

Birgit Koch

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.

15
papers

986
citations

11
h-index

16
g-index

16
ext. papers

1,349
ext. citations

17.7
avg, IF

3.91
L-index

#	Paper	IF	Citations
15	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
14	High-throughput fluorescence correlation spectroscopy enables analysis of proteome dynamics in living cells. <i>Nature Biotechnology</i> , 2015 , 33, 384-9	44.5	112
13	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. <i>ELife</i> , 2016 , 5,	8.9	107
12	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
11	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , 2018 , 561, 411-415	50.4	65
10	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
9	Absolute quantification of cohesin, CTCF and their regulators in human cells. <i>ELife</i> , 2019 , 8,	8.9	44
8	The nucleoporin MEL-28 promotes RanGTP-dependent β -tubulin recruitment and microtubule nucleation in mitotic spindle formation. <i>Nature Communications</i> , 2014 , 5, 3270	17.4	43
7	Quantitative mapping of fluorescently tagged cellular proteins using FCS-calibrated four-dimensional imaging. <i>Nature Protocols</i> , 2018 , 13, 1445-1464	18.8	41
6	Comparative assessment of fluorescent transgene methods for quantitative imaging in human cells. <i>Molecular Biology of the Cell</i> , 2014 , 25, 3610-8	3.5	38
5	Multivariate Control of Transcript to Protein Variability in Single Mammalian Cells. <i>Cell Systems</i> , 2018 , 7, 398-411.e6	10.6	17
4	Quantitative mapping of fluorescently tagged cellular proteins using FCS-calibrated four dimensional imaging		4
3	Experimental and computational framework for a dynamic protein atlas of human cell division		3
2	A quantitative map of human Condensins provides new insights into mitotic chromosome architecture		2
1	A quantitative map of nuclear pore assembly reveals two distinct mechanisms		2