

# GÃ¶ker ArpaÄ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5694773/publications.pdf>

Version: 2024-02-01

12  
papers

439  
citations

1040056

9  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human CLASP2 specifically regulates microtubule catastrophe and rescue. <i>Molecular Biology of the Cell</i> , 2018, 29, 1168-1177.	2.1	85
2	Transport by Populations of Fast and Slow Kinesins Uncovers Novel Family-Dependent Motor Characteristics Important for In Vivo Function. <i>Biophysical Journal</i> , 2014, 107, 1896-1904.	0.5	83
3	A Perspective on the Role of Myosins as Mechanosensors. <i>Biophysical Journal</i> , 2016, 110, 2568-2576.	0.5	64
4	Motor Dynamics Underlying Cargo Transport by Pairs of Kinesin-1 and Kinesin-3 Motors. <i>Biophysical Journal</i> , 2019, 116, 1115-1126.	0.5	45
5	Microtubule minus-end stability is dictated by the tubulin off-rate. <i>Journal of Cell Biology</i> , 2019, 218, 2841-2853.	5.2	35
6	XMAP215 promotes microtubule catastrophe by disrupting the growing microtubule end. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	32
7	Force Generation by Membrane-Associated Myosin-I. <i>Scientific Reports</i> , 2016, 6, 25524.	3.3	28
8	Phosphoinositide-mediated ring anchoring resists perpendicular forces to promote medial cytokinesis. <i>Journal of Cell Biology</i> , 2017, 216, 3041-3050.	5.2	24
9	Collective effects of XMAP215, EB1, CLASP2, and MCAK lead to robust microtubule treadmilling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12847-12855.	7.1	14
10	SSNA1 stabilizes dynamic microtubules and detects microtubule damage. <i>ELife</i> , 2021, 10, .	6.0	14
11	Microtubules regulate pancreatic $\beta$ -cell heterogeneity via spatiotemporal control of insulin secretion hot spots. <i>ELife</i> , 2021, 10, .	6.0	11
12	An ensemble approach to the evolution of complex systems. <i>Journal of Biosciences</i> , 2014, 39, 259-280.	1.1	1