

Bianca Nijmeijer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6907439/publications.pdf>

Version: 2024-02-01

15
papers

3,090
citations

623734

14
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

5087
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanog safeguards pluripotency and mediates germline development. <i>Nature</i> , 2007, 450, 1230-1234.	27.8	1,354
2	A macrodomain-containing histone rearranges chromatin upon sensing PARP1 activation. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 923-929.	8.2	382
3	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , 2019, 16, 1045-1053.	19.0	236
4	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , 2018, 15, 367-369.	19.0	234
5	Structural basis of histone H2A-H2B recognition by the essential chaperone FACT. <i>Nature</i> , 2013, 499, 111-114.	27.8	159
6	Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. <i>Science</i> , 2018, 361, 189-193.	12.6	118
7	Recognition of Mono-ADP-Ribosylated ARTD10 Substrates by ARTD8 Macrodomains. <i>Structure</i> , 2013, 21, 462-475.	3.3	107
8	Generation and validation of homozygous fluorescent knock-in cells using CRISPR-Cas9 genome editing. <i>Nature Protocols</i> , 2018, 13, 1465-1487.	12.0	99
9	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , 2018, 561, 411-415.	27.8	98
10	The pluripotency rheostat Nanog functions as a dimer. <i>Biochemical Journal</i> , 2008, 411, 227-231.	3.7	89
11	Direct Visualization of Single Nuclear Pore Complex Proteins Using Genetically Encoded Probes for DNA-PAIN. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13004-13008.	13.8	77
12	Photoactivation of silicon rhodamines via a light-induced protonation. <i>Nature Communications</i> , 2019, 10, 4580.	12.8	48
13	Three-dimensional superresolution fluorescence microscopy maps the variable molecular architecture of the nuclear pore complex. <i>Molecular Biology of the Cell</i> , 2021, 32, 1523-1533.	2.1	37
14	ARHGEF17 is an essential spindle assembly checkpoint factor that targets Mps1 to kinetochores. <i>Journal of Cell Biology</i> , 2016, 212, 647-659.	5.2	20
15	Direct Visualization of Single Nuclear Pore Complex Proteins Using Genetically Encoded Probes for DNA-PAIN. <i>Angewandte Chemie</i> , 2019, 131, 13138-13142.	2.0	16