

Zhizhi Wang

List of Publications by Year in descending order

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22
papers

1,580
citations

471061

17
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676716

22
g-index

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all docs

22
docs citations

22
times ranked

2920
citing authors

#	ARTICLE	IF	CITATIONS
1	MeCP2 Suppresses Nuclear MicroRNA Processing and Dendritic Growth by Regulating the DGCR8/Drosha Complex. <i>Developmental Cell</i> , 2014, 28, 547-560.	3.1	211
2	Recognition of the <i>iso</i> -ADP-ribose moiety in poly(ADP-ribose) by WWE domains suggests a general mechanism for poly(ADP-ribosyl)ation-dependent ubiquitination. <i>Genes and Development</i> , 2012, 26, 235-240.	2.7	205
3	Allosteric activation of the RNF146 ubiquitin ligase by a poly(ADP-ribosyl)ation signal. <i>Nature</i> , 2015, 517, 223-226.	13.7	177
4	Activation of tumor suppressor protein PP2A inhibits KRAS-driven tumor growth. <i>Journal of Clinical Investigation</i> , 2017, 127, 2081-2090.	3.9	155
5	Robust design and optimization of retroaldol enzymes. <i>Protein Science</i> , 2012, 21, 717-726.	3.1	137
6	Selective PP2A Enhancement through Biased Heterotrimer Stabilization. <i>Cell</i> , 2020, 181, 688-701.e16.	13.5	107
7	Crystal structure of a membrane-bound O-acyltransferase. <i>Nature</i> , 2018, 562, 286-290.	13.7	87
8	Oncoprotein <i>CIP</i> 2A is stabilized via interaction with tumor suppressor <i>PP</i> 2A/B56. <i>EMBO Reports</i> , 2017, 18, 437-450.	2.0	84
9	Streptavidin and its biotin complex at atomic resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 813-821.	2.5	83
10	Crystal structure of a PP2A B56-BubR1 complex and its implications for PP2A substrate recruitment and localization. <i>Protein and Cell</i> , 2016, 7, 516-526.	4.8	70
11	The Highly Recurrent PP2A $\hat{\pm}$ -Subunit Mutation P179R Alters Protein Structure and Impairs PP2A Enzyme Function to Promote Endometrial Tumorigenesis. <i>Cancer Research</i> , 2019, 79, 4242-4257.	0.4	37
12	Structural basis of the Norrin-Frizzled 4 interaction. <i>Cell Research</i> , 2015, 25, 1078-1081.	5.7	33
13	Structural Basis of the Interaction between Tuberous Sclerosis Complex 1 (TSC1) and Tre2-Bub2-Cdc16 Domain Family Member 7 (TBC1D7). <i>Journal of Biological Chemistry</i> , 2016, 291, 8591-8601.	1.6	31
14	Crystal structure of the yeast TSC1 core domain and implications for tuberous sclerosis pathological mutations. <i>Nature Communications</i> , 2013, 4, 2135.	5.8	24
15	Crystallographic and Biochemical Analysis of the Mouse Poly(ADP-Ribose) Glycohydrolase. <i>PLoS ONE</i> , 2014, 9, e86010.	1.1	24
16	Identification of ICAT as an APC Inhibitor, Revealing Wnt-Dependent Inhibition of APC-Axin Interaction. <i>Molecular Cell</i> , 2018, 72, 37-47.e4.	4.5	24
17	Inactivation of PP2A by a recurrent mutation drives resistance to MEK inhibitors. <i>Oncogene</i> , 2020, 39, 703-717.	2.6	24
18	Crystal structure of a tankyrase $\hat{\pm}$ telomere repeat factor 1 complex. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 320-327.	0.4	19

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19	Small molecule Photoregulin3 prevents retinal degeneration in the RhoP23H mouse model of retinitis pigmentosa. <i>ELife</i> , 2017, 6, .	2.8	19
20	Crystal structure of human LDB1 in complex with SSBP2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1042-1048.	3.3	18
21	Crystal structure of the LUF3 domain of human single-stranded DNA binding Protein 2 (SSBP2). <i>Protein Science</i> , 2019, 28, 788-793.	3.1	8
22	Biochemical and Biophysical Assays of PAR-WWE Domain Interactions and Production of iso-ADPr for PAR-Binding Analysis. <i>Methods in Molecular Biology</i> , 2018, 1813, 65-73.	0.4	3