

# Anna-Lena Cost

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8060630/publications.pdf>

Version: 2024-02-01

8  
papers

496  
citations

1162367

8  
h-index

1588620

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplexing molecular tension sensors reveals piconewton force gradient across talin-1. <i>Nature Methods</i> , 2017, 14, 1090-1096.	9.0	120
2	How to Measure Molecular Forces in Cells: A Guide to Evaluating Genetically-Encoded FRET-Based Tension Sensors. <i>Cellular and Molecular Bioengineering</i> , 2015, 8, 96-105.	1.0	103
3	Mechanical loading of desmosomes depends on the magnitude and orientation of external stress. <i>Nature Communications</i> , 2018, 9, 5284.	5.8	78
4	A small proportion of Talin molecules transmit forces at developing muscle attachments in vivo. <i>PLoS Biology</i> , 2019, 17, e3000057.	2.6	65
5	The Piconewton Force Awakens: Quantifying Mechanics in Cells. <i>Trends in Cell Biology</i> , 2016, 26, 838-847.	3.6	60
6	Plectin-mediated cytoskeletal crosstalk controls cell tension and cohesion in epithelial sheets. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	26
7	Metavinculin modulates force transduction in cell adhesion sites. <i>Nature Communications</i> , 2020, 11, 6403.	5.8	21
8	Genetically Encoded FRET-Based Tension Sensors. <i>Current Protocols in Cell Biology</i> , 2019, 83, e85.	2.3	19