

Rajashree A Deshpande

List of Publications by Year in descending order

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12
papers

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1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic and Noncatalytic Roles of the CtIP Endonuclease in Double-Strand Break End Resection. <i>Molecular Cell</i> , 2014, 54, 1022-1033.	9.7	158
2	Single-Molecule Imaging Reveals How Mre11-Rad50-Nbs1 Initiates DNA Break Repair. <i>Molecular Cell</i> , 2017, 67, 891-898.e4.	9.7	156
3	Mre11 Is Essential for the Removal of Lethal Topoisomerase 2 Covalent Cleavage Complexes. <i>Molecular Cell</i> , 2016, 64, 580-592.	9.7	144
4	Nbs1 Converts the Human Mre11/Rad50 Nuclease Complex into an Endo/Exonuclease Machine Specific for Protein-DNA Adducts. <i>Molecular Cell</i> , 2016, 64, 593-606.	9.7	131
5	DNA-dependent protein kinase promotes DNA end processing by MRN and CtIP. <i>Science Advances</i> , 2020, 6, eaay0922.	10.3	92
6	EXD2 promotes homologous recombination by facilitating DNA end resection. <i>Nature Cell Biology</i> , 2016, 18, 271-280.	10.3	61
7	The Mre11/Rad50/Nbs1 complex: Recent insights into catalytic activities and ATP-driven conformational changes. <i>Experimental Cell Research</i> , 2014, 329, 139-147.	2.6	44
8	Rad50 ATPase activity is regulated by DNA ends and requires coordination of both active sites. <i>Nucleic Acids Research</i> , 2017, 45, 5255-5268.	14.5	27
9	Genetic Separation of Sae2 Nuclease Activity from Mre11 Nuclease Functions in Budding Yeast. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	13
10	Purification and Biophysical Characterization of the Mre11-Rad50-Nbs1 Complex. <i>Methods in Molecular Biology</i> , 2019, 2004, 269-287.	0.9	6
11	Characterization of DNA-PK-Bound End Fragments Using GLASS-ChIP. <i>Methods in Molecular Biology</i> , 2022, 2444, 171-182.	0.9	2
12	Characterization of DNA-PK-bound end fragments using GLASS-ChIP. <i>Methods in Enzymology</i> , 2021, 661, 205-217.	1.0	0