Chung-Chih Lin

List of Publications by Year
in descending order

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	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
2	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
3	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
4	3D Imaging of Tapetal Mitochondria Suggests the Importance of Mitochondrial Fission in Pollen Growth. Plant Physiology, 2019, 180, 813-826.	4.8	18
5	Morphological control of mitochondria as the novel mechanism of Gastrodia elata in attenuating mutant huntingtin-induced protein aggregations. Phytomedicine, 2019, 59, 152756.	5.3	22
6	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
7	Soluble α-synuclein facilitates priming and fusion by releasing Ca2+ from thapsigargin-sensitive Ca2+ pool in PC12 cells. Journal of Cell Science, 2018, 131, .	2.0	15
8	Impacts of Autophagy-Inducing Ingredient of Areca Nut on Tumor Cells. PLoS ONE, 2015, 10, e0128011.	2.5	13
9	Bax-PGAM5L-Drp1 complex is required for intrinsic apoptosis execution. Oncotarget, 2015, 6, 30017-30034.	1.8	88
10	3D image processing for mitochondria morphology variation analysis. , 2014, , .		2
11	Important numerical features for novel endoplasmic reticulum genes classification of protein localizations in micrographs. , 2011, , .		0
12	Involvement of Rab3A in Vesicle Priming During Exocytosis: Interaction with Munc13–1 and Munc18–1. Traffic, 2011, 12, 1356-1370.	2.7	32
13	Segmentation of mitochondria in fluorescence micrographs by SVM. , 2011, , .		3
14	Automatic Morphological Subtyping Reveals New Roles of Caspases in Mitochondrial Dynamics. PLoS Computational Biology, 2011, 7, e1002212.	3.2	110
15	Adaptive Image Enhancement for Fluorescence Microscopy. , 2010, , .		4
16	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
17	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
18	Boosting multiclass learning with repeating codes and weak detectors for protein subcellular localization. Bioinformatics, 2007, 23, 3374-3381.	4.1	30

#	Article	IF	Citations
19	Visualization of Rab3A dissociation during exocytosis: A study by total internal reflection microscopy. Journal of Cellular Physiology, 2007, 211, 316-326.	4.1	20
20	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
21	Biomedical image compression with vector quantization algorithm. , 0, , .		2