

# Timothy Travers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7231284/publications.pdf>

Version: 2024-02-01

13  
papers

329  
citations

933264

10  
h-index

1125617

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular recognition of RAS/RAF complex at the membrane: Role of RAF cysteine-rich domain. <i>Scientific Reports</i> , 2018, 8, 8461.	1.6	71
2	Machine learning-driven multiscale modeling reveals lipid-dependent dynamics of RAS signaling proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	44
3	Switch Loop Flexibility Affects Substrate Transport of the AcrB Efflux Pump. <i>Journal of Molecular Biology</i> , 2017, 429, 3863-3874.	2.0	33
4	Extensive Citrullination Promotes Immunogenicity of HSP90 through Protein Unfolding and Exposure of Cryptic Epitopes. <i>Journal of Immunology</i> , 2016, 197, 1926-1936.	0.4	32
5	Dynamics of Intact MexAB-OprM Efflux Pump: Focusing on the MexA-OprM Interface. <i>Scientific Reports</i> , 2017, 7, 16521.	1.6	30
6	Tandem phosphorylation within an intrinsically disordered region regulates ACTN4 function. <i>Science Signaling</i> , 2015, 8, ra51.	1.6	25
7	Modeling the Assembly of the Multiple Domains of $\beta$ -actinin-4 and Its Role in Actin Cross-linking. <i>Biophysical Journal</i> , 2013, 104, 705-715.	0.2	22
8	Snails In Silico: A Review of Computational Studies on the Conopeptides. <i>Marine Drugs</i> , 2019, 17, 145.	2.2	21
9	The carboxyl tail of alpha-actinin-4 regulates its susceptibility to m-calpain and thus functions in cell migration and spreading. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1051-1063.	1.2	15
10	Anionic Lipids Impact RAS-Binding Site Accessibility and Membrane Binding Affinity of CRAF RBD-CRD. <i>Biophysical Journal</i> , 2020, 119, 525-538.	0.2	13
11	Combinatorial diversity of Syk recruitment driven by its multivalent engagement with $Fc\mu R1^3$ . <i>Molecular Biology of the Cell</i> , 2019, 30, 2331-2347.	0.9	11
12	Sequence- and structure-based computational analyses of Gram-negative tripartite efflux pumps in the context of bacterial membranes. <i>Research in Microbiology</i> , 2018, 169, 414-424.	1.0	6
13	Graph-Directed Approach for Downselecting Toxins for Experimental Structure Determination. <i>Marine Drugs</i> , 2020, 18, 256.	2.2	4