

Zamal Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

789
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Basal FGF Receptor Signaling by Dimeric Grb2. <i>Cell</i> , 2012, 149, 1514-1524.	28.9	140
2	Selective small molecule PARG inhibitor causes replication fork stalling and cancer cell death. <i>Nature Communications</i> , 2019, 10, 5654.	12.8	75
3	Grb2 controls phosphorylation of FGFR2 by inhibiting receptor kinase and Shp2 phosphatase activity. <i>Journal of Cell Biology</i> , 2013, 200, 493-504.	5.2	64
4	Grb2 monomerâ€“dimer equilibrium determines normal versus oncogenic function. <i>Nature Communications</i> , 2015, 6, 7354.	12.8	56
5	Competition between Grb2 and Plc β 1 for FGFR2 regulates basal phospholipase activity and invasion. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 180-188.	8.2	54
6	Extracellular point mutations in FGFR2 elicit unexpected changes in intracellular signalling. <i>Biochemical Journal</i> , 2008, 413, 37-49.	3.7	52
7	Targeting SARS-CoV-2 Nsp3 macrodomain structure with insights from human poly(ADP-ribose) glycohydrolase (PARG) structures with inhibitors. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 163, 171-186.	2.9	39
8	Receptor tyrosine kinases regulate signal transduction through a liquid-liquid phase separated state. <i>Molecular Cell</i> , 2022, 82, 1089-1106.e12.	9.7	38
9	Cancer mutational burden is shaped by G4 DNA, replication stress and mitochondrial dysfunction. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 147, 47-61.	2.9	35
10	Vitamin E Enhances Cancer Immunotherapy by Reinvigorating Dendritic Cells via Targeting Checkpoint SHP1. <i>Cancer Discovery</i> , 2022, 12, 1742-1759.	9.4	35
11	Direct binding of Grb2 SH3 domain to FGFR2 regulates SHP2 function. <i>Cellular Signalling</i> , 2010, 22, 23-33.	3.6	34
12	Heritable pattern of oxidized DNA base repair coincides with pre-targeting of repair complexes to open chromatin. <i>Nucleic Acids Research</i> , 2021, 49, 221-243.	14.5	29
13	Interaction with Shc prevents aberrant Erk activation in the absence of extracellular stimuli. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 620-627.	8.2	23
14	An Inhibitor of the Pleckstrin Homology Domain of CNK1 Selectively Blocks the Growth of Mutant KRAS Cells and Tumors. <i>Cancer Research</i> , 2019, 79, 3100-3111.	0.9	21
15	GRB2 enforces homology-directed repair initiation by MRE11. <i>Science Advances</i> , 2021, 7, .	10.3	21
16	Plakophilin-3 Catenin Associates with the ETV1/ER81 Transcription Factor to Positively Modulate Gene Activity. <i>PLoS ONE</i> , 2014, 9, e86784.	2.5	15
17	An effective human uracil-DNA glycosylase inhibitor targets the open pre-catalytic active site conformation. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 163, 143-159.	2.9	14
18	Distinct Spatial and Temporal Distribution of ZAP70 and Lck following Stimulation of Interferon and T-cell Receptors. <i>Journal of Molecular Biology</i> , 2005, 353, 1001-1010.	4.2	13

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19	Grb2 binding induces phosphorylation-independent activation of Shp2. Communications Biology, 2021, 4, 437.	4.4	13
20	PLEKHA7 signaling is necessary for the growth of mutant KRAS driven colorectal cancer. Experimental Cell Research, 2021, 409, 112930.	2.6	4
21	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
22	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