

Holly Miller

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,097
citations

361413

20
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

2262
citing authors

#	ARTICLE	IF	CITATIONS
1	NetiNet: discovery of scientific names from text using machine learning methods. BMC Bioinformatics, 2012, 13, 211.	2.6	32
2	Mapping the biosphere: exploring species to understand the origin, organization and sustainability of biodiversity. Systematics and Biodiversity, 2012, 10, 1-20.	1.2	182
3	A model for Bioinformatics training: the marine biological laboratory. Briefings in Bioinformatics, 2010, 11, 610-615.	6.5	2
4	GenBank and PubMed: How connected are they?. BMC Research Notes, 2009, 2, 101.	1.4	20
5	LigerCat: using "MeSH Clouds" from journal, article, or gene citations to facilitate the identification of relevant biomedical literature. AMIA ... Annual Symposium proceedings, 2009, 2009, 563-7.	0.2	17
6	RNA aptamers selected against DNA polymerase β inhibit the polymerase activities of DNA polymerases α and γ . Nucleic Acids Research, 2006, 34, 2579-2586.	14.5	29
7	Connexin-specific cell-to-cell transfer of short interfering RNA by gap junctions. Journal of Physiology, 2005, 568, 459-468.	2.9	252
8	DNA Polymerase β Protects Mouse Fibroblasts against Oxidative DNA Damage and Is Recruited to Sites of DNA Damage/Repair. Journal of Biological Chemistry, 2005, 280, 31641-31647.	3.4	101
9	The murine DNA glycosylase NEIL2 (mNEIL2) and human DNA polymerase β bind microtubules in situ and in vitro. DNA Repair, 2005, 4, 419-431.	2.8	15
10	Stereoselective excision of thymine glycol from oxidatively damaged DNA. Nucleic Acids Research, 2004, 32, 338-345.	14.5	63
11	Lesion (in)tolerance reveals insights into DNA replication fidelity. EMBO Journal, 2004, 23, 1494-1505.	7.8	122
12	Physicochemical characterization of the endotoxins from Coxiella burnetii strain Priscilla in relation to their bioactivities. BMC Biochemistry, 2004, 5, 1.	4.4	50
13	Site-specific mutagenesis of Drosophila proliferating cell nuclear antigen enhances its effects on calf thymus DNA polymerase delta. BMC Biochemistry, 2004, 5, 13.	4.4	2
14	A Single Amino Acid Change (E85K) in Human PCNA That Leads, Relative to Wild Type, to Enhanced DNA Synthesis by DNA Polymerase β past Nucleotide Base Lesions (TLS) as Well as on Unmodified Templates. Biochemistry, 2004, 43, 15915-15921.	2.5	5
15	"Knock down" of DNA polymerase β by RNA interference: recapitulation of null phenotype. DNA Repair, 2004, 3, 1469-1474.	2.8	19
16	Translesion Synthesis past 2-Deoxyxanthosine, a Nitric Oxide-derived DNA Adduct, by Mammalian DNA Polymerases. Journal of Molecular Biology, 2004, 344, 665-674.	4.2	17
17	Structure of DNA Polymerase β with the Mutagenic DNA Lesion 8-Oxodeoxyguanine Reveals Structural Insights into Its Coding Potential. Structure, 2003, 11, 121-127.	3.3	133
18	The novel DNA glycosylase, NEIL1, protects mammalian cells from radiation-mediated cell death. DNA Repair, 2003, 2, 581-591.	2.8	168

#	ARTICLE	IF	CITATIONS
19	DNA repair investigations using siRNA. DNA Repair, 2003, 2, 759-763.	2.8	8
20	Mammalian Translesion DNA Synthesis across an Acrolein-derived Deoxyguanosine Adduct. Journal of Biological Chemistry, 2003, 278, 13989-13994.	3.4	43
21	The thermodynamics of template-directed DNA synthesis: Base insertion and extension enthalpies. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14719-14724.	7.1	41
22	Mutagenesis by Acrolein-Derived Propanodeoxyguanosine Adducts in Human Cells. Biochemistry, 2002, 41, 13826-13832.	2.5	95
23	Translesion DNA Synthesis Catalyzed by Human Pol η and Pol ζ across 1,N ⁶ -Ethenodeoxyadenosine. Journal of Biological Chemistry, 2001, 276, 18717-18721.	3.4	80
24	Responses to the Major Acrolein-derived Deoxyguanosine Adduct in Escherichia coli. Journal of Biological Chemistry, 2001, 276, 9071-9076.	3.4	79
25	8-OxodGTP Incorporation by DNA Polymerase β Is Modified by Active-Site Residue Asn279. Biochemistry, 2000, 39, 1029-1033.	2.5	105
26	Kinetics of DNA Polymerase I (Klenow Fragment Exo-) Activity on Damaged DNA Templates: Effect of Proximal and Distal Template Damage on DNA Synthesis. Biochemistry, 1997, 36, 15336-15342.	2.5	79
27	Kinetic Mechanism of the 3' \rightarrow 5' Proofreading Exonuclease of DNA Polymerase III. Analysis by Steady State and Pre-Steady State Methods. Biochemistry, 1996, 35, 12919-12925.	2.5	39
28	The Mammalian DNA Polymerase β -Proliferating Cell Nuclear Antigen-Template-Primer Complex: Molecular Characterization by Direct Binding. Biochemistry, 1996, 35, 8268-8274.	2.5	31
29	An L40C Mutation Converts the Cysteine-Sulfenic Acid Redox Center in Enterococcal NADH Peroxidase to a Disulfide. Biochemistry, 1995, 34, 5180-5190.	2.5	20
30	Protein-sulfenic acid stabilization and function in enzyme catalysis and gene regulation. FASEB Journal, 1993, 7, 1483-1490.	0.5	246