

# Stefan Golfier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4658383/publications.pdf>

Version: 2024-02-01

9  
papers

1,320  
citations

1040056

9  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time deformability cytometry: on-the-fly cell mechanical phenotyping. <i>Nature Methods</i> , 2015, 12, 199-202.	19.0	580
2	Extracting Cell Stiffness from Real-Time Deformability Cytometry: Theory and Experiment. <i>Biophysical Journal</i> , 2015, 109, 2023-2036.	0.5	193
3	Cohesin and condensin extrude DNA loops in a cell cycle-dependent manner. <i>ELife</i> , 2020, 9, .	6.0	158
4	Myosin II Activity Softens Cells in Suspension. <i>Biophysical Journal</i> , 2015, 108, 1856-1869.	0.5	96
5	Sequence-dependent surface condensation of a pioneer transcription factor on DNA. <i>Nature Physics</i> , 2022, 18, 271-276.	16.7	73
6	Engineering complex communities by directed evolution. <i>Nature Ecology and Evolution</i> , 2021, 5, 1011-1023.	7.8	54
7	Force generation by proteinâ€“DNA co-condensation. <i>Nature Physics</i> , 2021, 17, 1007-1012.	16.7	51
8	Highâ€“throughput cell mechanical phenotyping for labelâ€“free titration assays of cytoskeletal modifications. <i>Cytoskeleton</i> , 2017, 74, 283-296.	2.0	49
9	Spindle Scaling Is Governed by Cell Boundary Regulation of Microtubule Nucleation. <i>Current Biology</i> , 2020, 30, 4973-4983.e10.	3.9	38