

Delfine Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

490
citations

933447

10
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

776
citing authors

#	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. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 573814.	3.7	10
3	Three-dimensional ultrastructure of giant mitochondria in human non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2021, 11, 3319.	3.3	51
4	Foreword to the special issue on zebrafish imaging: Emerging techniques and methodologies. <i>Micron</i> , 2020, 136, 102877.	2.2	0
5	Observation and characterisation of macrophages in zebrafish liver. <i>Micron</i> , 2020, 132, 102851.	2.2	7
6	Expedited large-volume 3-D SEM workflows for comparative microanatomical imaging. <i>Methods in Cell Biology</i> , 2019, 152, 23-39.	1.1	4
7	Albumin uptake and distribution in the zebrafish liver as observed via correlative imaging. <i>Experimental Cell Research</i> , 2019, 374, 162-171.	2.6	8
8	Cannabinoid-induced increase of quantal size and enhanced neuromuscular transmission. <i>Scientific Reports</i> , 2018, 8, 4685.	3.3	17
9	A-Band Titin Truncation in Zebrafish Causes Dilated Cardiomyopathy and Hemodynamic Stress Intolerance. <i>Circulation Genomic and Precision Medicine</i> , 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. <i>Methods in Molecular Biology</i> , 2018, 1814, 561-576.	0.9	4
11	Relocation is the key to successful correlative fluorescence and scanning electron microscopy. <i>Methods in Cell Biology</i> , 2017, 140, 215-244.	1.1	5
12	Combined Multidimensional Microscopy as a Histopathology Imaging Tool. <i>Journal of Cellular Physiology</i> , 2017, 232, 249-256.	4.1	6
13	Polysialic Acid Regulates Sympathetic Outflow by Facilitating Information Transfer within the Nucleus of the Solitary Tract. <i>Journal of Neuroscience</i> , 2017, 37, 6558-6574.	3.6	8
14	Ultrastructural Mapping of the Zebrafish Gastrointestinal System as a Basis for Experimental Drug Studies. <i>BioMed Research International</i> , 2016, 2016, 1-13.	1.9	14
15	3-D EM exploration of the hepatic microarchitecture â€™ lessons learned from large-volume in situ serial sectioning. <i>Scientific Reports</i> , 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. <i>Micron</i> , 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. <i>Scientific Reports</i> , 2016, 6, 29196.	3.3	106
18	KCa3.1 mediates dysfunction of tubular autophagy in diabetic kidneys via PI3k/Akt/mTOR signaling pathways. <i>Scientific Reports</i> , 2016, 6, 23884.	3.3	60

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19	Combining Wide-Field Super-Resolution Microscopy and Electron Tomography. <i>Methods in Cell Biology</i> , 2014, 124, 129-149.	1.1	3
20	Thioredoxin-interacting protein mediates dysfunction of tubular autophagy in diabetic kidneys through inhibiting autophagic flux. <i>Laboratory Investigation</i> , 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. <i>Micron</i> , 2014, 67, 20-29.	2.2	5
22	Application of transmission electron tomography for modeling the renal corpuscle. <i>Pathology Research and Practice</i> , 2013, 209, 731-734.	2.3	2
23	A36-dependent Actin Filament Nucleation Promotes Release of Vaccinia Virus. <i>PLoS Pathogens</i> , 2013, 9, e1003239.	4.7	34