

Alexander Rigort

List of Publications by Year in descending order

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15
papers

1,961
citations

858243

12
h-index

1113639

15
g-index

17
all docs

17
docs citations

17
times ranked

2506
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Gas Injection System-Free Cryo-FIB Lift-Out Transfer for Cryo-Electron Tomography of Multicellular Organisms and Tissues. <i>Microscopy Today</i> , 2022, 30, 42-47.	0.2	15
2	Advanced cryo-electron tomography workflow developments – correlative microscopy, milling automation and cryo-lift-out. <i>Journal of Microscopy</i> , 2021, 281, 112-124.	0.8	51
3	New Scios Cryo™ - Dedicated FIB/SEM for Advanced Cryo-Lamella Preparation in Structural Biology. <i>Microscopy and Microanalysis</i> , 2017, 23, 14-15.	0.2	0
4	Imaging of Vitrified Biological Specimens by Confocal Cryo-Fluorescence Microscopy and Cryo-FIB/SEM Tomography. <i>Microscopy and Microanalysis</i> , 2015, 21, 1121-1122.	0.2	3
5	Cryo-focused-ion-beam applications in structural biology. <i>Archives of Biochemistry and Biophysics</i> , 2015, 581, 122-130.	1.4	102
6	Cryo-electron tomography: The challenge of doing structural biology in situ. <i>Journal of Cell Biology</i> , 2013, 202, 407-419.	2.3	337
7	Focused ion beam micromachining of eukaryotic cells for cryoelectron tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4449-4454.	3.3	356
8	Automated segmentation of electron tomograms for a quantitative description of actin filament networks. <i>Journal of Structural Biology</i> , 2012, 177, 135-144.	1.3	186
9	Integrative Approaches for Cellular Cryo-electron Tomography. <i>Methods in Cell Biology</i> , 2012, 111, 259-281.	0.5	59
10	Micromachining tools and correlative approaches for cellular cryo-electron tomography. <i>Journal of Structural Biology</i> , 2010, 172, 169-179.	1.3	230
11	Correlative cryo-light microscopy and cryo-electron tomography: from cellular territories to molecular landscapes. <i>Current Opinion in Biotechnology</i> , 2009, 20, 83-89.	3.3	100
12	Correlative microscopy: Bridging the gap between fluorescence light microscopy and cryo-electron tomography. <i>Journal of Structural Biology</i> , 2007, 160, 135-145.	1.3	356
13	Cell migration: mechanisms of rear detachment and the formation of migration tracks. <i>European Journal of Cell Biology</i> , 2004, 83, 717-724.	1.6	118
14	Release of integrin macroaggregates as a mechanism of rear detachment during keratinocyte migration. <i>European Journal of Cell Biology</i> , 2004, 83, 725-733.	1.6	16
15	The secretory β 2-amyloid precursor protein is a motogen for human epidermal keratinocytes. <i>European Journal of Cell Biology</i> , 2002, 81, 664-676.	1.6	27