

Xavier Heiligenstein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9099104/publications.pdf>

Version: 2024-02-01

23
papers

1,178
citations

840585

11
h-index

713332

21
g-index

29
all docs

29
docs citations

29
times ranked

2454
citing authors

#	ARTICLE	IF	CITATIONS
1	BLOC-1 Brings Together the Actin and Microtubule Cytoskeletons to Generate Recycling Endosomes. <i>Current Biology</i> , 2016, 26, 1-13.	1.8	490
2	eC-CLEM: flexible multidimensional registration software for correlative microscopies. <i>Nature Methods</i> , 2017, 14, 102-103.	9.0	255
3	3D Correlative Cryo-Structured Illumination Fluorescence and Soft X-ray Microscopy Elucidates Reovirus Intracellular Release Pathway. <i>Cell</i> , 2020, 182, 515-530.e17.	13.5	73
4	<sc>LYST</sc> Controls the Biogenesis of the Endosomal Compartment Required for Secretory Lysosome Function. <i>Traffic</i> , 2015, 16, 191-203.	1.3	63
5	The post-abscission midbody is an intracellular signaling organelle that regulates cell proliferation. <i>Nature Communications</i> , 2019, 10, 3181.	5.8	53
6	Myosin VI and branched actin filaments mediate membrane constriction and fission of melanosomal tubule carriers. <i>Journal of Cell Biology</i> , 2018, 217, 2709-2726.	2.3	46
7	Analyzing Lysosome-Related Organelles by Electron Microscopy. <i>Methods in Molecular Biology</i> , 2017, 1594, 43-71.	0.4	33
8	The <sc>CryoCapsule</sc>: Simplifying Correlative Light to Electron Microscopy. <i>Traffic</i> , 2014, 15, 700-716.	1.3	29
9	Ultrastructural and dynamic studies of the endosomal compartment in Down syndrome. <i>Acta Neuropathologica Communications</i> , 2020, 8, 89.	2.4	27
10	PIKfyve complex regulates early melanosome homeostasis required for physiological amyloid formation. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	22
11	eC-CLEM. <i>Methods in Cell Biology</i> , 2017, 140, 335-352.	0.5	15
12	Catabolism of lysosome-related organelles in color-changing spiders supports intracellular turnover of pigments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
13	Cell Volume (3D) Correlative Microscopy Facilitated by Intracellular Fluorescent Nanodiamonds as Multi-Modal Probes. <i>Nanomaterials</i> , 2021, 11, 14.	1.9	9
14	eC-CLEM: Flexible Multidimensional Registration Software for Correlative Microscopies with Refined Accuracy Mapping. <i>Microscopy and Microanalysis</i> , 2017, 23, 360-361.	0.2	8
15	HPM live ¼ for a full CLEM workflow. <i>Methods in Cell Biology</i> , 2021, 162, 115-149.	0.5	7
16	One for All, All for One: A Close Look at In-Resin Fluorescence Protocols for CLEM. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	7
17	Correlative Light and Electron Microscopy for a Free-Floating Spindle in <i>Xenopus laevis</i> Egg Extracts. <i>Methods in Cell Biology</i> , 2014, 124, 111-128.	0.5	6
18	Illuminating the dark side of recycling endosomes. <i>Cell Cycle</i> , 2016, 15, 1309-1310.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Step by Step Manipulation of the CryoCapsule with HPM High Pressure Freezers. Methods in Cell Biology, 2014, 124, 259-274.	0.5	4
20	Yeast cells reveal the misfolding and the cellular mislocalisation of the human BRCA1 protein. Journal of Cell Science, 2016, 129, 4366-4378.	1.2	2
21	Intensity-based matching and registration for 3D correlative microscopy with large discrepancies. , 2018, , .		1
22	The HPM Live ¼“From Live Cell Imaging to High Pressure Freezing in Less than 2 Seconds for Correlative Microscopy Approaches. Microscopy and Microanalysis, 2017, 23, 1276-1277.	0.2	0
23	Automatic Registration of Correlative Microscopies with Error Assessment and Applications for the Optimization of Multimodal Acquisitions.. Microscopy and Microanalysis, 2019, 25, 1020-1021.	0.2	0