Pui-Ying Lam

List of Publications by Year
in descending order

24	1,273	586496 16	685536 24
papers	citations	h-index	g-index

25	25	25	2524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cell type specific gene expression profiling reveals a role for complement component C3 in neutrophil responses to tissue damage. Scientific Reports, 2020, 10, 15716.	1.6	16
2	TRPswitchâ€"A Step-Function Chemo-optogenetic Ligand for the Vertebrate TRPA1 Channel. Journal of the American Chemical Society, 2020, 142, 17457-17468.	6.6	20
3	Boholamide A, an APD-Class, Hypoxia-Selective Cyclodepsipeptide. Journal of Natural Products, 2020, 83, 1249-1257.	1.5	9
4	Cyp1 Inhibition Prevents Doxorubicinâ€Induced Cardiomyopathy in a Zebrafish Heartâ€Failure Model. ChemBioChem, 2020, 21, 1905-1910.	1.3	15
5	Efficient Front-Rear Coupling in Neutrophil Chemotaxis by Dynamic Myosin II Localization. Developmental Cell, 2019, 49, 189-205.e6.	3.1	59
6	Developing zebrafish disease models for in vivo small molecule screens. Current Opinion in Chemical Biology, 2019, 50, 37-44.	2.8	60
7	Filopodia and focal adhesions: An integrated system driving branching morphogenesis in neuronal pathfinding and angiogenesis. Developmental Biology, 2019, 451, 86-95.	0.9	56
8	Noncanonical translation via deadenylated 3â€² UTRs maintains primordial germ cells. Nature Chemical Biology, 2018, 14, 844-852.	3.9	5
9	Live imaging reveals distinct modes of neutrophil and macrophage migration within interstitial tissues. Journal of Cell Science, 2017, 130, 3801-3808.	1.2	95
10	A high-conductance chemo-optogenetic system based on the vertebrate channel Trpa1b. Scientific Reports, 2017, 7, 11839.	1.6	15
11	Macrophages mediate flagellin induced inflammasome activation and host defense in zebrafish. Cellular Microbiology, 2016, 18, 591-604.	1.1	72
12	In Vivo Imaging and Characterization of Actin Microridges. PLoS ONE, 2015, 10, e0115639.	1.1	64
13	Redox and Src family kinase signaling control leukocyte wound attraction and neutrophil reverse migration. Journal of Cell Biology, 2014, 207, 589-598.	2.3	119
14	Spinning Disk Confocal Imaging of Neutrophil Migration in Zebrafish. Methods in Molecular Biology, 2014, 1124, 219-233.	0.4	21
15	Interstitial leukocyte migration in vivo. Current Opinion in Cell Biology, 2013, 25, 650-658.	2.6	47
16	oddâ€skipped related 2 is required for fin chondrogenesis in zebrafish. Developmental Dynamics, 2013, 242, 1284-1292.	0.8	7
17	Heat Shock Modulates Neutrophil Motility in Zebrafish. PLoS ONE, 2013, 8, e84436.	1.1	26
18	The role of microtubules in neutrophil polarity and migration in live zebrafish. Journal of Cell Science, 2012, 125, 5702-5710.	1.2	70

#	Article	IF	Citations
19	The SH2-domain-containing inositol 5-phosphatase (SHIP) limits neutrophil motility and wound recruitment in zebrafish. Journal of Cell Science, 2012, 125, 4973-8.	1.2	48
20	The ADPKD genespkd1a/bandpkd2regulate extracellular matrix formation. DMM Disease Models and Mechanisms, 2010, 3, 354-365.	1.2	127
21	The ADPKD genes pkd1a/b and pkd2 regulate extracellular matrix formation. Development (Cambridge), 2010, 137, e1107-e1107.	1.2	1
22	Collective Cell Migration Drives Morphogenesis of the Kidney Nephron. PLoS Biology, 2009, 7, e1000009.	2.6	167
23	Inhibition of stored Ca²⁺ release disrupts convergenceâ€related cell movements in the lateral intermediate mesoderm resulting in abnormal positioning and morphology of the pronephric anlagen in intact zebrafish embryos. Development Growth and Differentiation, 2009, 51, 429-442.	0.6	11
24	Downregulation of AMP-activated protein kinase by Cidea-mediated ubiquitination and degradation in brown adipose tissue. EMBO Journal, 2008, 27, 1537-1548.	3.5	143