

# Vibe Hallundbk Oestergaard

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

714  
citations

13  
h-index

26  
g-index

26  
ext. papers

850  
ext. citations

7.5  
avg, IF

3.7  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 25 | Deubiquitination of FANCD2 is required for DNA crosslink repair. <i>Molecular Cell</i> , <b>2007</b> , 28, 798-809  | 17.6 | 154       |
| 24 | The genetic and biochemical basis of FANCD2 monoubiquitination. <i>Molecular Cell</i> , <b>2014</b> , 54, 858-69  | 17.6 | 94        |
| 23 | RAD18-independent ubiquitination of proliferating-cell nuclear antigen in the avian cell line DT40. <i>EMBO Reports</i> , <b>2006</b> , 7, 927-32   | 6.5  | 71        |
| 22 | TopBP1/Dpb11 binds DNA anaphase bridges to prevent genome instability. <i>Journal of Cell Biology</i> , <b>2014</b> , 204, 45-59  | 7.3  | 67        |
| 21 | TopBP1 is required at mitosis to reduce transmission of DNA damage to G1 daughter cells. <i>Journal of Cell Biology</i> , <b>2015</b> , 210, 565-82   | 7.3  | 56        |
| 20 | TOPBP1 regulates RAD51 phosphorylation and chromatin loading and determines PARP inhibitor sensitivity. <i>Journal of Cell Biology</i> , <b>2016</b> , 212, 281-8   | 7.3  | 47        |
| 19 | Dpb11/TopBP1 plays distinct roles in DNA replication, checkpoint response and homologous recombination. <i>DNA Repair</i> , <b>2011</b> , 10, 210-24  | 4.3  | 32        |
| 18 | FANCD2 binding identifies conserved fragile sites at large transcribed genes in avian cells. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 1280-1294  | 20.1 | 27        |
| 17 | A human topoisomerase II alpha heterodimer with only one ATP binding site can go through successive catalytic cycles. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 5768-74                     | 5.4  | 21        |
| 16 | RNF8 and RNF168 but not HERC2 are required for DNA damage-induced ubiquitylation in chicken DT40 cells. <i>DNA Repair</i> , <b>2012</b> , 11, 892-905   | 4.3  | 19        |
| 15 | The transducer domain is important for clamp operation in human DNA topoisomerase IIalpha. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 1684-91  | 5.4  | 19        |
| 14 | Dissecting the cell-killing mechanism of the topoisomerase II-targeting drug ICRF-193. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 28100-5  | 5.4  | 17        |
| 13 | The role of HERC2 and RNF8 ubiquitin E3 ligases in the promotion of translesion DNA synthesis in the chicken DT40 cell line. <i>DNA Repair</i> , <b>2016</b> , 40, 67-76                                      | 4.3  | 15        |
| 12 | TopBP1-mediated DNA processing during mitosis. <i>Cell Cycle</i> , <b>2016</b> , 15, 176-83   | 4.7  | 13        |
| 11 | Common Chromosomal Fragile Sites-Conserved Failure Stories. <i>Genes</i> , <b>2018</b> , 9,   | 4.2  | 13        |
| 10 | Transcription-replication conflicts at chromosomal fragile sites-consequences in M phase and beyond. <i>Chromosoma</i> , <b>2017</b> , 126, 213-222   | 2.8  | 12        |
| 9  | The QTK loop is essential for the communication between the N-terminal atpase domain and the central cleavage-ligation region in human topoisomerase IIalpha. <i>Biochemistry</i> , <b>2009</b> , 48, 6508-15 | 3.2  | 12        |

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|---|---|------|---|
| 8 | Hindering the strand passage reaction of human topoisomerase IIalpha without disturbing DNA cleavage, ATP hydrolysis, or the operation of the N-terminal clamp. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 28093-9 | 5.4  | 7 |
| 7 | Functions of TopBP1 in preserving genome integrity during mitosis. <i>Seminars in Cell and Developmental Biology</i> , <b>2021</b> , 113, 57-64   | 7.5  | 7 |
| 6 | A distinct role for recombination repair factors in an early cellular response to transcription-replication conflicts. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 5467-5484  | 20.1 | 5 |
| 5 | The ZGRF1 Helicase Promotes Recombinational Repair of Replication-Blocking DNA Damage in Human Cells. <i>Cell Reports</i> , <b>2020</b> , 32, 107849  | 10.6 | 2 |
| 4 | TopBP1 makes the final call for repair on the verge of cell division. <i>Molecular and Cellular Oncology</i> , <b>2016</b> , 3, e1093066  | 1.2  | 2 |
| 3 | A complex of BRCA2 and PP2A-B56 is required for DNA repair by homologous recombination. <i>Nature Communications</i> , <b>2021</b> , 12, 5748   | 17.4 | 2 |
| 2 | Immunostaining of Formaldehyde-fixed Metaphase Chromosome from Untreated and Aphidicolin-treated DT40 Cells. <i>Bio-protocol</i> , <b>2017</b> , 7, e2259   | 0.9  |   |
| 1 | Large Intronic Deletion of the Fragile Site Gene Dramatically Lowers Its Fragility Without Impacting Gene Expression. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 695172   | 4.5  |   |