

Timo Zimmermann

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,796
citations

566801

15
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

4434
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt Induces LRP6 Signalosomes and Promotes Dishevelled-Dependent LRP6 Phosphorylation. <i>Science</i> , 2007, 316, 1619-1622.	6.0	774
2	Spectral imaging and its applications in live cell microscopy. <i>FEBS Letters</i> , 2003, 546, 87-92.	1.3	443
3	Kinesin-dependent movement on microtubules precedes actin-based motility of vaccinia virus. <i>Nature Cell Biology</i> , 2001, 3, 992-1000.	4.6	270
4	Spectral imaging and linear un-mixing enables improved FRET efficiency with a novel GFP2-YFP FRET pair. <i>FEBS Letters</i> , 2002, 531, 245-249.	1.3	215
5	Spectral Imaging and Linear Unmixing in Light Microscopy. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2005, 95, 245-265.	0.6	200
6	Real-time, in vivo analysis of malaria ookinete locomotion and mosquito midgut invasion. <i>Cellular Microbiology</i> , 2004, 6, 671-685.	1.1	171
7	A Robust and Highly Efficient Immune Cell Reprogramming System. <i>Cell Stem Cell</i> , 2009, 5, 554-566.	5.2	145
8	Secretory Cargo Regulates the Turnover of COPII Subunits at Single ER Exit Sites. <i>Current Biology</i> , 2006, 16, 173-179.	1.8	126
9	ADF/Cofilin Regulates Secretory Cargo Sorting at the TGN via the Ca ²⁺ ATPase SPCA1. <i>Developmental Cell</i> , 2011, 20, 652-662.	3.1	88
10	Clearing Up the Signal: Spectral Imaging and Linear Unmixing in Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2014, 1075, 129-148.	0.4	79
11	Use of Autostitch for automatic stitching of microscope images. <i>Micron</i> , 2007, 38, 492-499.	1.1	75
12	Engineering of weak helper interactions for high-efficiency FRET probes. <i>Nature Methods</i> , 2013, 10, 1021-1027.	9.0	62
13	The Evolution and Development of Neural Superposition. <i>Journal of Neurogenetics</i> , 2014, 28, 216-232.	0.6	34
14	Genetically Encoded Sender-Receiver System in 3D Mammalian Cell Culture. <i>ACS Synthetic Biology</i> , 2014, 3, 264-272.	1.9	30
15	Simultaneous Detection of Two GFP Spectral Mutants During In Vivo Confocal Microscopy of Migrating <i>Dictyostelium</i> Cells. <i>BioTechniques</i> , 1998, 24, 458-461.	0.8	16
16	Imaging Platforms for Measurement of Membrane Trafficking. <i>Methods in Enzymology</i> , 2005, 404, 8-18.	0.4	15
17	Fluorescence resonance energy transfer (FRET)-based subcellular visualization of pathogen-induced host receptor signaling. <i>BMC Biology</i> , 2009, 7, 81.	1.7	13
18	Quantification of ErbB Network Proteins in Three Cell Types Using Complementary Approaches Identifies Cell-General and Cell-Type-Specific Signaling Proteins. <i>Journal of Proteome Research</i> , 2014, 13, 300-313.	1.8	12

#	ARTICLE	IF	CITATIONS
19	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.	1.4	8
20	Grb14 Is a Negative Regulator of CEACAM3-mediated Phagocytosis of Pathogenic Bacteria. <i>Journal of Biological Chemistry</i> , 2012, 287, 39158-39170.	1.6	7
21	4D confocal microscopy of Dictyostelium discoideum morphogenesis and its presentation on the Internet. <i>Development Genes and Evolution</i> , 1998, 208, 411-420.	0.4	6
22	Photobleaching and Sensitized Emission-Based Methods for the Detection of Förster Resonance Energy Transfer. <i>Methods in Molecular Biology</i> , 2019, 2040, 235-274.	0.4	4
23	Detection and Quantification of Protein-Microtubules Interactions Using Green Fluorescent Protein Photoconversion. <i>Traffic</i> , 2006, 7, 1283-1289.	1.3	3