

Zongyang Lv

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,259
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structures of an E1–E2–ubiquitin thioester mimetic reveal molecular mechanisms of transthioesterification. <i>Nature Communications</i> , 2021, 12, 2370.	12.8	14
2	A molecular sensor determines the ubiquitin substrate specificity of SARS-CoV-2 papain-like protease. <i>Cell Reports</i> , 2021, 36, 109754.	6.4	30
3	Targeting SARS-CoV-2 Proteases for COVID-19 Antiviral Development. <i>Frontiers in Chemistry</i> , 2021, 9, 819165.	3.6	51
4	Activity profiling and crystal structures of inhibitor-bound SARS-CoV-2 papain-like protease: A framework for anti-“COVID-19 drug design. <i>Science Advances</i> , 2020, 6, .	10.3	344
5	UFM1-Activating Enzyme 5 (Uba5) Requires an Extension to Get the Job Done Right. <i>Journal of Molecular Biology</i> , 2019, 431, 479-482.	4.2	1
6	Molecular mechanism of a covalent allosteric inhibitor of SUMO E1 activating enzyme. <i>Nature Communications</i> , 2018, 9, 5145.	12.8	46
7	Crystal structure of a human ubiquitin E1–ubiquitin complex reveals conserved functional elements essential for activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 18337-18352.	3.4	45
8	S.Âpombe Uba1-Ubc15 Structure Reveals a Novel Regulatory Mechanism of Ubiquitin E2 Activity. <i>Molecular Cell</i> , 2017, 65, 699-714.e6.	9.7	40
9	Structural insights into the mechanism and E2 specificity of the RBR E3 ubiquitin ligase HHARI. <i>Nature Communications</i> , 2017, 8, 211.	12.8	42
10	Domain alternation and active site remodeling are conserved structural features of ubiquitin E1. <i>Journal of Biological Chemistry</i> , 2017, 292, 12089-12099.	3.4	22
11	Protomer Roles in Chloroplast Chaperonin Assembly and Function. <i>Molecular Plant</i> , 2015, 8, 1478-1492.	8.3	33
12	Crystal structure and nucleotide selectivity of human IFIT5/ISG58. <i>Cell Research</i> , 2013, 23, 1055-1058.	12.0	30
13	Structural and Functional Insights into <i>Saccharomyces cerevisiae</i> Riboflavin Biosynthesis Reductase RIB7. <i>PLoS ONE</i> , 2013, 8, e61249.	2.5	4
14	Structural insights into protein arginine symmetric dimethylation by PRMT5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20538-20543.	7.1	120
15	Crystal structure of an avian influenza polymerase PAN reveals an endonuclease active site. <i>Nature</i> , 2009, 458, 909-913.	27.8	437