

Upasana Roy

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

716
citations

1163117

8
h-index

1199594

12
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16
all docs

16
docs citations

16
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	Computed structures of core eukaryotic protein complexes. <i>Science</i> , 2021, 374, eabm4805.	12.6	316
2	Sirt1 and mirâ€9 expression is regulated during glucoseâ€stimulated insulin secretion in pancreatic Î²â€islets. <i>FEBS Journal</i> , 2011, 278, 1167-1174.	4.7	154
3	Involvement of translesion synthesis DNA polymerases in DNA interstrand crosslink repair. <i>DNA Repair</i> , 2016, 44, 33-41.	2.8	56
4	The Rad51 paralog complex Rad55-Rad57 acts as a molecular chaperone during homologous recombination. <i>Molecular Cell</i> , 2021, 81, 1043-1057.e8.	9.7	45
5	Drosophila DNA polymerase theta utilizes both helicase-like and polymerase domains during microhomology-mediated end joining and interstrand crosslink repair. <i>PLoS Genetics</i> , 2017, 13, e1006813.	3.5	44
6	Sensing and Processing of DNA Interstrand Crosslinks by the Mismatch Repair Pathway. <i>Cell Reports</i> , 2017, 21, 1375-1385.	6.4	43
7	The structure and duplex context of DNA interstrand crosslinks affects the activity of DNA polymerase Î·. <i>Nucleic Acids Research</i> , 2016, 44, gkw485.	14.5	27
8	Bypass of DNA interstrand crosslinks by a Rev1â€DNA polymerase Î¶ complex. <i>Nucleic Acids Research</i> , 2020, 48, 8461-8473.	14.5	13
9	The Role of the Rad55â€Rad57 Complex in DNA Repair. <i>Genes</i> , 2021, 12, 1390.	2.4	6
10	Single-Stranded DNA Curtains for Single-Molecule Visualization of Rad51-ssDNA Filament Dynamics. <i>Methods in Molecular Biology</i> , 2021, 2281, 193-207.	0.9	4
11	Demystifying the D-loop during DNA recombination. <i>Nature</i> , 2020, 586, 677-678.	27.8	4
12	Structural mechanism of DNA interstrand cross-link unhooking by the bacterial FAN1 nuclease. <i>Journal of Biological Chemistry</i> , 2018, 293, 6482-6496.	3.4	3
13	Single-molecule studies of yeast Rad51 paralogs. <i>Methods in Enzymology</i> , 2021, 661, 343-362.	1.0	0