Nike Walther

List of Publications by Year in Descending Order

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. *ELife*, **2019**, 8,	8.9	59
12	Absolute quantification of cohesin, CTCF and their regulators in human cells. *ELife*, **2019**, 8,	8.9	44
11	A quantitative map of human Condensins provides new insights into mitotic chromosome architecture. *Journal of Cell Biology*, **2018**, 217, 2309-2328	7.3	89
10	Quantitative live and super-resolution microscopy of mitotic chromosomes. *Methods in Cell Biology*, **2018**, 145, 65-90	1.8	5
9	Experimental and computational framework for a dynamic protein atlas of human cell division. *Nature*, **2018**, 561, 411-415	50.4	65
8	Quantitative mapping of fluorescently tagged cellular proteins using FCS-calibrated four-dimensional imaging. *Nature Protocols*, **2018**, 13, 1445-1464	18.8	41
7	Generation and validation of homozygous fluorescent knock-in cells using CRISPR-Cas9 genome editing. *Nature Protocols*, **2018**, 13, 1465-1487	18.8	58
6	Real-Time Imaging of a Single Gene Reveals Transcription-Initiated Local Confinement. *Biophysical Journal*, **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. *EMBO Journal*, **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