

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
g-index

16
all docs

16
docs citations

16
times ranked

1014
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | The Role of the Rad55-Rad57 Complex in DNA Repair. <i>Genes</i> , 2021, 12, 1390. | 2.4 | 6 |
| 4 | Computed structures of core eukaryotic protein complexes. <i>Science</i> , 2021, 374, eabm4805. | 12.6 | 316 |
| 5 | Single-molecule studies of yeast Rad51 paralogs. <i>Methods in Enzymology</i> , 2021, 661, 343-362. | 1.0 | 0 |
| 6 | Bypass of DNA interstrand crosslinks by a Rev1-DNA polymerase η complex. <i>Nucleic Acids Research</i> , 2020, 48, 8461-8473. | 14.5 | 13 |
| 7 | Demystifying the D-loop during DNA recombination. <i>Nature</i> , 2020, 586, 677-678. | 27.8 | 4 |
| 8 | 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 |
| 9 | Sensing and Processing of DNA Interstrand Crosslinks by the Mismatch Repair Pathway. <i>Cell Reports</i> , 2017, 21, 1375-1385. | 6.4 | 43 |
| 10 | 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 |
| 11 | Involvement of translesion synthesis DNA polymerases in DNA interstrand crosslink repair. <i>DNA Repair</i> , 2016, 44, 33-41. | 2.8 | 56 |
| 12 | The structure and duplex context of DNA interstrand crosslinks affects the activity of DNA polymerase η . <i>Nucleic Acids Research</i> , 2016, 44, gkw485. | 14.5 | 27 |
| 13 | Sirt1 and mir-9 expression is regulated during glucose-stimulated insulin secretion in pancreatic β -cells. <i>FEBS Journal</i> , 2011, 278, 1167-1174. | 4.7 | 154 |