

# Bianca Nijmeijer

## List of Publications by Year in descending order

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

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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	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
2	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
3	Photoactivation of silicon rhodamines via a light-induced protonation. <i>Nature Communications</i> , 2019, 10, 4580.	12.8	48
4	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
5	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , 2019, 16, 1045-1053.	19.0	236
6	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , 2018, 15, 367-369.	19.0	234
7	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , 2018, 561, 411-415.	27.8	98
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	Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. <i>Science</i> , 2018, 361, 189-193.	12.6	118
10	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
11	Recognition of Mono-ADP-Ribosylated ARTD10 Substrates by ARTD8 Macrodomains. <i>Structure</i> , 2013, 21, 462-475.	3.3	107
12	Structural basis of histone H2A-H2B recognition by the essential chaperone FACT. <i>Nature</i> , 2013, 499, 111-114.	27.8	159
13	A macrodomain-containing histone rearranges chromatin upon sensing PARP1 activation. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 923-929.	8.2	382
14	The pluripotency rheostat Nanog functions as a dimer. <i>Biochemical Journal</i> , 2008, 411, 227-231.	3.7	89
15	Nanog safeguards pluripotency and mediates germline development. <i>Nature</i> , 2007, 450, 1230-1234.	27.8	1,354