

# Christian Tischer

## 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.

18  
papers

465  
citations

13  
h-index

21  
g-index

22  
ext. papers

770  
ext. citations

21  
avg. IF

3.2  
L-index

#	Paper	IF	Citations
18	High-speed fluorescence image-enabled cell sorting.. <i>Science</i> , <b>2022</b> , 375, 315-320	33.3	16
17	An integrated multiomic and quantitative label-free microscopy-based approach to study pro-fibrotic signalling in human precision-cut lung slices. <i>European Respiratory Journal</i> , <b>2021</b> , 58,	13.6	5
16	OME-NGFF: a next-generation file format for expanding bioimaging data-access strategies. <i>Nature Methods</i> , <b>2021</b> , 18, 1496-1498	21.6	13
15	An open-source semi-automated robotics pipeline for embryo immunohistochemistry. <i>Scientific Reports</i> , <b>2021</b> , 11, 10314	4.9	1
14	REMBI: Recommended Metadata for Biological Images-enabling reuse of microscopy data in biology. <i>Nature Methods</i> , <b>2021</b> , 18, 1418-1422	21.6	16
13	Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera: A semi-quantitative, high throughput, microscopy-based assay expands existing approaches to measure SARS-CoV-2 specific antibody levels in human sera. <i>BioEssays</i> , <b>2021</b> , 43, e2000257	4.1	10
12	Dense and pleiotropic regulatory information in a developmental enhancer. <i>Nature</i> , <b>2020</b> , 587, 235-239	50.4	16
11	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 853-866.e5	23.4	76
10	Quantification of Mouse Hematopoietic ProgenitorsVFormation Using Time-lapse Microscopy and Image Analysis. <i>Bio-protocol</i> , <b>2019</b> , 9,	0.9	1
9	Nuclear Pores Assemble from Nucleoporin Condensates During Oogenesis. <i>Cell</i> , <b>2019</b> , 179, 671-686.e17	56.2	40
8	The Small Non-coding Vault RNA1-1 Acts as a Riboregulator of Autophagy. <i>Cell</i> , <b>2019</b> , 176, 1054-1067.e13	56.2	73
7	A RAB35-p85/PI3K axis controls oscillatory apical protrusions required for efficient chemotactic migration. <i>Nature Communications</i> , <b>2018</b> , 9, 1475	17.4	16
6	Acetylated tubulin is essential for touch sensation in mice. <i>ELife</i> , <b>2016</b> , 5,	8.9	51
5	A quantitative liposome microarray to systematically characterize protein-lipid interactions. <i>Nature Methods</i> , <b>2014</b> , 11, 47-50	21.6	66
4	Adaptive fluorescence microscopy by online feedback image analysis. <i>Methods in Cell Biology</i> , <b>2014</b> , 123, 489-503	1.8	14
3	Determination and correction of position detection nonlinearity in single particle tracking and three-dimensional scanning probe microscopy. <i>Microscopy and Microanalysis</i> , <b>2004</b> , 10, 425-34	0.5	15
2	Lateral phosphorylation propagation: an aspect of feedback signalling?. <i>Nature Reviews Molecular Cell Biology</i> , <b>2003</b> , 4, 971-4	48.7	26

1 OME-NGFF: scalable format strategies for interoperable bioimaging data

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