

Birgit Koch

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,540
citations

840119

11
h-index

1281420

11
g-index

16
all docs

16
docs citations

16
times ranked

2499
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.5	620
2	A quantitative map of human Condensins provides new insights into mitotic chromosome architecture. <i>Journal of Cell Biology</i> , 2018, 217, 2309-2328.	2.3	151
3	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. <i>ELife</i> , 2016, 5, .	2.8	143
4	High-throughput fluorescence correlation spectroscopy enables analysis of proteome dynamics in living cells. <i>Nature Biotechnology</i> , 2015, 33, 384-389.	9.4	142
5	Generation and validation of homozygous fluorescent knock-in cells using CRISPR-Cas9 genome editing. <i>Nature Protocols</i> , 2018, 13, 1465-1487.	5.5	99
6	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , 2018, 561, 411-415.	13.7	98
7	Absolute quantification of cohesin, CTCF and their regulators in human cells. <i>ELife</i> , 2019, 8, .	2.8	79
8	Quantitative mapping of fluorescently tagged cellular proteins using FCS-calibrated four-dimensional imaging. <i>Nature Protocols</i> , 2018, 13, 1445-1464.	5.5	64
9	The nucleoporin MEL-28 promotes RanGTP-dependent β -tubulin recruitment and microtubule nucleation in mitotic spindle formation. <i>Nature Communications</i> , 2014, 5, 3270.	5.8	56
10	Comparative assessment of fluorescent transgene methods for quantitative imaging in human cells. <i>Molecular Biology of the Cell</i> , 2014, 25, 3610-3618.	0.9	50
11	Multivariate Control of Transcript to Protein Variability in Single Mammalian Cells. <i>Cell Systems</i> , 2018, 7, 398-411.e6.	2.9	24