

# CITATION REPORT

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## A Potent and Selective PARP11 Inhibitor Suggests Coupling between Cellular Localization and Catalytic Activity

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Cell Chemical Biology, 2018, 25, 1547-1553.e12.

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#	Paper	IF	Citations
46	Small-Molecule Inhibitors of PARPs: From Tools for Investigating ADP-Ribosylation to Therapeutics. <i>Current Topics in Microbiology and Immunology</i> , <b>2019</b> , 420, 211-231	3.3	11
45	ADP-ribosyl-binding and hydrolase activities of the alphavirus nsP3 macrodomain are critical for initiation of virus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E10457-E10466	11.5	58
44	Enabling drug discovery for the PARP protein family through the detection of mono-ADP-ribosylation. <i>Biochemical Pharmacology</i> , <b>2019</b> , 167, 97-106	6	23
43	A Focused DNA-Encoded Chemical Library for the Discovery of Inhibitors of NAD-Dependent Enzymes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5169-5181	16.4	51
42	Forced Self-Modification Assays as a Strategy to Screen MonoPARP Enzymes. <i>SLAS Discovery</i> , <b>2020</b> , 25, 241-252	3.4	12
41	In Vitro and Cellular Probes to Study PARP Enzyme Target Engagement. <i>Cell Chemical Biology</i> , <b>2020</b> , 27, 877-887.e14	8.2	9
40	Recent developments in PARP14 research. <i>Future Medicinal Chemistry</i> , <b>2020</b> , 12, 1657-1667	4.1	4
39	Mechanisms governing PARP expression, localization, and activity in cells. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2020</b> , 55, 541-554	8.7	11
38	Interplay between compartmentalized NAD synthesis and consumption: a focus on the PARP family. <i>Genes and Development</i> , <b>2020</b> , 34, 254-262	12.6	32
37	PARPs and ADP-ribosylation: 60 years on. <i>Genes and Development</i> , <b>2020</b> ,	12.6	10
36	Mono(ADP-ribosyl)ation Enzymes and NAD Metabolism: A Focus on Diseases and Therapeutic Perspectives. <i>Cells</i> , <b>2021</b> , 10,	7.9	5
35	Chemical genetics and proteome-wide site mapping reveal cysteine MARYlation by PARP-7 on immune-relevant protein targets. <i>ELife</i> , <b>2021</b> , 10,	8.9	18
34	MARTs and MARYlation in the Cytosol: Biological Functions, Mechanisms of Action, and Therapeutic Potential. <i>Cells</i> , <b>2021</b> , 10,	7.9	19
33	Recent development in the discovery of PARP inhibitors as anticancer agents: a patent update (2016-2020). <i>Expert Opinion on Therapeutic Patents</i> , <b>2021</b> , 31, 609-623	6.8	5
32	ADP-ribosylation of RNA and DNA: from in vitro characterization to in vivo function. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 3634-3650	20.1	18
31	PASTA: PARP activity screening and inhibitor testing assay. <i>STAR Protocols</i> , <b>2021</b> , 2, 100344	1.4	3
30	Chemical Proteomics Approach for Profiling the NAD Interactome. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6787-6791	16.4	4

29	A molecular toolbox for ADP-ribosyl binding proteins.		1
28	Evaluation of 3- and 4-Phenoxybenzamides as Selective Inhibitors of the Mono-ADP-Ribosyltransferase PARP10. <i>ChemistryOpen</i> , <b>2021</b> , 10, 939-948	2.3	2
27	ADP-ribosyltransferase PARP11 suppresses Zika virus in synergy with PARP12. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 116	9.8	4
26	Structure, Maintenance, and Regulation of Nuclear Pore Complexes: The Gatekeepers of the Eukaryotic Genome. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2021</b> ,	10.2	3
25	Chemical genetic methodologies for identifying protein substrates of PARPs. <i>Trends in Biochemical Sciences</i> , <b>2021</b> ,	10.3	3
24	Analogs of TIQ-A as inhibitors of human mono-ADP-ribosylating PARPs.		
23	A potent and selective PARP14 inhibitor decreases protumor macrophage gene expression and elicits inflammatory responses in tumor explants. <i>Cell Chemical Biology</i> , <b>2021</b> , 28, 1158-1168.e13	8.2	11
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20	family-wide profiling and 3D modelling of the poly(ADP-ribose) polymerase superfamily. <i>Future Medicinal Chemistry</i> , <b>2020</b> , 12, 2105-2122	4.1	1
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17	A molecular toolbox for ADP-ribosyl binding proteins. <i>Cell Reports Methods</i> , <b>2021</b> , 1, 100121		8
16	Assay technologies facilitating drug discovery for ADP-ribosyl writers, readers and erasers. <i>BioEssays</i> , <b>2021</b> , 44, e2100240	4.1	2
15	Analogs of TIQ-A as inhibitors of human mono-ADP-ribosylating PARPs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 52, 116511	3.4	2
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13	ADP-Ribosylation Post-Translational Modification: An Overview with a Focus on RNA Biology and New Pharmacological Perspectives.. <i>Biomolecules</i> , <b>2022</b> , 12,	5.9	2
12	Potent 2,3-dihydrophthalazine-1,4-dione derivatives as dual inhibitors for mono-ADP-ribosyltransferases PARP10 and PARP15.. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 237, 114362	6.8	2

11	Research Progress on Mono-ADP-Ribosyltransferases in Human Cell Biology. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10,	5.7	0
10	Synthesis, molecular docking, and cytotoxicity of quinazolinone and dihydroquinazolinone derivatives as cytotoxic agents.. <i>BMC Chemistry</i> , <b>2022</b> , 16, 35	3.7	
9	Methods for profiling the target and off-target landscape of PARP inhibitors. <i>Current Research in Chemical Biology</i> , <b>2022</b> , 2, 100027		
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7	Targeting PARP11 to avert immunosuppression and improve CAR T therapy in solid tumors. <i>Nature Cancer</i> ,	15.4	3
6	Selective PARP1 Inhibitors, PARP1-based Dual-Target Inhibitors, PROTAC PARP1 Degraders, and Prodrugs of PARP1 Inhibitors for Cancer Therapy. <b>2022</b> , 106529		1
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4	Structure-guided design and characterization of a clickable, covalent PARP16 inhibitor. <b>2022</b> , 13, 13898-13906		0
3	Allosteric regulation of DNA binding and target residence time drive the cytotoxicity of phthalazinone-based PARP-1 inhibitors. <b>2022</b> , 29, 1694-1708.e10		1
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1	[1,2,4]Triazolo[3,4-b]benzothiazole Scaffold as Versatile Nicotinamide Mimic Allowing Nanomolar Inhibition of Different PARP Enzymes.		0