

# Zhanghan Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12061997/publications.pdf>

Version: 2024-02-01

9  
papers

305  
citations

1163117

8  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

588  
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane shape-mediated wave propagation of cortical protein dynamics. Nature Communications, 2018, 9, 136.	12.8	77
2	Two Distinct Actin Networks Mediate Traction Oscillations to Confer Focal Adhesion Mechanosensing. Biophysical Journal, 2017, 112, 780-794.	0.5	54
3	Epigenetic state network approach for describing cell phenotypic transitions. Interface Focus, 2014, 4, 20130068.	3.0	51
4	Network Topologies and Dynamics Leading to Endotoxin Tolerance and Priming in Innate Immune Cells. PLoS Computational Biology, 2012, 8, e1002526.	3.2	51
5	Comparative Studies of Microtubule Mechanics with Two Competing Models Suggest Functional Roles of Alternative Tubulin Lateral Interactions. Biophysical Journal, 2012, 102, 2687-2696.	0.5	20
6	Functional Roles of Slow Enzyme Conformational Changes in Network Dynamics. Biophysical Journal, 2012, 103, 1052-1059.	0.5	17
7	Simulations of Tubulin Sheet Polymers as Possible Structural Intermediates in Microtubule Assembly. PLoS ONE, 2009, 4, e7291.	2.5	22
8	Amplification and Detection of Single-Molecule Conformational Fluctuation through a Protein Interaction Network with Bimodal Distributions. Journal of Physical Chemistry B, 2009, 113, 12375-12381.	2.6	12
9	Slow Protein Conformational Change, Allostery and Network Dynamics. , 0, , .		1