

Sahradha Albert

List of Publications by Citations

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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	The structure of the COPI coat determined within the cell. <i>ELife</i> , 2017 , 6,	8.9	94
19	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
18	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
17	Dissecting the molecular organization of the translocon-associated protein complex. <i>Nature Communications</i> , 2017 , 8, 14516	17.4	82
16	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
15	In situ architecture of the algal nuclear pore complex. <i>Nature Communications</i> , 2018 , 9, 2361	17.4	76
14	Biogenic regions of cyanobacterial thylakoids form contact sites with the plasma membrane. <i>Nature Plants</i> , 2019 , 5, 436-446	11.5	66
13	Arthrobots. <i>Soft Robotics</i> , 2017 , 4, 183-190	9.2	45
12	Charting the native architecture of thylakoid membranes with single-molecule precision. <i>ELife</i> , 2020 , 9,	8.9	41
11	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
10	Optofluidic rotation of living cells for single-cell tomography. <i>Journal of Biophotonics</i> , 2015 , 8, 239-46	3.1	23
9	Dynamically reconfigurable fibre optical spanner. <i>Lab on A Chip</i> , 2014 , 14, 1186-90	7.2	21
8	VIPP1 rods engulf membranes containing phosphatidylinositol phosphates. <i>Scientific Reports</i> , 2019 , 9, 8725	4.9	19
7	Deep learning improves macromolecule identification in 3D cellular cryo-electron tomograms. <i>Nature Methods</i> , 2021 , 18, 1386-1394	21.6	9
6	Cryo-FIB Lift-out Sample Preparation Using a Novel Cryo-gripper Tool. <i>Microscopy and Microanalysis</i> , 2017 , 23, 844-845	0.5	2
5	In situ architecture of the algal nuclear pore complex		1
4	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

3 Enabling and doing structural biology in situ **2016**, 113-113

2 Charting Molecular Landscapes Using Cryo-Electron Tomography. *Microscopy Today*, **2017**, 25, 26-31 0.4

1 Cryo-FIB Sample Preparation for Cryo-ET With the Volta Phase Plate. *Microscopy and Microanalysis*, **2016**, 22, 72-73 0.5