Csanad Z Bachrati

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7996432/publications.pdf

Version: 2024-02-01

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	SETD2-Dependent Histone H3K36 Trimethylation Is Required for Homologous Recombination Repair and Genome Stability. Cell Reports, 2014, 7, 2006-2018.	6.4	370
2	RecQ helicases: suppressors of tumorigenesis and premature aging. Biochemical Journal, 2003, 374, 577-606.	3.7	352
3	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
4	Mobile D-loops are a preferred substrate for the Bloom's syndrome helicase. Nucleic Acids Research, 2006, 34, 2269-2279.	14.5	202
5	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
6	Rmi1 stimulates decatenation of double Holliday junctions during dissolution by Sgs1â€“Top3. Nature Structural and Molecular Biology, 2010, 17, 1377-1382.	8.2	175
7	RecQ helicases: guardian angels of the DNA replication fork. Chromosoma, 2008, 117, 219-233.	2.2	167
8	A Small Molecule Inhibitor of the BLM Helicase Modulates Chromosome Stability in Human Cells. Chemistry and Biology, 2013, 20, 55-62.	6.0	128
9	The Human RecQ Helicases, BLM and RECQ1, Display Distinct DNA Substrate Specificities. Journal of Biological Chemistry, 2008, 283, 17766-17776.	3.4	127
10	Roles of the Bloom's syndrome helicase in the maintenance of genome stability. Biochemical Society Transactions, 2005, 33, 1456.	3.4	119
11	ATRX Dysfunction Induces Replication Defects in Primary Mouse Cells. PLoS ONE, 2014, 9, e92915.	2.5	84
12	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
13	Inflammation-induced DNA damage and damage-induced inflammation: a vicious cycle. Microbes and Infection, 2014, 16, 822-832.	1.9	67
14	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
15	The Bloom's Syndrome Helicase Interacts Directly with the Human DNA Mismatch Repair Protein hMSH6. Biological Chemistry, 2003, 384, 1155-64.	2.5	47
16	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
17	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
18	Analysis of the DNA Unwinding Activity of RecQ Family Helicases. Methods in Enzymology, 2006, 409, 86-100.	1.0	34

#	Article	IF	Citations
19	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
20	Developing T lymphocytes are uniquely sensitive to a lack of topoisomerase III alpha. European Journal of Immunology, 2010, 40, 2379-2384.	2.9	18
21	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
22	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
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	BLM and RMI1 Alleviate RPA Inhibition of TopoIIIÎ± Decatenase Activity. PLoS ONE, 2012, 7, e41208.	2.5	6
25	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
26	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
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	Dear editor. Laryngoscope, 1999, 109, 1011-1013.	2.0	2
29	Hunt for genetic susceptibility in a complex disease. Computational and Theoretical Chemistry, 2003, 666-667, 681-686.	1.5	1