Zamal Ahmed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8808795/publications.pdf

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22	789	567281 15	642732 23
papers	citations	h-index	g-index

25	25	25	1074
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Receptor tyrosine kinases regulate signal transduction through a liquid-liquid phase separated state. Molecular Cell, 2022, 82, 1089-1106.e12.	9.7	38
2	Vitamin E Enhances Cancer Immunotherapy by Reinvigorating Dendritic Cells via Targeting Checkpoint SHP1. Cancer Discovery, 2022, 12, 1742-1759.	9.4	35
3	Grb2 binding induces phosphorylation-independent activation of Shp2. Communications Biology, 2021, 4, 437.	4.4	13
4	GRB2 enforces homology-directed repair initiation by MRE11. Science Advances, 2021, 7, .	10.3	21
5	Targeting SARS-CoV-2 Nsp3 macrodomain structure with insights from human poly(ADP-ribose) glycohydrolase (PARG) structures with inhibitors. Progress in Biophysics and Molecular Biology, 2021, 163, 171-186.	2.9	39
6	An effective human uracil-DNA glycosylase inhibitor targets the open pre-catalytic active site conformation. Progress in Biophysics and Molecular Biology, 2021, 163, 143-159.	2.9	14
7	Heritable pattern of oxidized DNA base repair coincides with pre-targeting of repair complexes to open chromatin. Nucleic Acids Research, 2021, 49, 221-243.	14.5	29
8	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
9	PLEKHA7 signaling is necessary for the growth of mutant KRAS driven colorectal cancer. Experimental Cell Research, 2021, 409, 112930.	2.6	4
10	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
11	An Inhibitor of the Pleckstrin Homology Domain of CNK1 Selectively Blocks the Growth of Mutant KRAS Cells and Tumors. Cancer Research, 2019, 79, 3100-3111.	0.9	21
12	Cancer mutational burden is shaped by G4 DNA, replication stress and mitochondrial dysfunction. Progress in Biophysics and Molecular Biology, 2019, 147, 47-61.	2.9	35
13	Selective small molecule PARG inhibitor causes replication fork stalling and cancer cell death. Nature Communications, 2019, 10, 5654.	12.8	75
14	Grb2 monomerâ€“dimer equilibrium determines normal versus oncogenic function. Nature Communications, 2015, 6, 7354.	12.8	56
15	Competition between Grb2 and Plcî³1 for FGFR2 regulates basal phospholipase activity and invasion. Nature Structural and Molecular Biology, 2014, 21, 180-188.	8.2	54
16	Plakophilin-3 Catenin Associates with the ETV1/ER81 Transcription Factor to Positively Modulate Gene Activity. PLoS ONE, 2014, 9, e86784.	2.5	15
17	Grb2 controls phosphorylation of FGFR2 by inhibiting receptor kinase and Shp2 phosphatase activity. Journal of Cell Biology, 2013, 200, 493-504.	5.2	64
18	Interaction with Shc prevents aberrant Erk activation in the absence of extracellular stimuli. Nature Structural and Molecular Biology, 2013, 20, 620-627.	8.2	23

#	Article	IF	Citations
19	Inhibition of Basal FGF Receptor Signaling by Dimeric Grb2. Cell, 2012, 149, 1514-1524.	28.9	140
20	Direct binding of Grb2 SH3 domain to FGFR2 regulates SHP2 function. Cellular Signalling, 2010, 22, 23-33.	3.6	34
21	Extracellular point mutations in FGFR2 elicit unexpected changes in intracellular signalling. Biochemical Journal, 2008, 413, 37-49.	3.7	52
22	Distinct Spatial and Temporal Distribution of ZAP70 and Lck following Stimulation of Interferon and T-cell Receptors. Journal of Molecular Biology, 2005, 353, 1001-1010.	4.2	13