

Chuang-Rung Chang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5326851/publications.pdf>

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	Dephosphorylation by calcineurin regulates translocation of Drp1 to mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15803-15808.	7.1	938
2	Cyclic AMP-dependent Protein Kinase Phosphorylation of Drp1 Regulates Its GTPase Activity and Mitochondrial Morphology. Journal of Biological Chemistry, 2007, 282, 21583-21587.	3.4	652
3	Mitochondrial Fission Contributes to Mitochondrial Dysfunction and Insulin Resistance in Skeletal Muscle. Molecular and Cellular Biology, 2012, 32, 309-319.	2.3	515
4	Dynamic regulation of mitochondrial fission through modification of the dynamin-related protein Drp1. Annals of the New York Academy of Sciences, 2010, 1201, 34-39.	3.8	455
5	SUMOylation of the mitochondrial fission protein Drp1 occurs at multiple nonconsensus sites within the B domain and is linked to its activity cycle. FASEB Journal, 2009, 23, 3917-3927.	0.5	166
6	A Lethal de Novo Mutation in the Middle Domain of the Dynamin-related GTPase Drp1 Impairs Higher Order Assembly and Mitochondrial Division. Journal of Biological Chemistry, 2010, 285, 32494-32503.	3.4	155
7	Targeting of cohesin by transcriptionally silent chromatin. Genes and Development, 2005, 19, 3031-3042.	5.9	102
8	Drp1 phosphorylation and mitochondrial regulation. EMBO Reports, 2007, 8, 1088-1089.	4.5	86
9	Spt4 Is Selectively Required for Transcription of Extended Trinucleotide Repeats. Cell, 2012, 148, 690-701.	28.9	86
10	Caffeic Acid Phenethyl Ester Is a Potential Therapeutic Agent for Oral Cancer. International Journal of Molecular Sciences, 2015, 16, 10748-10766.	4.1	73
11	Mitochondria unite to survive. Nature Cell Biology, 2011, 13, 521-522.	10.3	55
12	Imiquimod-induced ROS production disrupts the balance of mitochondrial dynamics and increases mitophagy in skin cancer cells. Journal of Dermatological Science, 2020, 98, 152-162.	1.9	44
13	μ -(carboxymethyl) lysine-induced mitochondrial fission and mitophagy cause decreased insulin secretion from β -cells. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E829-E839.	3.5	39
14	Long-term effects on carotid intima-media thickness after radiotherapy in patients with nasopharyngeal carcinoma. Radiation Oncology, 2013, 8, 261.	2.7	37
15	Low-dose ionizing radiation induces mitochondrial fusion and increases expression of mitochondrial complexes I and III in hippocampal neurons. Oncotarget, 2015, 6, 30628-30639.	1.8	37
16	Elevation of androgen receptor promotes prostate cancer metastasis by induction of epithelial-mesenchymal transition and reduction of KAT5. Cancer Science, 2018, 109, 3564-3574.	3.9	29
17	Long-term effects of neck irradiation on cardiovascular autonomic function: A study in nasopharyngeal carcinoma patients after radiotherapy. Muscle and Nerve, 2013, 47, 344-350.	2.2	27
18	S. cerevisiae Mre11 recruits conjugated SUMO moieties to facilitate the assembly and function of the Mre11-Rad50-Xrs2 complex. Nucleic Acids Research, 2016, 44, 2199-2213.	14.5	21

#	ARTICLE	IF	CITATIONS
19	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
20	Resveratrol Modulates Mitochondria Dynamics in Replicative Senescent Yeast Cells. <i>PLoS ONE</i> , 2014, 9, e104345.	2.5	15
21	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
22	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
23	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
24	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
25	LC3A-mediated autophagy regulates lung cancer cell plasticity. <i>Autophagy</i> , 2022, 18, 921-934.	9.1	8
26	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
27	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
28	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
29	Changes in Energy Status of <i>Saccharomyces cerevisiae</i> Cells during Dehydration and Rehydration. <i>Microorganisms</i> , 2021, 9, 444.	3.6	2
30	Mitochondria dynamics and pathogenesis. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
31	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