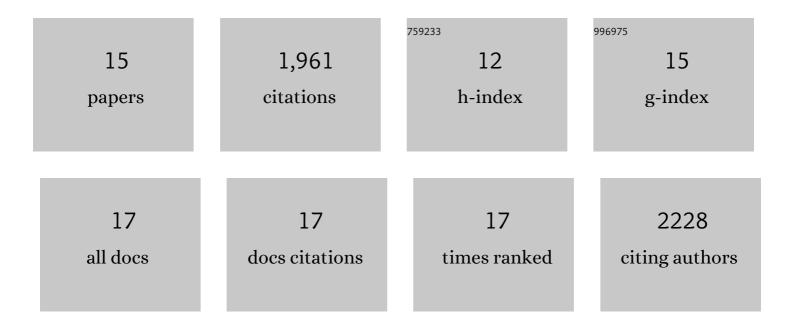
Alexander Rigort

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Correlative microscopy: Bridging the gap between fluorescence light microscopy and cryo-electron tomography. Journal of Structural Biology, 2007, 160, 135-145.	2.8	356
2	Focused ion beam micromachining of eukaryotic cells for cryoelectron tomography. Proceedings of the United States of America, 2012, 109, 4449-4454.	7.1	356
3	Cryo-electron tomography: The challenge of doing structural biology in situ. Journal of Cell Biology, 2013, 202, 407-419.	5.2	337
4	Micromachining tools and correlative approaches for cellular cryo-electron tomography. Journal of Structural Biology, 2010, 172, 169-179.	2.8	230
5	Automated segmentation of electron tomograms for a quantitative description of actin filament networks. Journal of Structural Biology, 2012, 177, 135-144.	2.8	186
6	Cell migration: mechanisms of rear detachment and the formation of migration tracks. European Journal of Cell Biology, 2004, 83, 717-724.	3.6	118
7	Cryo-focused-ion-beam applications in structural biology. Archives of Biochemistry and Biophysics, 2015, 581, 122-130.	3.0	102
8	Correlative cryo-light microscopy and cryo-electron tomography: from cellular territories to molecular landscapes. Current Opinion in Biotechnology, 2009, 20, 83-89.	6.6	100
9	Integrative Approaches for Cellular Cryo-electron Tomography. Methods in Cell Biology, 2012, 111, 259-281.	1.1	59
10	Advanced cryoâ€tomography workflow developments – correlative microscopy, milling automation and cryoâ€liftâ€out. Journal of Microscopy, 2021, 281, 112-124.	1.8	51
11	The secretory β-amyloid precursor protein is a motogen for human epidermal keratinocytes. European Journal of Cell Biology, 2002, 81, 664-676.	3.6	27
12	Release of integrin macroaggregates as a mechanism of rear detachment during keratinocyte migration. European Journal of Cell Biology, 2004, 83, 725-733.	3.6	16
13	Recent Advances in Gas Injection System-Free Cryo-FIB Lift-Out Transfer for Cryo-Electron Tomography of Multicellular Organisms and Tissues. Microscopy Today, 2022, 30, 42-47.	0.3	15
14	Imaging of Vitrified Biological Specimens by Confocal Cryo-Fluorescence Microscopy and Cryo-FIB/SEM Tomography. Microscopy and Microanalysis, 2015, 21, 1121-1122.	0.4	3
15	New Scios CryoTM - Dedicated FIB/SEM for Advanced Cryo-Lamella Preparation in Structural Biology. Microscopy and Microanalysis, 2017, 23, 14-15.	0.4	Ο