

Anni H Andersen

List of Publications by Citations

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28
papers

1,002
citations

15
h-index

29
g-index

29
ext. papers

1,047
ext. citations

7.9
avg, IF

3.26
L-index

#	Paper	IF	Citations
28	Selected novel flavones inhibit the DNA binding or the DNA religation step of eukaryotic topoisomerase I. <i>Journal of Biological Chemistry</i> , 1996 , 271, 2262-70	5.4	170
27	Double-stranded DNA cleavage/religation reaction of eukaryotic topoisomerase II: evidence for a nicked DNA intermediate. <i>Biochemistry</i> , 1989 , 28, 6229-36	3.2	126
26	Mode of action of topoisomerase II-targeting agents at a specific DNA sequence. Uncoupling the DNA binding, cleavage and religation events. <i>Journal of Molecular Biology</i> , 1992 , 228, 778-86	6.5	106
25	Assembly and structural analysis of a covalently closed nano-scale DNA cage. <i>Nucleic Acids Research</i> , 2008 , 36, 1113-9	20.1	102
24	Strand specificity of the topoisomerase II mediated double-stranded DNA cleavage reaction. <i>Biochemistry</i> , 1989 , 28, 6237-44	3.2	68
23	Role for the fission yeast RecQ helicase in DNA repair in G2. <i>Molecular and Cellular Biology</i> , 2003 , 23, 3692-705	4.8	63
22	Characterization of the interaction between topoisomerase II and DNA by transcriptional footprinting. <i>Journal of Molecular Biology</i> , 1990 , 215, 237-44	6.5	60
21	A Flp-nick system to study repair of a single protein-bound nick in vivo. <i>Nature Methods</i> , 2009 , 6, 753-7	21.6	42
20	Hairpin structures formed by alpha satellite DNA of human centromeres are cleaved by human topoisomerase IIalpha. <i>Nucleic Acids Research</i> , 2008 , 36, 6165-74	20.1	39
19	Human DNA topoisomerases II β and II γ can functionally substitute for yeast TOP2 in chromosome segregation and recombination. <i>Molecular Genetics and Genomics</i> , 1996 , 252, 79-86		36
18	DNA hairpins as temperature switches, thermometers and ionic detectors. <i>Sensors</i> , 2013 , 13, 5937-44	3.8	27
17	The DNA binding, cleavage, and religation reactions of eukaryotic topoisomerases I and II. <i>Advances in Pharmacology</i> , 1994 , 29A, 83-101	5.7	24
16	Stimulation of topoisomerase II mediated DNA cleavage at specific sequence elements by the 2-nitroimidazole Ro 15-0216. <i>Biochemistry</i> , 1990 , 29, 9507-15	3.2	24
15	The transducer domain is important for clamp operation in human DNA topoisomerase IIalpha. <i>Journal of Biological Chemistry</i> , 2004 , 279, 1684-91	5.4	19
14	MRX protects fork integrity at protein-DNA barriers, and its absence causes checkpoint activation dependent on chromatin context. <i>Nucleic Acids Research</i> , 2013 , 41, 3173-89	20.1	15
13	Top2 and Sgs1-Top3 Act Redundantly to Ensure rDNA Replication Termination. <i>PLoS Genetics</i> , 2015 , 11, e1005697	6	12
12	A Rad53 independent function of Rad9 becomes crucial for genome maintenance in the absence of the Recq helicase Sgs1. <i>PLoS ONE</i> , 2013 , 8, e81015	3.7	11

- 11 Resolution of Holliday junction substrates by human topoisomerase I. *Journal of Molecular Biology*, **2007**, 365, 1076-92 6.5 11
- 10 Abortive activity of Topoisomerase I: a challenge for genome integrity?. *Current Genetics*, **2019**, 65, 1141-1144 10
- 9 Recombinogenic flap ligation mediated by human topoisomerase I. *Journal of Molecular Biology*, **2003**, 330, 235-46 6.5 10
- 8 Minimal Resection Takes Place during Break-Induced Replication Repair of Collapsed Replication Forks and Is Controlled by Strand Invasion. *Cell Reports*, **2019**, 26, 836-844.e3 10.6 8
- 7 Characterization of DNA topoisomerase II alpha/beta heterodimers in HeLa cells. *Biochemistry*, **1998**, 37, 16645-52 3.2 8
- 6 Interlinked DNA nano-circles for measuring topoisomerase II activity at the level of single decatenation events. *Nucleic Acids Research*, **2017**, 45, 7855-7869 20.1 6
- 5 Different Camptothecin Sensitivities in Subpopulations of Colon Cancer Cells Correlate with Expression of Different Phospho-Isoforms of Topoisomerase I with Different Activities. *Cancers*, **2020**, 12, 6.6 4
- 4 Uncoupling of topoisomerase-mediated DNA cleavage and religation. *Methods in Molecular Biology*, **2001**, 95, 101-17 1.4 1
- 3 DNA Sensors for the Detection of Biomolecules and Biochemical Conditions **2017**, 57-97
- 2 Genome instability as a cause of ageing and cancer: Implications of RecQ helicases. *Signal Transduction*, **2005**, 5, 142-151
- 1 Human DNA topoisomerases II α and II β can functionally substitute for yeast TOP2 in chromosome segregation and recombination. *Molecular Genetics and Genomics*, **1996**, 252, 79-86