

Nike Walther

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.

13 papers	834 citations	8 h-index	17 g-index
17 ext. papers	1,195 ext. citations	13.6 avg, IF	3.8 L-index

#	Paper	IF	Citations
13	Determining cellular CTCF and cohesin abundances to constrain 3D genome models. <i>ELife</i> , 2019 , 8,	8.9	59
12	Absolute quantification of cohesin, CTCF and their regulators in human cells. <i>ELife</i> , 2019 , 8,	8.9	44
11	A quantitative map of human Condensins provides new insights into mitotic chromosome architecture. <i>Journal of Cell Biology</i> , 2018 , 217, 2309-2328	7.3	89
10	Quantitative live and super-resolution microscopy of mitotic chromosomes. <i>Methods in Cell Biology</i> , 2018 , 145, 65-90	1.8	5
9	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , 2018 , 561, 411-415	50.4	65
8	Quantitative mapping of fluorescently tagged cellular proteins using FCS-calibrated four-dimensional imaging. <i>Nature Protocols</i> , 2018 , 13, 1445-1464	18.8	41
7	Generation and validation of homozygous fluorescent knock-in cells using CRISPR-Cas9 genome editing. <i>Nature Protocols</i> , 2018 , 13, 1465-1487	18.8	58
6	Real-Time Imaging of a Single Gene Reveals Transcription-Initiated Local Confinement. <i>Biophysical Journal</i> , 2017 , 113, 1383-1394	2.9	98
5	Topologically associating domains and chromatin loops depend on cohesin and are regulated by CTCF, WAPL, and PDS5 proteins. <i>EMBO Journal</i> , 2017 , 36, 3573-3599	13	360
4	A quantitative map of human Condensins provides new insights into mitotic chromosome architecture		2
3	Generation and validation of homozygous fluorescent knock-in cells using CRISPR/Cas9 genome editing		4
2	Quantitative mapping of fluorescently tagged cellular proteins using FCS-calibrated four dimensional imaging		4
1	Experimental and computational framework for a dynamic protein atlas of human cell division		3