

# Chung-Chih Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

450  
citations

759233

12  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Morphological Subtyping Reveals New Roles of Caspases in Mitochondrial Dynamics. PLoS Computational Biology, 2011, 7, e1002212.	3.2	110
2	Bax-PGAM5L-Drp1 complex is required for intrinsic apoptosis execution. Oncotarget, 2015, 6, 30017-30034.	1.8	88
3	Involvement of Rab3A in Vesicle Priming During Exocytosis: Interaction with Munc13 and Munc18. Traffic, 2011, 12, 1356-1370.	2.7	32
4	Boosting multiclass learning with repeating codes and weak detectors for protein subcellular localization. Bioinformatics, 2007, 23, 3374-3381.	4.1	30
5	Clinical Implications of HBV PreS/S Mutations and the Effects of PreS2 Deletion on Mitochondria, Liver Fibrosis, and Cancer Development. Hepatology, 2021, 74, 641-655.	7.3	27
6	An automated tracking system to measure the dynamic properties of vesicles in living cells. Microscopy Research and Technique, 2007, 70, 119-134.	2.2	24
7	Morphological control of mitochondria as the novel mechanism of <i>Gastrodia elata</i> in attenuating mutant huntingtin-induced protein aggregations. Phytomedicine, 2019, 59, 152756.	5.3	22
8	Visualization of Rab3A dissociation during exocytosis: A study by total internal reflection microscopy. Journal of Cellular Physiology, 2007, 211, 316-326.	4.1	20
9	GLUT10 maintains the integrity of major arteries through regulation of redox homeostasis and mitochondrial function. Human Molecular Genetics, 2018, 27, 307-321.	2.9	19
10	3D Imaging of Tapetal Mitochondria Suggests the Importance of Mitochondrial Fission in Pollen Growth. Plant Physiology, 2019, 180, 813-826.	4.8	18
11	Morphological filter improve the efficiency of automated tracking of secretory vesicles with various dynamic properties. Microscopy Research and Technique, 2009, 72, 639-649.	2.2	17
12	Soluble $\beta$ -synuclein facilitates priming and fusion by releasing $Ca^{2+}$ from thapsigargin-sensitive $Ca^{2+}$ pool in PC12 cells. Journal of Cell Science, 2018, 131, .	2.0	15
13	Impacts of Autophagy-Inducing Ingredient of Areca Nut on Tumor Cells. PLoS ONE, 2015, 10, e0128011.	2.5	13
14	Adaptive Image Enhancement for Fluorescence Microscopy. , 2010, , .		4
15	Automated recognition system to classify subcellular protein localizations in images of different cell lines acquired by different imaging systems. Microscopy Research and Technique, 2008, 71, 305-314.	2.2	3
16	Segmentation of mitochondria in fluorescence micrographs by SVM. , 2011, , .		3
17	Biomedical image compression with vector quantization algorithm. , 0, , .		2
18	3D image processing for mitochondria morphology variation analysis. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	2D-GolgiTrack™ a semi-automated tracking system to quantify morphological changes and dynamics of the Golgi apparatus and Golgi-derived membrane tubules. Medical and Biological Engineering and Computing, 2021, , 1.	2.8	1
20	Important numerical features for novel endoplasmic reticulum genes classification of protein localizations in micrographs. , 2011, , .		0
21	Development of a 2D Automated Tracking System to Characterize Golgi-Derived Membrane Tubule Fission and Fusion Dynamics. Journal of Medical and Biological Engineering, 2021, 41, 812-825.	1.8	0