

# Bianca Nijmeijer

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6907439/bianca-nijmeijer-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

2,356  
citations

13  
h-index

22  
g-index

22  
ext. papers

2,821  
ext. citations

20.5  
avg. IF

4.25  
L-index

#	Paper	IF	Citations
19	Three-dimensional superresolution fluorescence microscopy maps the variable molecular architecture of the nuclear pore complex. <i>Molecular Biology of the Cell</i> , <b>2021</b> , 32, 1523-1533	3.5	7
18	Direct Visualization of Single Nuclear Pore Complex Proteins Using Genetically-Encoded Probes for DNA-PAINT. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13138-13142	3.6	13
17	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , <b>2019</b> , 16, 1045-1053	21.6	105
16	Direct Visualization of Single Nuclear Pore Complex Proteins Using Genetically-Encoded Probes for DNA-PAINT. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13004-13008	16.4	57
15	Photoactivation of silicon rhodamines via a light-induced protonation. <i>Nature Communications</i> , <b>2019</b> , 10, 4580	17.4	19
14	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , <b>2018</b> , 15, 367-369	21.6	133
13	Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. <i>Science</i> , <b>2018</b> , 361, 189-193	33.3	72
12	Experimental and computational framework for a dynamic protein atlas of human cell division. <i>Nature</i> , <b>2018</b> , 561, 411-415	50.4	65
11	Generation and validation of homozygous fluorescent knock-in cells using CRISPR-Cas9 genome editing. <i>Nature Protocols</i> , <b>2018</b> , 13, 1465-1487	18.8	58
10	ARHGEF17 is an essential spindle assembly checkpoint factor that targets Mps1 to kinetochores. <i>Journal of Cell Biology</i> , <b>2016</b> , 212, 647-59	7.3	14
9	Recognition of mono-ADP-ribosylated ARTD10 substrates by ARTD8 macrodomains. <i>Structure</i> , <b>2013</b> , 21, 462-75	5.2	80
8	Structural basis of histone H2A-H2B recognition by the essential chaperone FACT. <i>Nature</i> , <b>2013</b> , 499, 111-4	50.4	132
7	A macrodomain-containing histone rearranges chromatin upon sensing PARP1 activation. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 923-9	17.6	341
6	The pluripotency rheostat Nanog functions as a dimer. <i>Biochemical Journal</i> , <b>2008</b> , 411, 227-31	3.8	77
5	Nanog safeguards pluripotency and mediates germline development. <i>Nature</i> , <b>2007</b> , 450, 1230-4	50.4	1174
4	Fast, robust and precise 3D localization for arbitrary point spread functions		1
3	3D super-resolution fluorescence microscopy maps the variable molecular architecture of the Nuclear Pore Complex		1

- 2 Experimental and computational framework for a dynamic protein atlas of human cell division 3
- 1 Nuclear pores as versatile reference standards for quantitative superresolution microscopy 4