

Laura Carolina Zanetti-Domingues

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.

27
papers

623
citations

13
h-index

24
g-index

28
ext. papers

854
ext. citations

6.3
avg, IF

3.4
L-index

#	Paper	IF	Citations
27	Correlative multi-scale cryo-imaging unveils SARS-CoV-2 assembly and egress. <i>Nature Communications</i> , 2021 , 12, 4629	17.4	24
26	Serial cryoFIB/SEM Reveals Cytoarchitectural Disruptions in Leigh Syndrome Patient Cells. <i>Structure</i> , 2021 , 29, 82-87.e3	5.2	10
25	Correlative Multi-scale Cryo-imaging Unveils SARS-CoV-2 Assembly and Egress 2021 ,		1
24	Cooperation and Interplay between EGFR Signalling and Extracellular Vesicle Biogenesis in Cancer. <i>Cells</i> , 2020 , 9,	7.9	5
23	SARS-CoV-2 Assembly and Egress Pathway Revealed by Correlative Multi-modal Multi-scale Cryo-imaging 2020 ,		5
22	Mechanisms of Action of EGFR Tyrosine Kinase Receptor Incorporated in Extracellular Vesicles. <i>Cells</i> , 2020 , 9,	7.9	4
21	A global sampler of single particle tracking solutions for single molecule microscopy. <i>PLoS ONE</i> , 2019 , 14, e0221865	3.7	1
20	Solid immersion microscopy images cells under cryogenic conditions with 12 nm resolution. <i>Communications Biology</i> , 2019 , 2, 74	6.7	27
19	Structure and Dynamics of the EGF Receptor as Revealed by Experiments and Simulations and Its Relevance to Non-Small Cell Lung Cancer. <i>Cells</i> , 2019 , 8,	7.9	15
18	Super-resolution Microscopy at Cryogenic Temperatures Using Solid Immersion Lenses. <i>Bio-protocol</i> , 2019 , 9, e3426	0.9	2
17	Inhibitor-induced HER2-HER3 heterodimerisation promotes proliferation through a novel dimer interface. <i>ELife</i> , 2018 , 7,	8.9	36
16	Cluster Analysis of Endogenous HER2 and HER3 Receptors in SKBR3 Cells. <i>Bio-protocol</i> , 2018 , 8, e3096	0.9	5
15	High-Resolution Microscopy for Structural Studies of Biological Systems in Cells 2018 , 1-10		
14	The architecture of EGFR γ basal complexes reveals autoinhibition mechanisms in dimers and oligomers. <i>Nature Communications</i> , 2018 , 9, 4325	17.4	37
13	Affimer proteins are versatile and renewable affinity reagents. <i>ELife</i> , 2017 , 6,	8.9	103
12	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. <i>Nature Communications</i> , 2016 , 7, 13307	17.4	91
11	A tale of the epidermal growth factor receptor: The quest for structural resolution on cells. <i>Methods</i> , 2016 , 95, 86-93	4.6	13

10	Determining the geometry of oligomers of the human epidermal growth factor family on cells with 7nm resolution. <i>Progress in Biophysics and Molecular Biology</i> , 2015 , 118, 139-52	4.7	3
9	Determining the geometry of oligomers of the human epidermal growth factor family on cells with . <i>Biochemical Society Transactions</i> , 2015 , 43, 309-14	5.1	4
8	Nanometric molecular separation measurements by single molecule photobleaching. <i>Methods</i> , 2015 , 88, 76-80	4.6	7
7	Structure-function relationships and supramolecular organization of the EGFR (epidermal growth factor receptor) on the cell surface. <i>Biochemical Society Transactions</i> , 2014 , 42, 114-9	5.1	16
6	Measuring EGFR separations on cells with ~10 nm resolution via fluorophore localization imaging with photobleaching. <i>PLoS ONE</i> , 2013 , 8, e62331	3.7	32
5	Hydrophobic fluorescent probes introduce artifacts into single molecule tracking experiments due to non-specific binding. <i>PLoS ONE</i> , 2013 , 8, e74200	3.7	104
4	A systematic investigation of differential effects of cell culture substrates on the extent of artifacts in single-molecule tracking. <i>PLoS ONE</i> , 2012 , 7, e45655	3.7	17
3	Multicolour single molecule imaging on cells using a supercontinuum source. <i>Biomedical Optics Express</i> , 2012 , 3, 400-6	3.5	13
2	Secretome compartment is a valuable source of biomarkers for cancer-relevant pathways. <i>Journal of Proteome Research</i> , 2011 , 10, 4196-207	5.6	40
1	Optics clustered to output unique solutions: a multi-laser facility for combined single molecule and ensemble microscopy. <i>Review of Scientific Instruments</i> , 2011 , 82, 093705	1.7	8