Agnel Sfeir

List of Publications by Year
in descending order

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28 papers	3,764 citations	430874 18 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	5041 citing authors

#	Article	IF	Citations
1	Stem cells at odds with telomere maintenance and protection. Trends in Cell Biology, 2022, 32, 527-536.	7.9	10
2	Rap1 regulates TIP60 function during fate transition between two-cell-like and pluripotent states. Genes and Development, 2022, 36, 313-330.	5.9	6
3	Basic science under threat: Lessons from the Skirball Institute. Cell, 2022, 185, 755-758.	28.9	0
4	Nuclear sensing of breaks in mitochondrial DNA enhances immune surveillance. Nature, 2021, 591, 477-481.	27.8	171
5	Alternative splicing is a developmental switch for hTERT expression. Molecular Cell, 2021, 81, 2349-2360.e6.	9.7	19
6	In Vivo Analysis of mtDNA Replication at the Single Molecule Level and with High Resolution. Methods in Molecular Biology, 2021, 2192, 21-34.	0.9	1
7	Single-molecule analysis of mtDNA replication with high resolution. Methods in Cell Biology, 2020, 155, 401-414.	1.1	2
8	Safeguarding mitochondrial genomes in higher eukaryotes. Nature Structural and Molecular Biology, 2020, 27, 687-695.	8.2	30
9	A single-molecule view of telomerase regulation at telomeres. Molecular and Cellular Oncology, 2020, 7, 1818537.	0.7	0
10	Imaging of Telomerase RNA by Single-Molecule Inexpensive FISH Combined with Immunofluorescence. STAR Protocols, 2020, 1, 100104.	1.2	5
11	Replication stress conferred by POT1 dysfunction promotes telomere relocalization to the nuclear pore. Genes and Development, 2020, 34, 1619-1636.	5.9	36
12	Quantitative Imaging of MS2-Tagged hTR in Cajal Bodies: Photobleaching and Photoactivation. STAR Protocols, 2020, 1, 100112.	1.2	2
13	Single-Molecule Imaging of Telomerase RNA Reveals a Recruitment-Retention Model for Telomere Elongation. Molecular Cell, 2020, 79, 115-126.e6.	9.7	42
14	DNA polymerase theta (PolÎ¸) â€“ an error-prone polymerase necessary for genome stability. Current Opinion in Genetics and Development, 2020, 60, 119-126.	3.3	59
15	Single-Molecule Analysis of mtDNA Replication Uncovers the Basis of the Common Deletion. Molecular Cell, 2017, 65, 527-538.e6.	9.7	111
16	The helicase domain of PolÎ¸ counteracts RPA to promote alt-NHEJ. Nature Structural and Molecular Biology, 2017, 24, 1116-1123.	8.2	118
17	Stop pulling my strings â€" what telomeres taught us about the DNA damage response. Nature Reviews Molecular Cell Biology, 2016, 17, 364-378.	37.0	148
18	Telomere Replication Stress Induced by POT1 Inactivation Accelerates Tumorigenesis. Cell Reports, 2016, 15, 2170-2184.	6.4	94

#	Article	IF	Citations
19	Stressed telomeres without POT1 enhance tumorigenesis. Oncotarget, 2016, 7, 46833-46834.	1.8	4
20	Polymerase Î¸ is a robust terminal transferase that oscillates between three different mechanisms during end-joining. ELife, 2016, 5, .	6.0	74
21	ATM and ATR Signaling Regulate the Recruitment of Human Telomerase to Telomeres. Cell Reports, 2015, 13, 1633-1646.	6.4	118
22	Mammalian polymerase Î¸ promotes alternative NHEJ and suppresses recombination. Nature, 2015, 518, 254-257.	27.8	571
23	Microhomology-Mediated End Joining: A Back-up Survival Mechanism or Dedicated Pathway?. Trends in Biochemical Sciences, 2015, 40, 701-714.	7.5	452
24	Nontelomeric Role for Rap1 in Regulating Metabolism and Protecting against Obesity. Cell Reports, 2013, 3, 1847-1856.	6.4	89
25	Telomeres at a glance. Journal of Cell Science, 2012, 125, 4173-4178.	2.0	27
26	Removal of Shelterin Reveals the Telomere End-Protection Problem. Science, 2012, 336, 593-597.	12.6	494
27	Loss of Rap1 Induces Telomere Recombination in the Absence of NHEJ or a DNA Damage Signal. Science, 2010, 327, 1657-1661.	12.6	240
28	Mammalian Telomeres Resemble Fragile Sites and Require TRF1 for Efficient Replication. Cell, 2009, 138, 90-103.	28.9	835