In-Kwon Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3726688/publications.pdf

Version: 2024-02-01

18	492	840776 11	888059 17
papers	citations	h-index	g-index

18	18	18	672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural and biochemical analysis of human ADP-ribosyl-acceptor hydrolase 3 reveals the basis of metal selectivity and different roles for the two magnesium ions. Journal of Biological Chemistry, 2021, 296, 100692.	3.4	1
2	Androgen signaling uses a writer and a reader of ADP-ribosylation to regulate protein complex assembly. Nature Communications, 2021, 12, 2705.	12.8	15
3	Selective monitoring of the protein-free ADP-ribose released by ADP-ribosylation reversal enzymes. PLoS ONE, 2021, 16, e0254022.	2.5	6
4	Reconstitution and functional characterization of SARS-CoV-2 proofreading complex. Protein Expression and Purification, 2021, 185, 105894.	1.3	13
5	An atypical BRCTâ€“BRCT interaction with the XRCC1 scaffold protein compacts human DNA Ligase IIIÎ± within a flexible DNA repair complex. Nucleic Acids Research, 2021, 49, 306-321.	14.5	21
6	An efficient chemical screening method for structure-based inhibitors to nucleic acid enzymes targeting the DNA repair-replication interface and SARS CoV-2. Methods in Enzymology, 2021, 661, 407-431.	1.0	2
7	An efficient chemical screening method for structure-based inhibitors to nucleic acid enzymes targeting the DNA repair-replication interface and SARS CoV-2. Methods in Enzymology, 2021, 661, 407-431.	1.0	4
8	PARG has a robust endo-glycohydrolase activity that releases protein-free poly(ADP-ribose) chains. Biochemical and Biophysical Research Communications, 2020, 527, 818-823.	2.1	13
9	Selective small molecule PARG inhibitor causes replication fork stalling and cancer cell death. Nature Communications, 2019, 10, 5654.	12.8	75
10	Structure of human ADP-ribosyl-acceptor hydrolase 3 bound to ADP-ribose reveals a conformational switch that enables specific substrate recognition. Journal of Biological Chemistry, 2018, 293, 12350-12359.	3.4	27
11	Human DNA ligase III bridges two DNA ends to promote specific intermolecular DNA end joining. Nucleic Acids Research, 2015, 43, 7021-7031.	14.5	25
12	Poly(ADP-ribose)-binding promotes Exo1 damage recruitment and suppresses its nuclease activities. DNA Repair, 2015, 35, 106-115.	2.8	19
13	A Quantitative Assay Reveals Ligand Specificity of the DNA Scaffold Repair Protein XRCC1 and Efficient Disassembly of Complexes of XRCC1 and the Poly(ADP-ribose) Polymerase 1 by Poly(ADP-ribose) Glycohydrolase. Journal of Biological Chemistry, 2015, 290, 3775-3783.	3.4	49
14	14-3-3 Proteins Restrain the Exo1 Nuclease to Prevent Overresection. Journal of Biological Chemistry, 2015, 290, 12300-12312.	3.4	23
15	Structure of mammalian poly(ADP-ribose) glycohydrolase reveals a flexible tyrosine clasp as a substrate-binding element. Nature Structural and Molecular Biology, 2012, 19, 653-656.	8.2	60
16	Human DNA Ligase III Recognizes DNA Ends by Dynamic Switching between Two DNA-Bound States. Biochemistry, 2010, 49, 6165-6176.	2.5	90
17	Two DNA-binding and Nick Recognition Modules in Human DNA Ligase III. Journal of Biological Chemistry, 2008, 283, 10764-10772.	3.4	49
18	Structureâ€based inhibitors of DNA repair. FASEB Journal, 2008, 22, 526.1.	0.5	0