Csanad Z Bachrati

List of Publications by Year
in descending order

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29 papers	2,618 citations	394421 19 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	3323 citing authors

#	Article	IF	Citations
1	Teixobactin analogues reveal enduracididine to be non-essential for highly potent antibacterial activity and lipid II binding. Chemical Science, 2017, 8, 8183-8192.	7.4	42
2	ATRX Dysfunction Induces Replication Defects in Primary Mouse Cells. PLoS ONE, 2014, 9, e92915.	2.5	84
3	SETD2-Dependent Histone H3K36 Trimethylation Is Required for Homologous Recombination Repair and Genome Stability. Cell Reports, 2014, 7, 2006-2018.	6.4	370
4	Inflammation-induced DNA damage and damage-induced inflammation: a vicious cycle. Microbes and Infection, 2014, 16, 822-832.	1.9	67
5	A Small Molecule Inhibitor of the BLM Helicase Modulates Chromosome Stability in Human Cells. Chemistry and Biology, 2013, 20, 55-62.	6.0	128
6	BLM and RMI1 Alleviate RPA Inhibition of TopoIIIÎ± Decatenase Activity. PLoS ONE, 2012, 7, e41208.	2.5	6
7	Developing T lymphocytes are uniquely sensitive to a lack of topoisomerase III alpha. European Journal of Immunology, 2010, 40, 2379-2384.	2.9	18
8	Rmi1 stimulates decatenation of double Holliday junctions during dissolution by Sgs1â€“Top3. Nature Structural and Molecular Biology, 2010, 17, 1377-1382.	8.2	175
9	Human Topoisomerase IIIÎ± Is a Single-stranded DNA Decatenase That Is Stimulated by BLM and RMI1. Journal of Biological Chemistry, 2010, 285, 21426-21436.	3.4	62
10	Dissolution of Double Holliday Junctions by the Concerted Action of BLM and Topoisomerase IIIÎ±. Methods in Molecular Biology, 2009, 582, 91-102.	0.9	17
11	RecQ helicases: guardian angels of the DNA replication fork. Chromosoma, 2008, 117, 219-233.	2.2	167
12	The Human RecQ Helicases, BLM and RECQ1, Display Distinct DNA Substrate Specificities. Journal of Biological Chemistry, 2008, 283, 17766-17776.	3.4	127
13	RMI, a new OB-fold complex essential for Bloom syndrome protein to maintain genome stability. Genes and Development, 2008, 22, 2843-2855.	5.9	175
14	The Bloom's syndrome helicase (BLM) interacts physically and functionally with p12, the smallest subunit of human DNA polymerase Î´. Nucleic Acids Research, 2008, 36, 5166-5179.	14.5	26
15	Analysis of the DNA Unwinding Activity of RecQ Family Helicases. Methods in Enzymology, 2006, 409, 86-100.	1.0	34
16	Mobile D-loops are a preferred substrate for the Bloom's syndrome helicase. Nucleic Acids Research, 2006, 34, 2269-2279.	14.5	202
17	BLAP75/RMI1 promotes the BLM-dependent dissolution of homologous recombination intermediates. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4068-4073.	7.1	244
18	Roles of the Bloom's syndrome helicase in the maintenance of genome stability. Biochemical Society Transactions, 2005, 33, 1456.	3.4	119

#	Article	IF	Citations
19	Physical and Functional Interaction between the Bloom's Syndrome Gene Product and the Largest Subunit of Chromatin Assembly Factor 1. Molecular and Cellular Biology, 2004, 24, 4710-4719.	2.3	44
20	Hunt for genetic susceptibility in a complex disease. Computational and Theoretical Chemistry, 2003, 666-667, 681-686.	1.5	1
21	The Bloom's Syndrome Helicase Interacts Directly with the Human DNA Mismatch Repair Protein hMSH6. Biological Chemistry, 2003, 384, 1155-64.	2.5	47
22	RecQ helicases: suppressors of tumorigenesis and premature aging. Biochemical Journal, 2003, 374, 577-606.	3.7	352
23	Mammalian S-phase checkpoint integrity is dependent on transformation status and purine deoxyribonucleosides. Journal of Cell Science, 2000, 113, 1089-1096.	2.0	8
24	Analysis of CAG Repeat Expansion in Huntingtonâ€™s Disease Gene (IT 15) in a Hungarian Population. European Neurology, 1999, 41, 107-110.	1.4	12
25	Dear editor. Laryngoscope, 1999, 109, 1011-1013.	2.0	2
26	Chemical reverse transformation of CHO-K1 cells induces changes in expression of a candidate tumour suppressor and of a gene not previously characterised as transformation related. European Journal of Cell Biology, 1999, 78, 561-566.	3.6	5
27	Carrier detection by microsatellite analysis of Duchenne/Becker muscular dystrophy in Hungarian families. Annals of Human Genetics, 1998, 62, 511-520.	0.8	2
28	Primary Structure and Expression of Matrilin-2, the Closest Relative of Cartilage Matrix Protein within the von Willebrand Factor Type A-like Module Superfamily. Journal of Biological Chemistry, 1997, 272, 9268-9274.	3.4	80
29	Genetic experiments with model populations: Fallacies in genetic analysis performed from samples of recombinants selected for two markers*1. FEMS Microbiology Reviews, 1993, 12, 315-324.	8.6	2