

Arne Seitz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4795569/publications.pdf>

Version: 2024-02-01

23
papers

1,357
citations

623734

14
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	DeconvolutionLab2: An open-source software for deconvolution microscopy. <i>Methods</i> , 2017, 115, 28-41.	3.8	417
2	Single-molecule investigation of the interference between kinesin, tau and MAP2c. <i>EMBO Journal</i> , 2002, 21, 4896-4905.	7.8	216
3	Processive movement of single kinesins on crowded microtubules visualized using quantum dots. <i>EMBO Journal</i> , 2006, 25, 267-277.	7.8	134
4	Antibodies Trap Tissue Migrating Helminth Larvae and Prevent Tissue Damage by Driving IL-4R β -Independent Alternative Differentiation of Macrophages. <i>PLoS Pathogens</i> , 2013, 9, e1003771.	4.7	95
5	Dynamic Remodeling of the Endosomal System During Formation of <i>Salmonella</i> -Induced Filaments by Intracellular <i>Salmonella enterica</i> . <i>Traffic</i> , 2008, 9, 2100-2116.	2.7	87
6	A formin-nucleated actin aster concentrates cell wall hydrolases for cell fusion in fission yeast. <i>Journal of Cell Biology</i> , 2015, 208, 897-911.	5.2	65
7	Hookworms Evade Host Immunity by Secreting a Deoxyribonuclease to Degrade Neutrophil Extracellular Traps. <i>Cell Host and Microbe</i> , 2020, 27, 277-289.e6.	11.0	53
8	QUAREP-LiMi: a community endeavor to advance quality assessment and reproducibility in light microscopy. <i>Nature Methods</i> , 2021, 18, 1423-1426.	19.0	44
9	Automated analysis of single stem cells in microfluidic traps. <i>Lab on A Chip</i> , 2012, 12, 2843.	6.0	42
10	Correlative multicolor 3D SIM and STORM microscopy. <i>Biomedical Optics Express</i> , 2014, 5, 3326.	2.9	37
11	T Cell-Mediated Transport of Polymer Nanoparticles across the Blood-Brain Barrier. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001375.	7.6	36
12	QUAREP-LiMi: A community-driven initiative to establish guidelines for quality assessment and reproducibility for instruments and images in light microscopy. <i>Journal of Microscopy</i> , 2021, 284, 56-73.	1.8	33
13	Antibody-Mediated Trapping of Helminth Larvae Requires CD11b and Fc γ 3 Receptor I. <i>Journal of Immunology</i> , 2015, 194, 1154-1163.	0.8	30
14	A novel transmembrane domain mediating retention of a highly motile herpesvirus glycoprotein in the endoplasmic reticulum. <i>Journal of General Virology</i> , 2010, 91, 1524-1534.	2.9	19
15	Open Source Tools for Biological Image Analysis. <i>Methods in Molecular Biology</i> , 2019, 2040, 23-37.	0.9	10
16	Quantifying the influence of yellow fluorescent protein photoconversion on acceptor photobleaching-based fluorescence resonance energy transfer measurements. <i>Journal of Biomedical Optics</i> , 2012, 17, 011010.	2.6	8
17	Cellular Uptake and Intracellular Trafficking of Poly(<i>N</i> -(2-Hydroxypropyl) Methacrylamide). <i>Biomacromolecules</i> , 2019, 20, 231-242.	5.4	8
18	Biotin-NeutrAvidin Mediated Immobilization of Polymer Micro- and Nanoparticles on T Lymphocytes. <i>Bioconjugate Chemistry</i> , 2021, 32, 541-552.	3.6	6

#	ARTICLE	IF	CITATIONS
19	High-Throughput Microscopy Using Live Mammalian Cells. Cold Spring Harbor Protocols, 2010, 2010, pdb.top84.	0.3	5
20	Development of Sample-Adaptable Holders for Lightsheet Microscopy. Frontiers in Neuroanatomy, 2019, 13, 26.	1.7	5
21	TRACMIT: An effective pipeline for tracking and analyzing cells on micropatterns through mitosis. PLoS ONE, 2017, 12, e0179752.	2.5	5
22	DEVILS: a tool for the visualization of large datasets with a high dynamic range. F1000Research, 2020, 9, 1380.	1.6	0
23	DEVILS: a tool for the visualization of large datasets with a high dynamic range. F1000Research, 2020, 9, 1380.	1.6	0