

# Zev A Ripstein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8904869/publications.pdf>

Version: 2024-02-01

13  
papers

588  
citations

932766

10  
h-index

1125271

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a AAA+ unfoldase in the process of unfolding substrate. <i>ELife</i> , 2017, 6, .	2.8	119
2	A processive rotary mechanism couples substrate unfolding and proteolysis in the ClpXP degradation machinery. <i>ELife</i> , 2020, 9, .	2.8	94
3	Electron-event representation data enable efficient cryoEM file storage with full preservation of spatial and temporal resolution. <i>IUCrj</i> , 2020, 7, 860-869.	1.0	71
4	Shake-it-off: a simple ultrasonic cryo-EM specimen-preparation device. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 1063-1070.	1.1	58
5	Reversible inhibition of the ClpP protease via an N-terminal conformational switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6447-E6456.	3.3	56
6	Unfolding the mechanism of the AAA+ unfoldase VAT by a combined cryo-EM, solution NMR study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4190-9.	3.3	55
7	An allosteric switch regulates <i>Mycobacterium tuberculosis</i> ClpP1P2 protease function as established by cryo-EM and methyl-TROSY NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5895-5906.	3.3	47
8	Cooperative subunit dynamics modulate p97 function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 158-167.	3.3	31
9	An intrinsically disordered motif regulates the interaction between the p47 adaptor and the p97 AAA+ ATPase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26226-26236.	3.3	19
10	A pH-Dependent Conformational Switch Controls <i>N. meningitidis</i> ClpP Protease Function. <i>Journal of the American Chemical Society</i> , 2020, 142, 20519-20523.	6.6	12
11	Competing stress-dependent oligomerization pathways regulate self-assembly of the periplasmic protease-chaperone DegP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
12	Probing Cooperativity of N-terminal Domain Orientations in the p97 Molecular Machine: Synergy Between NMR Spectroscopy and Cryo-EM. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22423-22426.	7.2	4
13	Probing Cooperativity of N-terminal Domain Orientations in the p97 Molecular Machine: Synergy Between NMR Spectroscopy and Cryo-EM. <i>Angewandte Chemie</i> , 2020, 132, 22609-22612.	1.6	1