

Chuang-Rung Chang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,621
citations

394421

19
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

5591
citing authors

#	ARTICLE	IF	CITATIONS
1	LC3A-mediated autophagy regulates lung cancer cell plasticity. <i>Autophagy</i> , 2022, 18, 921-934.	9.1	8
2	DRP1 contributes to head and neck cancer progression and induces glycolysis through modulated FOXM1/MMP12 axis. <i>Molecular Oncology</i> , 2022, 16, 2585-2606.	4.6	9
3	Identification of distinct slow mode of reversible adaptation of pancreatic ductal adenocarcinoma to the prolonged acidic pH microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 137.	8.6	4
4	Changes in Energy Status of <i>Saccharomyces cerevisiae</i> Cells during Dehydration and Rehydration. <i>Microorganisms</i> , 2021, 9, 444.	3.6	2
5	A Crucial Role of Mitochondrial Dynamics in Dehydration Resistance in <i>Saccharomyces cerevisiae</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4607.	4.1	5
6	Potential PD-L1 expressing cytotoxic T-cell immunopathology in Alzheimer disease.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e055818.	0.8	0
7	Mitochondria dynamics and pathogenesis. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
8	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.	1.9	44
9	Caffeic acid phenethyl ester suppresses androgen receptor signaling and stability via inhibition of phosphorylation on Ser81 and Ser213. <i>Cell Communication and Signaling</i> , 2019, 17, 100.	6.5	14
10	Anhydrobiosis in yeasts: Glutathione synthesis by yeast <i>Ogataea</i> (<i>Hansenula</i>) polymorpha cells after their dehydration-rehydration. <i>Journal of Biotechnology</i> , 2019, 304, 28-30.	3.8	3
11	Srv2 Is a Pro-fission Factor that Modulates Yeast Mitochondrial Morphology and Respiration by Regulating Actin Assembly. <i>iScience</i> , 2019, 11, 305-317.	4.1	15
12	Elevation of androgen receptor promotes prostate cancer metastasis by induction of epithelial-mesenchymal transition and reduction of KAT5 . <i>Cancer Science</i> , 2018, 109, 3564-3574.	3.9	29
13	Anhydrobiosis in yeast: Glutathione overproduction improves resistance to dehydration of a recombinant <i>Ogataea</i> (<i>Hansenula</i>) polymorpha strain. <i>Process Biochemistry</i> , 2018, 71, 41-44.	3.7	9
14	<i>S. cerevisiae</i> Mre11 recruits conjugated SUMO moieties to facilitate the assembly and function of the Mre11-Rad50-Xrs2 complex. <i>Nucleic Acids Research</i> , 2016, 44, 2199-2213.	14.5	21
15	Caffeic Acid Phenethyl Ester Is a Potential Therapeutic Agent for Oral Cancer. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10748-10766.	4.1	73
16	μ -(carboxymethyl) lysine-induced mitochondrial fission and mitophagy cause decreased insulin secretion from β -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E829-E839.	3.5	39
17	Low-dose ionizing radiation induces mitochondrial fusion and increases expression of mitochondrial complexes I and III in hippocampal neurons. <i>Oncotarget</i> , 2015, 6, 30628-30639.	1.8	37
18	Resveratrol Modulates Mitochondria Dynamics in Replicative Senescent Yeast Cells. <i>PLoS ONE</i> , 2014, 9, e104345.	2.5	15

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19	Long-term effects on carotid intima-media thickness after radiotherapy in patients with nasopharyngeal carcinoma. <i>Radiation Oncology</i> , 2013, 8, 261.	2.7	37
20	Long-term effects of neck irradiation on cardiovascular autonomic function: A study in nasopharyngeal carcinoma patients after radiotherapy. <i>Muscle and Nerve</i> , 2013, 47, 344-350.	2.2	27
21	Mitochondrial Fission Contributes to Mitochondrial Dysfunction and Insulin Resistance in Skeletal Muscle. <i>Molecular and Cellular Biology</i> , 2012, 32, 309-319.	2.3	515
22	Spt4 Is Selectively Required for Transcription of Extended Trinucleotide Repeats. <i>Cell</i> , 2012, 148, 690-701.	28.9	86
23	Mitochondria unite to survive. <i>Nature Cell Biology</i> , 2011, 13, 521-522.	10.3	55
24	Dynamic regulation of mitochondrial fission through modification of the dynamin-related protein Drp1. <i>Annals of the New York Academy of Sciences</i> , 2010, 1201, 34-39.	3.8	455
25	A Lethal de Novo Mutation in the Middle Domain of the Dynamin-related GTPase Drp1 Impairs Higher Order Assembly and Mitochondrial Division. <i>Journal of Biological Chemistry</i> , 2010, 285, 32494-32503.	3.4	155
26	SUMOylation of the mitochondrial fission protein Drp1 occurs at multiple nonconsensus sites within the B domain and is linked to its activity cycle. <i>FASEB Journal</i> , 2009, 23, 3917-3927.	0.5	166
27	Dephosphorylation by calcineurin regulates translocation of Drp1 to mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15803-15808.	7.1	938
28	Cyclic AMP-dependent Protein Kinase Phosphorylation of Drp1 Regulates Its GTPase Activity and Mitochondrial Morphology. <i>Journal of Biological Chemistry</i> , 2007, 282, 21583-21587.	3.4	652
29	Drp1 phosphorylation and mitochondrial regulation. <i>EMBO Reports</i> , 2007, 8, 1088-1089.	4.5	86
30	Targeting of cohesin by transcriptionally silent chromatin. <i>Genes and Development</i> , 2005, 19, 3031-3042.	5.9	102
31	Induction of bax protein and degradation of lamin A during p53-dependent apoptosis induced by chemotherapeutic agents in human cancer cell lines. <i>Biochemical Pharmacology</i> , 1999, 57, 143-154.	4.4	20