

Agnel Sfeir

List of Publications by Year in descending order

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Version: 2024-02-01

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	Mammalian Telomeres Resemble Fragile Sites and Require TRF1 for Efficient Replication. <i>Cell</i> , 2009, 138, 90-103.	28.9	835
2	Mammalian polymerase $\hat{\lambda}$, promotes alternative NHEJ and suppresses recombination. <i>Nature</i> , 2015, 518, 254-257.	27.8	571
3	Removal of Shelterin Reveals the Telomere End-Protection Problem. <i>Science</i> , 2012, 336, 593-597.	12.6	494
4	Microhomology-Mediated End Joining: A Back-up Survival Mechanism or Dedicated Pathway?. <i>Trends in Biochemical Sciences</i> , 2015, 40, 701-714.	7.5	452
5	Loss of Rap1 Induces Telomere Recombination in the Absence of NHEJ or a DNA Damage Signal. <i>Science</i> , 2010, 327, 1657-1661.	12.6	240
6	Nuclear sensing of breaks in mitochondrial DNA enhances immune surveillance. <i>Nature</i> , 2021, 591, 477-481.	27.8	171
7	Stop pulling my strings “ what telomeres taught us about the DNA damage response. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 364-378.	37.0	148
8	ATM and ATR Signaling Regulate the Recruitment of Human Telomerase to Telomeres. <i>Cell Reports</i> , 2015, 13, 1633-1646.	6.4	118
9	The helicase domain of Pol $\hat{\lambda}$, counteracts RPA to promote alt-NHEJ. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 1116-1123.	8.2	118
10	Single-Molecule Analysis of mtDNA Replication Uncovers the Basis of the Common Deletion. <i>Molecular Cell</i> , 2017, 65, 527-538.e6.	9.7	111
11	Telomere Replication Stress Induced by POT1 Inactivation Accelerates Tumorigenesis. <i>Cell Reports</i> , 2016, 15, 2170-2184.	6.4	94
12	Nontelomeric Role for Rap1 in Regulating Metabolism and Protecting against Obesity. <i>Cell Reports</i> , 2013, 3, 1847-1856.	6.4	89
13	Polymerase $\hat{\lambda}$ is a robust terminal transferase that oscillates between three different mechanisms during end-joining. <i>ELife</i> , 2016, 5, .	6.0	74
14	DNA polymerase theta (Pol $\hat{\theta}$) “ an error-prone polymerase necessary for genome stability. <i>Current Opinion in Genetics and Development</i> , 2020, 60, 119-126.	3.3	59
15	Single-Molecule Imaging of Telomerase RNA Reveals a Recruitment-Retention Model for Telomere Elongation. <i>Molecular Cell</i> , 2020, 79, 115-126.e6.	9.7	42
16	Replication stress conferred by POT1 dysfunction promotes telomere relocalization to the nuclear pore. <i>Genes and Development</i> , 2020, 34, 1619-1636.	5.9	36
17	Safeguarding mitochondrial genomes in higher eukaryotes. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 687-695.	8.2	30
18	Telomeres at a glance. <i>Journal of Cell Science</i> , 2012, 125, 4173-4178.	2.0	27

#	ARTICLE	IF	CITATIONS
19	Alternative splicing is a developmental switch for hTERT expression. <i>Molecular Cell</i> , 2021, 81, 2349-2360.e6.	9.7	19
20	Stem cells at odds with telomere maintenance and protection. <i>Trends in Cell Biology</i> , 2022, 32, 527-536.	7.9	10
21	Rap1 regulates TIP60 function during fate transition between two-cell-like and pluripotent states. <i>Genes and Development</i> , 2022, 36, 313-330.	5.9	6
22	Imaging of Telomerase RNA by Single-Molecule Inexpensive FISH Combined with Immunofluorescence. <i>STAR Protocols</i> , 2020, 1, 100104.	1.2	5
23	Stressed telomeres without POT1 enhance tumorigenesis. <i>Oncotarget</i> , 2016, 7, 46833-46834.	1.8	4
24	Single-molecule analysis of mtDNA replication with high resolution. <i>Methods in Cell Biology</i> , 2020, 155, 401-414.	1.1	2
25	Quantitative Imaging of MS2-Tagged hTR in Cajal Bodies: Photobleaching and Photoactivation. <i>STAR Protocols</i> , 2020, 1, 100112.	1.2	2
26	In Vivo Analysis of mtDNA Replication at the Single Molecule Level and with High Resolution. <i>Methods in Molecular Biology</i> , 2021, 2192, 21-34.	0.9	1
27	A single-molecule view of telomerase regulation at telomeres. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1818537.	0.7	0
28	Basic science under threat: Lessons from the Skirball Institute. <i>Cell</i> , 2022, 185, 755-758.	28.9	0