

Sahradha Albert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

769
citations

13
h-index

23
g-index

23
ext. papers

1,055
ext. citations

9
avg, IF

4.04
L-index

#	Paper	IF	Citations
20	Deep learning improves macromolecule identification in 3D cellular cryo-electron tomograms. <i>Nature Methods</i> , 2021 , 18, 1386-1394	21.6	9
19	Charting the native architecture of thylakoid membranes with single-molecule precision. <i>ELife</i> , 2020 , 9,	8.9	41
18	Direct visualization of degradation microcompartments at the ER membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1069-1080	11.5	37
17	Biogenic regions of cyanobacterial thylakoids form contact sites with the plasma membrane. <i>Nature Plants</i> , 2019 , 5, 436-446	11.5	66
16	A cryo-FIB lift-out technique enables molecular-resolution cryo-ET within native <i>Caenorhabditis elegans</i> tissue. <i>Nature Methods</i> , 2019 , 16, 757-762	21.6	90
15	VIPP1 rods engulf membranes containing phosphatidylinositol phosphates. <i>Scientific Reports</i> , 2019 , 9, 8725	4.9	19
14	In situ architecture of the algal nuclear pore complex. <i>Nature Communications</i> , 2018 , 9, 2361	17.4	76
13	Cryo-FIB Lamella Milling: A Comprehensive Technique to Prepare Samples of Both Plunge- and High-pressure Frozen-hydrated Specimens for in situ Studies.. <i>Microscopy and Microanalysis</i> , 2018 , 24, 820-821	0.5	0
12	Arthroblasts. <i>Soft Robotics</i> , 2017 , 4, 183-190	9.2	45
11	Dissecting the molecular organization of the translocon-associated protein complex. <i>Nature Communications</i> , 2017 , 8, 14516	17.4	82
10	Cryo-FIB Lift-out Sample Preparation Using a Novel Cryo-gripper Tool. <i>Microscopy and Microanalysis</i> , 2017 , 23, 844-845	0.5	2
9	Charting Molecular Landscapes Using Cryo-Electron Tomography. <i>Microscopy Today</i> , 2017 , 25, 26-31	0.4	
8	Proteasomes tether to two distinct sites at the nuclear pore complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13726-13731	11.5	79
7	The structure of the COPI coat determined within the cell. <i>ELife</i> , 2017 , 6,	8.9	94
6	Enabling and doing structural biology in situ 2016 , 113-113		
5	Cryo-FIB Sample Preparation for Cryo-ET With the Volta Phase Plate. <i>Microscopy and Microanalysis</i> , 2016 , 22, 72-73	0.5	
4	In situ structural analysis of Golgi intracisternal protein arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11264-9	11.5	83

- 3 Optofluidic rotation of living cells for single-cell tomography. *Journal of Biophotonics*, **2015**, 8, 239-46 3.1 23
- 2 Dynamically reconfigurable fibre optical spanner. *Lab on A Chip*, **2014**, 14, 1186-90 7.2 21
- 1 In situ architecture of the algal nuclear pore complex 1