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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

887
citations

623734

14
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

1349
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian transcription factor A is a core component of the mitochondrial transcription machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16510-16515.	7.1	156
2	G-quadruplex structures in RNA stimulate mitochondrial transcription termination and primer formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16072-16077.	7.1	147
3	A hybrid G-quadruplex structure formed between RNA and DNA explains the extraordinary stability of the mitochondrial R-loop. <i>Nucleic Acids Research</i> , 2012, 40, 10334-10344.	14.5	133
4	A genome-wide role for CHD remodelling factors and Nap1 in nucleosome disassembly. <i>EMBO Journal</i> , 2007, 26, 2868-2879.	7.8	78
5	<i>In vivo</i> mutagenesis reveals that OriL is essential for mitochondrial DNA replication. <i>EMBO Reports</i> , 2012, 13, 1130-1137.	4.5	59
6	Oxidative DNA damage stalls the human mitochondrial replisome. <i>Scientific Reports</i> , 2016, 6, 28942.	3.3	59
7	Ribonucleotides incorporated by the yeast mitochondrial DNA polymerase are not repaired. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12466-12471.	7.1	39
8	The Dimeric Architecture of Checkpoint Kinases Mec1ATR and Tel1ATM Reveal a Common Structural Organization. <i>Journal of Biological Chemistry</i> , 2016, 291, 13436-13447.	3.4	35
9	The presence of rNTPs decreases the speed of mitochondrial DNA replication. <i>PLoS Genetics</i> , 2018, 14, e1007315.	3.5	29
10	Yet another job for Dna2: Checkpoint activation. <i>DNA Repair</i> , 2015, 32, 17-23.	2.8	27
11	Probing the Mec1ATR Checkpoint Activation Mechanism with Small Peptides. <i>Journal of Biological Chemistry</i> , 2016, 291, 393-401.	3.4	18
12	Inosine Triphosphate Pyrophosphatase Dephosphorylates Ribavirin Triphosphate and Reduced Enzymatic Activity Potentiates Mutagenesis in Hepatitis C Virus. <i>Journal of Virology</i> , 2018, 92, .	3.4	18
13	A Chromatin-remodeling Protein Is a Component of Fission Yeast Mediator. <i>Journal of Biological Chemistry</i> , 2010, 285, 29729-29737.	3.4	17
14	DNA Damage Tolerance by Eukaryotic DNA Polymerase and Primase PrimPol. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1584.	4.1	16
15	Elimination of rNMPs from mitochondrial DNA has no effect on its stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14306-14313.	7.1	14
16	Ribonucleotides in mitochondrial DNA. <i>FEBS Letters</i> , 2019, 593, 1554-1565.	2.8	13
17	De novo dNTP production is essential for normal postnatal murine heart development. <i>Journal of Biological Chemistry</i> , 2019, 294, 15889-15897.	3.4	12
18	Mitochondrial DNA Instability in Mammalian Cells. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 885-905.	5.4	10

#	ARTICLE	IF	CITATIONS
19	mtDNA replication, maintenance, and nucleoid organization. , 2020, , 3-33.		4
20	The integrity and assay performance of tissue mitochondrial DNA is considerably affected by choice of isolation method. Mitochondrion, 2021, 61, 179-187.	3.4	2