

Cyril M Sanders

List of Publications by Year in descending order

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20
papers

708
citations

759233

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docs citations

22
times ranked

627
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Pif1 helicase is a G-quadruplex DNA-binding protein with G-quadruplex DNA-unwinding activity. <i>Biochemical Journal</i> , 2010, 430, 119-128.	3.7	132
2	Recruitment and loading of the E1 initiator protein: an ATP-dependent process catalysed by a transcription factor. <i>EMBO Journal</i> , 1998, 17, 7044-7055.	7.8	108
3	Structure of the intact transactivation domain of the human papillomavirus E2 protein. <i>Nature</i> , 2000, 403, 805-809.	27.8	95
4	Human Pif1 helicase unwinds synthetic DNA structures resembling stalled DNA replication forks. <i>Nucleic Acids Research</i> , 2009, 37, 6491-6502.	14.5	55
5	Transcription Factor-dependent Loading of the E1 Initiator Reveals Modular Assembly of the Papillomavirus Origin Melting Complex. <i>Journal of Biological Chemistry</i> , 2000, 275, 3522-3534.	3.4	49
6	Papillomavirus E1 helicase assembly maintains an asymmetric state in the absence of DNA and nucleotide cofactors. <i>Nucleic Acids Research</i> , 2007, 35, 6451-6457.	14.5	36
7	Structural and functional analysis of the nucleotide and DNA binding activities of the human PIF1 helicase. <i>Nucleic Acids Research</i> , 2019, 47, 3208-3222.	14.5	36
8	Suppression of Apoptosis by PIF1 Helicase in Human Tumor Cells. <i>Cancer Research</i> , 2011, 71, 4998-5008.	0.9	35
9	Expression patterns of the human papillomavirus type 16 transcription factor E2 in low- and high-grade cervical intraepithelial neoplasia. , 1998, 186, 275-280.		29
10	Mechanism and Requirements for Bovine Papillomavirus, Type 1, E1 Initiator Complex Assembly Promoted by the E2 Transcription Factor Bound to Distal Sites. <i>Journal of Biological Chemistry</i> , 2001, 276, 23689-23699.	3.4	27
11	Common determinants in DNA melting and helicase-catalysed DNA unwinding by papillomavirus replication protein E1. <i>Nucleic Acids Research</i> , 2006, 34, 3008-3019.	14.5	21
12	Role of ATP hydrolysis in the DNA translocase activity of the bovine papillomavirus (BPV-1) E1 helicase. <i>Nucleic Acids Research</i> , 2006, 34, 3731-3741.	14.5	19
13	Transcription activator structure reveals redox control of a replication initiation reaction. <i>Nucleic Acids Research</i> , 2007, 35, 3504-3515.	14.5	19
14	A flexible brace maintains the assembly of a hexameric replicative helicase during DNA unwinding. <i>Nucleic Acids Research</i> , 2012, 40, 2271-2283.	14.5	12
15	Structural basis for DNA strand separation by a hexameric replicative helicase. <i>Nucleic Acids Research</i> , 2015, 43, 8551-8563.	14.5	9
16	A DNA-binding activity in BPV initiator protein E1 required for melting duplex ori DNA but not processive helicase activity initiated on partially single-stranded DNA. <i>Nucleic Acids Research</i> , 2008, 36, 1891-1899.	14.5	8
17	Unwinding of a DNA replication fork by a hexameric viral helicase. <i>Nature Communications</i> , 2021, 12, 5535.	12.8	8
18	DNA substrate recognition and processing by the full-length human UPF1 helicase. <i>Nucleic Acids Research</i> , 2017, 45, 7354-7366.	14.5	6

#	ARTICLE	IF	CITATIONS
19	Bacteriophage T5 gene D10 encodes a branch-migration protein. <i>Scientific Reports</i> , 2016, 6, 39414.	3.3	3
20	Expression patterns of the human papillomavirus type 16 transcription factor E2 in low- and high-grade cervical intraepithelial neoplasia. <i>Journal of Pathology</i> , 1998, 186, 275-280.	4.5	1