

Zhizhi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,580
citations

471061

17
h-index

676716

22
g-index

22
all docs

22
docs citations

22
times ranked

2920
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Inactivation of PP2A by a recurrent mutation drives resistance to MEK inhibitors. <i>Oncogene</i> , 2020, 39, 703-717. | 2.6 | 24 |
| 2 | 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 |
| 3 | Selective PP2A Enhancement through Biased Heterotrimer Stabilization. <i>Cell</i> , 2020, 181, 688-701.e16. | 13.5 | 107 |
| 4 | Crystal structure of the LUF5 domain of human single-stranded DNA binding Protein 2 (SSBP2). <i>Protein Science</i> , 2019, 28, 788-793. | 3.1 | 8 |
| 5 | The Highly Recurrent PP2A A \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 |
| 6 | Crystal structure of a membrane-bound O-acyltransferase. <i>Nature</i> , 2018, 562, 286-290. | 13.7 | 87 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Small molecule Photoregulin3 prevents retinal degeneration in the RhoP23H mouse model of retinitis pigmentosa. <i>ELife</i> , 2017, 6, . | 2.8 | 19 |
| 11 | Activation of tumor suppressor protein PP2A inhibits KRAS-driven tumor growth. <i>Journal of Clinical Investigation</i> , 2017, 127, 2081-2090. | 3.9 | 155 |
| 12 | Crystal structure of a tankyrase telomere repeat factor 1 complex. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 320-327. | 0.4 | 19 |
| 13 | 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 |
| 14 | 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 |
| 15 | Structural basis of the Norrin-Frizzled 4 interaction. <i>Cell Research</i> , 2015, 25, 1078-1081. | 5.7 | 33 |
| 16 | Allosteric activation of the RNF146 ubiquitin ligase by a poly(ADP-ribosyl)ation signal. <i>Nature</i> , 2015, 517, 223-226. | 13.7 | 177 |
| 17 | Crystallographic and Biochemical Analysis of the Mouse Poly(ADP-Ribose) Glycohydrolase. <i>PLoS ONE</i> , 2014, 9, e86010. | 1.1 | 24 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Robust design and optimization of retroaldol enzymes. <i>Protein Science</i> , 2012, 21, 717-726. | 3.1 | 137 |
| 22 | Streptavidin and its biotin complex at atomic resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 813-821. | 2.5 | 83 |