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List of Publications by Citations

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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.

32
papers

1,932
citations

17
h-index

43
g-index

43
ext. papers

2,207
ext. citations

13.3
avg, IF

4.4
L-index

#	Paper	IF	Citations
32	Visualization of ER-to-Golgi transport in living cells reveals a sequential mode of action for COPII and COPI. <i>Cell</i> , 1997 , 90, 1137-48	56.2	444
31	High-throughput fluorescence microscopy for systems biology. <i>Nature Reviews Molecular Cell Biology</i> , 2006 , 7, 690-6	48.7	324
30	Genome-wide RNAi screening identifies human proteins with a regulatory function in the early secretory pathway. <i>Nature Cell Biology</i> , 2012 , 14, 764-74	23.4	141
29	Identification of cholesterol-regulating genes by targeted RNAi screening. <i>Cell Metabolism</i> , 2009 , 10, 63-75	24.6	129
28	Secretory cargo regulates the turnover of COPII subunits at single ER exit sites. <i>Current Biology</i> , 2006 , 16, 173-9	6.3	116
27	High-throughput fluorescence correlation spectroscopy enables analysis of proteome dynamics in living cells. <i>Nature Biotechnology</i> , 2015 , 33, 384-9	44.5	112
26	Membrane Dynamics in the Early Secretory Pathway. <i>Critical Reviews in Plant Sciences</i> , 2007 , 26, 199-225	5.6	90
25	Characterization of drug-induced transcriptional modules: towards drug repositioning and functional understanding. <i>Molecular Systems Biology</i> , 2013 , 9, 662	12.2	86
24	PtdIns(3)P-bound UVRAG coordinates Golgi-ER retrograde and Atg9 transport by differential interactions with the ER tether and the beclin1 complex. <i>Nature Cell Biology</i> , 2013 , 15, 1206-1219	23.4	71
23	Work flow for multiplexing siRNA assays by solid-phase reverse transfection in multiwell plates. <i>Journal of Biomolecular Screening</i> , 2008 , 13, 575-80		67
22	Intracellular distribution of mammalian protein kinase A catalytic subunit altered by conserved Asn2 deamidation. <i>Journal of Cell Biology</i> , 2000 , 148, 715-26	7.3	66
21	An RNAi screening platform to identify secretion machinery in mammalian cells. <i>Journal of Biotechnology</i> , 2007 , 129, 352-65	3.7	47
20	Profiling DNA damage response following mitotic perturbations. <i>Nature Communications</i> , 2016 , 7, 13887	17.4	33
19	PIP2 induces the recycling of receptor tyrosine kinases. <i>Science Signaling</i> , 2014 , 7, ra5	8.8	30
18	The endosomal transcriptional regulator RNF11 integrates degradation and transport of EGFR. <i>Journal of Cell Biology</i> , 2016 , 215, 543-558	7.3	29
17	A novel laser nanosurgery approach supports de novo Golgi biogenesis in mammalian cells. <i>Journal of Cell Science</i> , 2011 , 124, 978-87	5.3	21
16	Quantitative 3D-imaging for cell biology and ecology of environmental microbial eukaryotes. <i>ELife</i> , 2017 , 6,	8.9	20

15	A correlative light and electron microscopy method based on laser micropatterning and etching. <i>Methods in Molecular Biology</i> , 2008 , 457, 203-13	1.4	16
14	A Fluorescent Live Imaging Screening Assay Based on Translocation Criteria Identifies Novel Cytoplasmic Proteins Implicated in G Protein-coupled Receptor Signaling Pathways. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1385-99	7.6	15
13	Adaptive fluorescence microscopy by online feedback image analysis. <i>Methods in Cell Biology</i> , 2014 , 123, 489-503	1.8	14
12	Imaging platforms for measurement of membrane trafficking. <i>Methods in Enzymology</i> , 2005 , 404, 8-18	1.7	12
11	A microtubule-independent role of p150glued in secretory cargo concentration at endoplasmic reticulum exit sites. <i>Journal of Cell Science</i> , 2015 , 128, 4160-70	5.3	9
10	Inhibition of calpain 1 restores plasma membrane stability to pharmacologically rescued Phe508del-CFTR variant. <i>Journal of Biological Chemistry</i> , 2019 , 294, 13396-13410	5.4	9
9	One step ahead: Innovation in core facilities. <i>EMBO Reports</i> , 2019 , 20,	6.5	7
8	Positive feedback between Golgi membranes, microtubules and ER exit sites directs de novo biogenesis of the Golgi. <i>Journal of Cell Science</i> , 2014 , 127, 4620-33	5.3	6
7	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> , 2021 , 58,	13.6	5
6	GM130 and p115 play a key role in the organisation of the early secretory pathway during skeletal muscle differentiation. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	4
5	BigDataProcessor2: A free and open-source Fiji plugin for inspection and processing of TB sized image data		2
4	Let there be light-at the right place. <i>Nature Biotechnology</i> , 2016 , 34, 1246-1247	44.5	2
3	CLEMSite, a software for automated phenotypic screens using light microscopy and FIB-SEM		1
2	A laser-mediated photo-manipulative toolbox for generation and real-time monitoring of DNA lesions. <i>STAR Protocols</i> , 2021 , 2, 100700	1.4	1
1	A High Through-Put Screen Identifies MCP-1 (CCL2) As a Novel Regulator of Iron Homeostasis and a Modifier of Hereditary Hemochromatosis Disease Severity. <i>Blood</i> , 2011 , 118, 685-685	2.2	