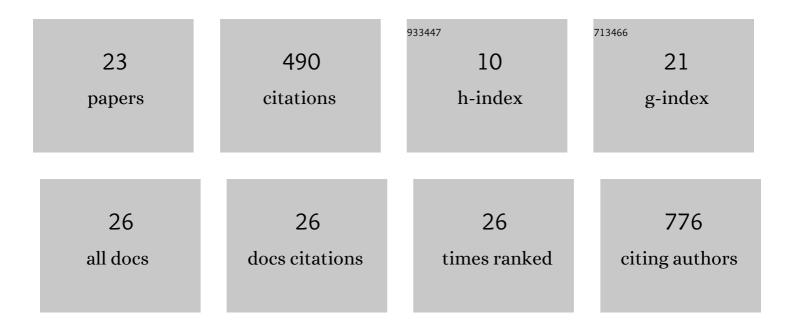
Delfine Cheng

List of Publications by Year in descending order

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DELEINE CHENC

#	Article	IF	CITATIONS
1	Piezo1 is the cardiac mechanosensor that initiates the cardiomyocyte hypertrophic response to pressure overload in adult mice. , 2022, 1, 577-591.		34
2	KCa3.1 Mediates Dysregulation of Mitochondrial Quality Control in Diabetic Kidney Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 573814.	3.7	10
3	Three-dimensional ultrastructure of giant mitochondria in human non-alcoholic fatty liver disease. Scientific Reports, 2021, 11, 3319.	3.3	51
4	Foreword to the special issue on zebrafish imaging: Emerging techniques and methodologies. Micron, 2020, 136, 102877.	2.2	0
5	Observation and characterisation of macrophages in zebrafish liver. Micron, 2020, 132, 102851.	2.2	7
6	Expedited large-volume 3-D SEM workflows for comparative microanatomical imaging. Methods in Cell Biology, 2019, 152, 23-39.	1.1	4
7	Albumin uptake and distribution in the zebrafish liver as observed via correlative imaging. Experimental Cell Research, 2019, 374, 162-171.	2.6	8
8	Cannabinoid-induced increase of quantal size and enhanced neuromuscular transmission. Scientific Reports, 2018, 8, 4685.	3.3	17
9	A-Band Titin Truncation in Zebrafish Causes Dilated Cardiomyopathy and Hemodynamic Stress Intolerance. Circulation Genomic and Precision Medicine, 2018, 11, e002135.	3.6	35
10	Silver Filler Pre-embedding to Enhance Resolution and Contrast in Multidimensional SEM: A Nanoscale Imaging Study on Liver Tissue. Methods in Molecular Biology, 2018, 1814, 561-576.	0.9	4
11	Relocation is the key to successful correlative fluorescence and scanning electron microscopy. Methods in Cell Biology, 2017, 140, 215-244.	1.1	5
12	Combined Multidimensional Microscopy as a Histopathology Imaging Tool. Journal of Cellular Physiology, 2017, 232, 249-256.	4.1	6
13	Polysialic Acid Regulates Sympathetic Outflow by Facilitating Information Transfer within the Nucleus of the Solitary Tract. Journal of Neuroscience, 2017, 37, 6558-6574.	3.6	8
14	Ultrastructural Mapping of the Zebrafish Gastrointestinal System as a Basis for Experimental Drug Studies. BioMed Research International, 2016, 2016, 1-13.	1.9	14
15	3-D EM exploration of the hepatic microarchitecture – lessons learned from large-volume in situ serial sectioning. Scientific Reports, 2016, 6, 36744.	3.3	14
16	Correlated light and electron microscopy observations of the uterine epithelial cell actin cytoskeleton using fluorescently labeled resin-embedded sections. Micron, 2016, 84, 61-66.	2.2	13
17	Thioredoxin interacting protein (TXNIP) regulates tubular autophagy and mitophagy in diabetic nephropathy through the mTOR signaling pathway. Scientific Reports, 2016, 6, 29196.	3.3	106
18	KCa3.1 mediates dysfunction of tubular autophagy in diabetic kidneys via PI3k/Akt/mTOR signaling pathways. Scientific Reports, 2016, 6, 23884.	3.3	60

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#	Article	IF	CITATIONS
19	Combining Wide-Field Super-Resolution Microscopy and Electron Tomography. Methods in Cell Biology, 2014, 124, 129-149.	1.1	3
20	Thioredoxin-interacting protein mediates dysfunction of tubular autophagy in diabetic kidneys through inhibiting autophagic flux. Laboratory Investigation, 2014, 94, 309-320.	3.7	50
21	Assessment of different fixation protocols on the presence of membrane-bound vesicles in Caco-2 cells: A multidimensional view by means of correlative light and 3-D transmission electron microscopy. Micron, 2014, 67, 20-29.	2.2	5
22	Application of transmission electron tomography for modeling the renal corpuscle. Pathology Research and Practice, 2013, 209, 731-734.	2.3	2
23	A36-dependent Actin Filament Nucleation Promotes Release of Vaccinia Virus. PLoS Pathogens, 2013, 9, e1003239.	4.7	34