

Titia de Lange

List of Publications by Year in descending order

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170
papers

45,718
citations

1980

101
h-index

4323

173
g-index

198
all docs

198
docs citations

198
times ranked

20360
citing authors

#	ARTICLE	IF	CITATIONS
1	Shelterin: the protein complex that shapes and safeguards human telomeres. <i>Genes and Development</i> , 2005, 19, 2100-2110.	2.7	2,547
2	Mammalian Telomeres End in a Large Duplex Loop. <i>Cell</i> , 1999, 97, 503-514.	13.5	2,172
3	How Shelterin Protects Mammalian Telomeres. <i>Annual Review of Genetics</i> , 2008, 42, 301-334.	3.2	1,604
4	TRF2 Protects Human Telomeres from End-to-End Fusions. <i>Cell</i> , 1998, 92, 401-413.	13.5	1,529
5	DNA Damage Foci at Dysfunctional Telomeres. <i>Current Biology</i> , 2003, 13, 1549-1556.	1.8	1,224
6	Control of telomere length by the human telomeric protein TRF1. <i>Nature</i> , 1997, 385, 740-743.	13.7	1,109
7	p53- and ATM-Dependent Apoptosis Induced by Telomeres Lacking TRF2. <i>Science</i> , 1999, 283, 1321-1325.	6.0	969
8	Tankyrase, a Poly(ADP-Ribose) Polymerase at Human Telomeres. , 1998, 282, 1484-1487.		882
9	Protection of mammalian telomeres. <i>Oncogene</i> , 2002, 21, 532-540.	2.6	879
10	Human telomeres contain two distinct Myb-related proteins, TRF1 and TRF2. <i>Nature Genetics</i> , 1997, 17, 231-235.	9.4	849
11	Mammalian Telomeres Resemble Fragile Sites and Require TRF1 for Efficient Replication. <i>Cell</i> , 2009, 138, 90-103.	13.5	835
12	Structure and variability of human chromosome ends.. <i>Molecular and Cellular Biology</i> , 1990, 10, 518-527.	1.1	773
13	Protection of telomeres through independent control of ATM and ATR by TRF2 and POT1. <i>Nature</i> , 2007, 448, 1068-1071.	13.7	738
14	Regulation of Telomerase by Telomeric Proteins. <i>Annual Review of Biochemistry</i> , 2004, 73, 177-208.	5.0	721
15	How Telomeres Solve the End-Protection Problem. <i>Science</i> , 2009, 326, 948-952.	6.0	720
16	Senescence Induced by Altered Telomere State, Not Telomere Loss. <i>Science</i> , 2002, 295, 2446-2449.	6.0	711
17	Telomerase activity in normal and malignant hematopoietic cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 9082-9086.	3.3	667
18	Control of Human Telomere Length by TRF1 and TRF2. <i>Molecular and Cellular Biology</i> , 2000, 20, 1659-1668.	1.1	663

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19	A Human Telomeric Protein. <i>Science</i> , 1995, 270, 1663-1667.	6.0	622
20	POT1 as a terminal transducer of TRF1 telomere length control. <i>Nature</i> , 2003, 423, 1013-1018.	13.7	600
21	Shelterin-Mediated Telomere Protection. <i>Annual Review of Genetics</i> , 2018, 52, 223-247.	3.2	568
22	Cell-cycle-regulated association of RAD50/MRE11/NBS1 with TRF2 and human telomeres. <i>Nature Genetics</i> , 2000, 25, 347-352.	9.4	560
23	Chromothripsis and Kataegis Induced by Telomere Crisis. <i>Cell</i> , 2015, 163, 1641-1654.	13.5	541
24	DNA processing is not required for ATM-mediated telomere damage response after TRF2 deletion. <i>Nature Cell Biology</i> , 2005, 7, 712-718.	4.6	531
25	Identification of Human Rap1. <i>Cell</i> , 2000, 101, 471-483.	13.5	518
26	53BP1 Regulates DSB Repair Using Rif1 to Control 5' End Resection. <i>Science</i> , 2013, 339, 700-704.	6.0	518
27	53BP1 promotes non-homologous end joining of telomeres by increasing chromatin mobility. <i>Nature</i> , 2008, 456, 524-528.	13.7	511
28	Telomeres in cancer: tumour suppression and genome instability. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 175-186.	16.1	505
29	Definition of regions in human c-myc that are involved in transformation and nuclear localization.. <i>Molecular and Cellular Biology</i> , 1987, 7, 1697-1709.	1.1	502
30	Removal of Shelterin Reveals the Telomere End-Protection Problem. <i>Science</i> , 2012, 336, 593-597.	6.0	494
31	Loss of ATRX, Genome Instability, and an Altered DNA Damage Response Are Hallmarks of the Alternative Lengthening of Telomeres Pathway. <i>PLoS Genetics</i> , 2012, 8, e1002772.	1.5	489
32	Homologous Recombination Generates T-Loop-Sized Deletions at Human Telomeres. <i>Cell</i> , 2004, 119, 355-368.	13.5	462
33	T-loop assembly in vitro involves binding of TRF2 near the 3' telomeric overhang. <i>EMBO Journal</i> , 2001, 20, 5532-5540.	3.5	437
34	Different telomere damage signaling pathways in human and mouse cells. <i>EMBO Journal</i> , 2002, 21, 4338-4348.	3.5	403
35	Super-Resolution Fluorescence Imaging of Telomeres Reveals TRF2-Dependent T-loop Formation. <i>Cell</i> , 2013, 155, 345-356.	13.5	400
36	POT1-interacting protein PIP1: a telomere length regulator that recruits POT1 to the TIN2/TRF1 complex. <i>Genes and Development</i> , 2004, 18, 1649-1654.	2.7	383

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37	T-loops and the origin of telomeres. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 323-329.	16.1	381
38	Tankyrase promotes telomere elongation in human cells. <i>Current Biology</i> , 2000, 10, 1299-1302.	1.8	375
39	The Causes and Consequences of Polyploidy in Normal Development and Cancer. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 585-610.	4.0	375
40	Recent Expansion of the Telomeric Complex in Rodents: Two Distinct POT1 Proteins Protect Mouse Telomeres. <i>Cell</i> , 2006, 126, 63-77.	13.5	351
41	ERCC1/XPF Removes the 3' Overhang from Uncapped Telomeres and Represses Formation of Telomeric DNA-Containing Double Minute Chromosomes. <i>Molecular Cell</i> , 2003, 12, 1489-1498.	4.5	349
42	DNA Ligase IV-Dependent NHEJ of Deprotected Mammalian Telomeres in G1 and G2. <i>Current Biology</i> , 2002, 12, 1635-1644.	1.8	336
43	53BP1 "RIF1" shieldin counteracts DSB resection through CST- and Pol δ -dependent fill-in. <i>Nature</i> , 2018, 560, 112-116.	13.7	313
44	53BP1: pro choice in DNA repair. <i>Trends in Cell Biology</i> , 2014, 24, 108-117.	3.6	308
45	The Telomeric Protein TRF2 Binds the ATM Kinase and Can Inhibit the ATM-Dependent DNA Damage Response. <i>PLoS Biology</i> , 2004, 2, e240.	2.6	306
46	Human telomeres are attached to the nuclear matrix.. <i>EMBO Journal</i> , 1992, 11, 717-724.	3.5	304
47	TRF1 is a dimer and bends telomeric DNA. <i>EMBO Journal</i> , 1997, 16, 1785-1794.	3.5	289
48	TIN2 Binds TRF1 and TRF2 Simultaneously and Stabilizes the TRF2 Complex on Telomeres. <i>Journal of Biological Chemistry</i> , 2004, 279, 47264-47271.	1.6	275
49	POT1 protects telomeres from a transient DNA damage response and determines how human chromosomes end. <i>EMBO Journal</i> , 2005, 24, 2667-2678.	3.5	269
50	Telomeric 3' Overhangs Derive from Resection by Exo1 and Apollo and Fill-In by POT1b-Associated CST. <i>Cell</i> , 2012, 150, 39-52.	13.5	269
51	β -Globin gene inactivation by DNA translocation in β -thalassaemi. <i>Nature</i> , 1983, 306, 662-666.	13.7	266
52	Ku70 stimulates fusion of dysfunctional telomeres yet protects chromosome ends from homologous recombination. <i>Nature Cell Biology</i> , 2006, 8, 885-890.	4.6	263
53	Activation of telomerase in a human tumor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 2882-2885.	3.3	261
54	An analysis of cosmid clones of nuclear DNA from <i>Trypanosoma brucei</i> shows that the genes for variant surface glycoproteins are clustered in the genome. <i>Nucleic Acids Research</i> , 1982, 10, 5905-5923.	6.5	257

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55	53BP1 and the LINC Complex Promote Microtubule-Dependent DSB Mobility and DNA Repair. <i>Cell</i> , 2015, 163, 880-893.	13.5	251
56	Persistent Telomere Damage Induces Bypass of Mitosis and Tetraploidy. <i>Cell</i> , 2010, 141, 81-93.	13.5	248
57	Loss of Rap1 Induces Telomere Recombination in the Absence of NHEJ or a DNA Damage Signal. <i>Science</i> , 2010, 327, 1657-1661.	6.0	240
58	A mammalian factor that binds telomeric TTAGGG repeats in vitro.. <i>Molecular and Cellular Biology</i> , 1992, 12, 4834-4843.	1.1	231
59	A Shared Docking Motif in TRF1 and TRF2 Used for Differential Recruitment of Telomeric Proteins. <i>Science</i> , 2008, 319, 1092-1096.	6.0	227
60	Structure, subnuclear distribution, and nuclear matrix association of the mammalian telomeric complex.. <i>Journal of Cell Biology</i> , 1996, 135, 867-881.	2.3	214
61	Tel2 Regulates the Stability of PI3K-Related Protein Kinases. <i>Cell</i> , 2007, 131, 1248-1259.	13.5	214
62	Unusual chromatin in human telomeres.. <i>Molecular and Cellular Biology</i> , 1994, 14, 5777-5785.	1.1	203
63	RNA splicing is required to make the messenger RNA for a variant surface antigen in trypanosomes. <i>Nucleic Acids Research</i> , 1982, 10, 3591-3604.	6.5	199
64	Significant Role for p16INK4a in p53-Independent Telomere-Directed Senescence. <i>Current Biology</i> , 2004, 14, 2302-2308.	1.8	199
65	In Vivo Stoichiometry of Shelterin Components. <i>Journal of Biological Chemistry</i> , 2010, 285, 1457-1467.	1.6	199
66	Genomic environment of the expression-linked extra copies of genes for surface antigens of <i>Trypanosoma brucei</i> resembles the end of a chromosome. <i>Nature</i> , 1982, 299, 451-453.	13.7	198
67	Telomere-Driven Tetraploidization Occurs in Human Cells Undergoing Crisis and Promotes Transformation of Mouse Cells. <i>Cancer Cell</i> , 2012, 21, 765-776.	7.7	197
68	Structure of the TRFH Dimerization Domain of the Human Telomeric Proteins TRF1 and TRF2. <i>Molecular Cell</i> , 2001, 8, 351-361.	4.5	196
69	t-loops at trypanosome telomeres. <i>EMBO Journal</i> , 2001, 20, 579-588.	3.5	196
70	Stringent sequence requirements for the formation of human telomeres.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8861-8865.	3.3	193
71	Telomere Protection by TPP1/POT1 Requires Tethering to TIN2. <i>Molecular Cell</i> , 2011, 44, 647-659.	4.5	193
72	TRF1 binds a bipartite telomeric site with extreme spatial flexibility. <i>EMBO Journal</i> , 1999, 18, 5735-5744.	3.5	184

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73	Apollo, an Artemis-Related Nuclease, Interacts with TRF2 and Protects Human Telomeres in S Phase. <i>Current Biology</i> , 2006, 16, 1295-1302.	1.8	183
74	Human Rif1, ortholog of a yeast telomeric protein, is regulated by ATM and 53BP1 and functions in the S-phase checkpoint. <i>Genes and Development</i> , 2004, 18, 2108-2119.	2.7	181
75	CK2 Phospho-Dependent Binding of R2TP Complex to TEL2 Is Essential for mTOR and SMG1 Stability. <i>Molecular Cell</i> , 2010, 39, 839-850.	4.5	175
76	CELL BIOLOGY: Telomeres and Senescence: Ending the Debate. <i>Science</i> , 1998, 279, 334-335.	6.0	172
77	Tel2 structure and function in the Hsp90-dependent maturation of mTOR and ATR complexes. <i>Genes and Development</i> , 2010, 24, 2019-2030.	2.7	171
78	53BP1: a DSB escort. <i>Genes and Development</i> , 2020, 34, 7-23.	2.7	170
79	Tandem repetition of the 5' mini-exon of variant surface glycoprotein genes: A multiple promoter for VSG gene transcription?. <i>Cell</i> , 1983, 34, 891-900.	13.5	169
80	Telomere protection by mammalian Pot1 requires interaction with Tpp1. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 754-761.	3.6	167
81	TIN2 is a tankyrase 1 PARP modulator in the TRF1 telomere length control complex. <i>Nature Genetics</i> , 2004, 36, 618-623.	9.4	163
82	TRF1 negotiates TTAGGG repeat-associated replication problems by recruiting the BLM helicase and the TPP1/POT1 repressor of ATR signaling. <i>Genes and Development</i> , 2014, 28, 2477-2491.	2.7	156
83	Telomere-related Genome Instability in Cancer. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2005, 70, 197-204.	2.0	155
84	Targeted Deletion Reveals an Essential Function for the Telomere Length Regulator Trf1. <i>Molecular and Cellular Biology</i> , 2003, 23, 6533-6541.	1.1	150
85	Comparison of the genes coding for the common 5' terminal sequence of messenger RNAs in three trypanosome species. <i>Nucleic Acids Research</i> , 1984, 12, 4431-4443.	6.5	148
86	Mammalian Meiotic Telomeres: Protein Composition and Redistribution in Relation to Nuclear Pores. <i>Molecular Biology of the Cell</i> , 2000, 11, 4189-4203.	0.9	142
87	How Shelterin Solves the Telomere End-Protection Problem. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010, 75, 167-177.	2.0	142
88	Rap1 Affects the Length and Heterogeneity of Human Telomeres. <i>Molecular Biology of the Cell</i> , 2003, 14, 5060-5068.	0.9	141
89	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. <i>Cell</i> , 2020, 183, 197-210.e32.	13.5	141
90	Discontinuous synthesis of mRNA in trypanosomes.. <i>EMBO Journal</i> , 1984, 3, 2387-2392.	3.5	139

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91	DNA Binding Features of Human POT1. <i>Journal of Biological Chemistry</i> , 2004, 279, 13241-13248.	1.6	139
92	Apollo Contributes to G Overhang Maintenance and Protects Leading-End Telomeres. <i>Molecular Cell</i> , 2010, 39, 606-617.	4.5	136
93	A map of the distal region of the long arm of human chromosome 21 constructed by radiation hybrid mapping and pulsed-field gel electrophoresis. <i>Genomics</i> , 1991, 9, 19-30.	1.3	135
94	Many trypanosome messenger RNAs share a common 5' terminal sequence. <i>Nucleic Acids Research</i> , 1984, 12, 3777-3790.	6.5	134
95	TRF1 promotes parallel pairing of telomeric tracts in vitro. <i>Journal of Molecular Biology</i> , 1998, 278, 79-88.	2.0	132
96	Two modes of activation of a single surface antigen gene of trypanosoma brucei. <i>Cell</i> , 1984, 36, 163-170.	13.5	126
97	Mammalian Rif1 contributes to replication stress survival and homology-directed repair. <i>Journal of Cell Biology</i> , 2009, 187, 385-398.	2.3	125
98	Ku Binds Telomeric DNA in Vitro. <i>Journal of Biological Chemistry</i> , 1999, 274, 21223-21227.	1.6	124
99	Hepatocytes with extensive telomere deprotection and fusion remain viable and regenerate liver mass through endoreduplication. <i>Genes and Development</i> , 2006, 20, 2648-2653.	2.7	119
100	ATM and ATR Signaling Regulate the Recruitment of Human Telomerase to Telomeres. <i>Cell Reports</i> , 2015, 13, 1633-1646.	2.9	118
101	For Better or Worse? Telomerase Inhibition and Cancer. <i>Cell</i> , 1999, 98, 273-275.	13.5	114
102	TRF1, a mammalian telomeric protein. <i>Trends in Genetics</i> , 1997, 13, 21-26.	2.9	109
103	Functional Dissection of Human and Mouse POT1 Proteins. <i>Molecular and Cellular Biology</i> , 2009, 29, 471-482.	1.1	109
104	The Role of Double-Strand Break Repair Pathways at Functional and Dysfunctional Telomeres. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016576-a016576.	2.3	107
105	APOBEC3-dependent kataegis and TREX1-driven chromothripsis during telomere crisis. <i>Nature Genetics</i> , 2020, 52, 884-890.	9.4	106
106	Telomere Protection by TPP1 Is Mediated by POT1a and POT1b. <i>Molecular and Cellular Biology</i> , 2010, 30, 1059-1066.	1.1	105
107	Cell Cycle-Dependent Role of MRN at Dysfunctional Telomeres: ATM Signaling-Dependent Induction of Nonhomologous End Joining (NHEJ) in G ₁ and Resection-Mediated Inhibition of NHEJ in G ₂ . <i>Molecular and Cellular Biology</i> , 2009, 29, 5552-5563.	1.1	104
108	Engineered telomere degradation models dyskeratosis congenita. <i>Genes and Development</i> , 2008, 22, 1773-1785.	2.7	100

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109	Comparison of the human and mouse genes encoding the telomeric protein, TRF1: chromosomal localization, expression and conserved protein domains. <i>Human Molecular Genetics</i> , 1997, 6, 69-76.	1.4	86
110	MDC1 accelerates nonhomologous end-joining of dysfunctional telomeres. <i>Genes and Development</i> , 2006, 20, 3238-3243.	2.7	85
111	Cell cycle control of telomere protection and NHEJ revealed by a ts mutation in the DNA-binding domain of TRF2. <i>Genes and Development</i> , 2008, 22, 1221-1230.	2.7	82
112	Telomere conversion in trypanosomes. <i>Nucleic Acids Research</i> , 1983, 11, 8149-8165.	6.5	80
113	Telomeric structure in cells with chromosome end associations. <i>Chromosoma</i> , 1993, 102, 121-128.	1.0	79
114	A Shld1-Controlled POT1a Provides Support for Repression of ATR Signaling at Telomeres through RPA Exclusion. <i>Molecular Cell</i> , 2010, 40, 377-387.	4.5	79
115	Telomere-Internal Double-Strand Breaks Are Repaired by Homologous Recombination and PARP1/Lig3-Dependent End-Joining. <i>Cell Reports</i> , 2016, 17, 1646-1656.	2.9	78
116	p16INK4a as a Second Effector of the Telomere Damage Pathway. <i>Cell Cycle</i> , 2005, 4, 1364-1368.	1.3	77
117	A POT1 mutation implicates defective telomere end fill-in and telomere truncations in Coats plus. <i>Genes and Development</i> , 2016, 30, 812-826.	2.7	77
118	A Xenopus egg factor with DNA-binding properties characteristic of terminus-specific telomeric proteins.. <i>Genes and Development</i> , 1993, 7, 883-894.	2.7	69
119	TRF2-Tethered TIN2 Can Mediate Telomere Protection by TPP1/POT1. <i>Molecular and Cellular Biology</i> , 2014, 34, 1349-1362.	1.1	69
120	Unlimited Mileage from Telomerase?. <i>Science</i> , 1999, 283, 947-949.	6.0	66
121	CELL BIOLOGY: Enhanced: Telomere Capping--One Strand Fits All. <i>Science</i> , 2001, 292, 1075-1076.	6.0	65
122	Ending up with the right partner. <i>Nature</i> , 1998, 392, 753-754.	13.7	64
123	Role of 53BP1 oligomerization in regulating double-strand break repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2146-2151.	3.3	64
124	The Role of the Poly(ADP-ribose) Polymerase Tankyrase1 in Telomere Length Control by the TRF1 Component of the Shelterin Complex. <i>Journal of Biological Chemistry</i> , 2007, 282, 22662-22667.	1.6	63
125	TRF2 binds branched DNA to safeguard telomere integrity. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 734-742.	3.6	63
126	Telomere Recognition and Assembly Mechanism of Mammalian Shelterin. <i>Cell Reports</i> , 2017, 18, 41-53.	2.9	61

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127	Mutations that affect meiosis in male mice influence the dynamics of the mid-preleptotene and bouquet stages. <i>Experimental Cell Research</i> , 2006, 312, 3768-3781.	1.2	59
128	The control of variant surface antigen synthesis in trypanosomes. <i>FEBS Journal</i> , 1983, 137, 383-389.	0.2	56
129	TALEN Gene Knockouts Reveal No Requirement for the Conserved Human Shelterin Protein Rap1 in Telomere Protection and Length Regulation. <i>Cell Reports</i> , 2014, 9, 1273-1280.	2.9	56
130	A loopy view of telomere evolution. <i>Frontiers in Genetics</i> , 2015, 6, 321.	1.1	56
131	NMR structure of the hrap1 myb motif reveals a canonical three-helix bundle lacking the positive surface charge typical of myb DNA-binding domains 1 Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 2001, 312, 167-175.	2.0	55
132	Shelterin. <i>Current Biology</i> , 2016, 26, R397-R399.	1.8	55
133	The DDR at telomeres lacking intact shelterin does not require substantial chromatin decompaction. <i>Genes and Development</i> , 2017, 31, 578-589.	2.7	54
134	A TIN2 dyskeratosis congenita mutation causes telomerase-independent telomere shortening in mice. <i>Genes and Development</i> , 2014, 28, 153-166.	2.7	49
135	TPP1 Blocks an ATR-Mediated Resection Mechanism at Telomeres. <i>Molecular Cell</i> , 2016, 61, 236-246.	4.5	48
136	Nuclear Envelope Rupture Is Enhanced by Loss of p53 or Rb. <i>Molecular Cancer Research</i> , 2017, 15, 1579-1586.	1.5	48
137	A TRF1-controlled common fragile site containing interstitial telomeric sequences. <i>Chromosoma</i> , 2012, 121, 465-474.	1.0	46
138	ATRX affects the repair of telomeric DSBs by promoting cohesion and a DAXX-dependent activity. <i>PLoS Biology</i> , 2020, 18, e3000594.	2.6	46
139	Tubulin mRNAs of <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1986, 188, 393-402.	2.0	44
140	Break-induced replication promotes fragile telomere formation. <i>Genes and Development</i> , 2020, 34, 1392-1405.	2.7	41
141	Binding of TPP1 Protein to TIN2 Protein Is Required for POT1a,b Protein-mediated Telomere Protection. <i>Journal of Biological Chemistry</i> , 2014, 289, 24180-24187.	1.6	40
142	Cryo-EM structure of the human CST α -Pol δ /primase complex in a recruitment state. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 813-819.	3.6	40
143	Energy requirement for maintenance of the transmembrane potassium gradient in <i>Klebsiella aerogenes</i> NCTC 418: A continuous culture study. <i>Archives of Microbiology</i> , 1979, 123, 183-188.	1.0	38
144	Autoantibodies to DEK oncoprotein in a patient with systemic lupus erythematosus and sarcoidosis. <i>Arthritis and Rheumatism</i> , 1998, 41, 1505-1510.	6.7	38

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145	Rap1-independent telomere attachment and bouquet formation in mammalian meiosis. <i>Chromosoma</i> , 2011, 120, 151-157.	1.0	37
146	No Overt Nucleosome Eviction at Deprotected Telomeres. <i>Molecular and Cellular Biology</i> , 2008, 28, 5724-5735.	1.1	36
147	The role of ferritin in developing primary bean leaves under various light conditions. <i>Planta</i> , 1981, 153, 338-342.	1.6	34
148	Coincident multiple activations of the same surface antigen gene in <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1987, 194, 81-90.	2.0	34
149	Characterization of t-loop formation by TRF2. <i>Nucleus</i> , 2020, 11, 164-177.	0.6	34
150	Protection of telomeres 1 proteins POT1a and POT1b can repress ATR signaling by RPA exclusion, but binding to CST limits ATR repression by POT1b. <i>Journal of Biological Chemistry</i> , 2018, 293, 14384-14392.	1.6	33
151	Taking apart Rap1. <i>Cell Cycle</i> , 2010, 9, 4061-4067.	1.3	28
152	53BP1 shieldin-dependent DSB processing in BRCA1-deficient cells requires CST Pol δ primase fill-in synthesis. <i>Nature Cell Biology</i> , 2022, 24, 51-61.	4.6	28
153	Transcription of a transposed trypanosome surface antigen gene starts upstream of the transposed segment.. <i>EMBO Journal</i> , 1985, 4, 3299-3306.	3.5	27
154	Rapid change of the repertoire of variant surface glycoprotein genes in trypanosomes by gene duplication and deletion. <i>Journal of Molecular Biology</i> , 1986, 190, 1-10.	2.0	27
155	TINF2 is a haploinsufficient tumor suppressor that limits telomere length. <i>ELife</i> , 2020, 9, .	2.8	27
156	The evolution of metazoan shelterin. <i>Genes and Development</i> , 2021, 35, 1625-1641.	2.7	27
157	A New Connection at Human Telomeres: Association of the Mre11 Complex with TRF2. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2000, 65, 265-274.	2.0	22
158	Telomere biology and DNA repair: Enemies with benefits. <i>FEBS Letters</i> , 2010, 584, 3673-3674.	1.3	17
159	PHF11 promotes DSB resection, ATR signaling, and HR. <i>Genes and Development</i> , 2017, 31, 46-58.	2.7	17
160	Structural variant evolution after telomere crisis. <i>Nature Communications</i> , 2021, 12, 2093.	5.8	16
161	Chromosomal Mapping of the Tankyrase Gene in Human and Mouse. <i>Genomics</i> , 1999, 57, 320-321.	1.3	15
162	The Molecular Biology of Antigenic Variation in Trypanosomes: Gene Rearrangements and Discontinuous Transcription. <i>International Review of Cytology</i> , 1986, 99, 85-117.	6.2	10

#	ARTICLE	IF	CITATIONS
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168	Protection of mammalian telomeres. , 0, .		4
169	Human Telomerase Caught in the Act. <i>Cell</i> , 2009, 138, 432-434.	13.5	3
170	Expression of BRCA1, BRCA2, RAD51, and other DSB repair factors is regulated by CRL4WDR70. <i>DNA Repair</i> , 2022, 113, 103320.	1.3	2