulfate-Induced Deterioration of Osteoblastogenesis via the Aryl Hydrocarbon Receptor /MAPK Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7483.	1.8	18
34	Far infrared promotes wound healing through activation of Notch1 signaling. <i>Journal of Molecular Medicine</i> , 2017, 95, 1203-1213.	1.7	17
35	Dysregulation of the miR-25-IMP2 axis promotes metastatic progression in clear cell renal cell carcinoma. <i>EBioMedicine</i> , 2019, 45, 220-230.	2.7	17
36	OTUD7B upregulation predicts a poor response to paclitaxel in patients with triple-negative breast cancer. <i>Oncotarget</i> , 2018, 9, 553-565.	0.8	17

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37	Preventive Effects of Monascus on Androgen-Related Diseases: Androgenetic Alopecia, Benign Prostatic Hyperplasia, and Prostate Cancer. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4379-4386.	2.4	15
38	The immunotoxic effects of dual exposure to PCP and TCDD. <i>Chemico-Biological Interactions</i> , 2013, 206, 166-174.	1.7	14
39	Induction of Fibrosis and Autophagy in Kidney Cells by Vinyl Chloride. <i>Cells</i> , 2019, 8, 601.	1.8	14
40	FBXL7 Upregulation Predicts a Poor Prognosis and Associates with a Possible Mechanism for Paclitaxel Resistance in Ovarian Cancer. <i>Journal of Clinical Medicine</i> , 2018, 7, 330.	1.0	13
41	A New Histone Deacetylase Inhibitor Enhances Radiation Sensitivity through the Induction of Misfolded Protein Aggregation and Autophagy in Triple-Negative Breast Cancer. <i>Cancers</i> , 2019, 11, 1703.	1.7	13
42	Promising therapeutic effect of thapsigargin nanoparticles on chronic kidney disease through the activation of Nrf2 and FoxO1. <i>Aging</i> , 2019, 11, 9875-9892.	1.4	13
43	GBP5 Repression Suppresses the Metastatic Potential and PD-L1 Expression in Triple-Negative Breast Cancer. <i>Biomedicines</i> , 2021, 9, 371.	1.4	12
44	Lactotransferrin Downregulation Drives the Metastatic Progression in Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2020, 12, 847.	1.7	10
45	GBP5 Serves as a Potential Marker to Predict a Favorable Response in Triple-Negative Breast Cancer Patients Receiving a Taxane-Based Chemotherapy. <i>Journal of Personalized Medicine</i> , 2021, 11, 197.	1.1	9
46	Endoplasmic Reticulum Stress-Triggered Autophagy and Lysosomal Dysfunction Contribute to the Cytotoxicity of Amine-Modified Silver Nanoparticles in NIH 3T3 Cells. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 778-794.	0.5	9
47	Therapeutic Effect of Endothelin-Converting Enzyme Inhibitor on Chronic Kidney Disease through the Inhibition of Endoplasmic Reticulum Stress and the NLRP3 Inflammasome. <i>Biomedicines</i> , 2021, 9, 398.	1.4	8
48	Osteoclast-Released Wnt-10b Underlies Cinacalcet Related Bone Improvement in Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2800.	1.8	6
49	RGL2 Drives the Metastatic Progression of Colorectal Cancer via Preventing the Protein Degradation of β -Catenin and KRAS. <i>Cancers</i> , 2021, 13, 1763.	1.7	6
50	Aldosterone-producing nodules and CYP11B1 signaling correlate in primary aldosteronism. <i>Endocrine-Related Cancer</i> , 2022, 29, 59-69.	1.6	6
51	Association of pre-ESRD care education with patient outcomes in a 10-year longitudinal study of patients with CKD stages 3-5 in Taiwan. <i>Scientific Reports</i> , 2021, 11, 22602.	1.6	6
52	Micro- and Nanosized Substances Cause Different Autophagy-Related Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4787.	1.8	5
53	Cinacalcet Improves Bone Parameters Through Regulation of Osteoclast Endoplasmic Reticulum Stress, Autophagy, and Apoptotic Pathways in Chronic Kidney Disease—Mineral and Bone Disorder. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 215-225.	3.1	5
54	The Glutathione/peroxylphospholipase C-1 interaction promotes autophagosome degradation by activating the Akt/mTORC1 pathway in metastatic triple-negative breast cancer. <i>Aging</i> , 2020, 12, 13023-13037.	1.4	5

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55	DNA polymerase theta repression enhances the docetaxel responsiveness in metastatic castration-resistant prostate cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165954.	1.8	4
56	Investigation of potential descriptors of chemical compounds on prevention of nephrotoxicity via QSAR approach. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1876-1884.	1.9	4
57	Lactotransferrin Downregulation Serves as a Potential Predictor for the Therapeutic Effectiveness of mTOR Inhibitors in the Metastatic Clear Cell Renal Cell Carcinoma without PTEN Mutation. <i>Biomedicines</i> , 2021, 9, 1896.	1.4	2
58	P0906SALUBRINAL IMPROVES OSTEOCLAST DIFFERENTIATION AND VASCULAR CALCIFICATION IN UREMIC MILLENNIUM THROUGH INHIBITION OF THE ENDOPLASMIC RETICULUM (ER) STRESS CONDITION. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	1
59	Cigarette Smoke Exposure Increases Glucose-6-phosphate Dehydrogenase, Autophagy, Fibrosis, and Senescence in Kidney Cells In Vitro and In Vivo. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	1
60	OTUD7B upregulation predicts a poor response to paclitaxel in patients with triplenegative breast cancer. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
61	IMPA2 Downregulation Enhances mTORC1 Activity and Restrains Autophagy Initiation in Metastatic Clear Cell Renal Cell Carcinoma. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0