Titia de Lange

List of Publications by Year in Descending Order

169 papers	38,512 citations	96 h-index	196 g-index
197 ext. papers	42,411 ext. citations	19.6 avg, IF	7.89 L-index

#	Paper	IF	Citations
169	53BP1-shieldin-dependent DSB processing in BRCA1-deficient cells requires CST-Pol□primase fill-in synthesis.. *Nature Cell Biology*, **2022**, 24, 51-61	23.4	4
168	Expression of BRCA1, BRCA2, RAD51, and other DSB repair factors is regulated by CRL4.. *DNA Repair*, **2022**, 113, 103320	4.3	0
167	The evolution of metazoan shelterin. *Genes and Development*, **2021**, 35, 1625-1641	12.6	2
166	Structural variant evolution after telomere crisis. *Nature Communications*, **2021**, 12, 2093	17.4	3
165	Characterization of t-loop formation by TRF2. *Nucleus*, **2020**, 11, 164-177	3.9	9
164	is a haploinsufficient tumor suppressor that limits telomere length. *ELife*, **2020**, 9,	8.9	7
163	ATRX affects the repair of telomeric DSBs by promoting cohesion and a DAXX-dependent activity. *PLoS Biology*, **2020**, 18, e3000594	9.7	17
162	53BP1: a DSB escort. *Genes and Development*, **2020**, 34, 7-23	12.6	88
161	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. *Cell*, **2020**, 183, 197-210.e32	56.2	45
160	APOBEC3-dependent kataegis and TREX1-driven chromothripsis during telomere crisis. *Nature Genetics*, **2020**, 52, 884-890	36.3	43
159	Break-induced replication promotes fragile telomere formation. *Genes and Development*, **2020**, 34, 1392-1405	12.6	18
158	53BP1-RIF1-shieldin counteracts DSB resection through CST- and Pol□dependent fill-in. *Nature*, **2018**, 560, 112-116	50.4	191
157	Shelterin-Mediated Telomere Protection. *Annual Review of Genetics*, **2018**, 52, 223-247	14.5	275
156	Protection of telomeres 1 proteins POT1a and POT1b can repress ATR signaling by RPA exclusion, but binding to CST limits ATR repression by POT1b. *Journal of Biological Chemistry*, **2018**, 293, 14384-14392	5.4	19
155	What I got wrong about shelterin. *Journal of Biological Chemistry*, **2018**, 293, 10453-10456	5.4	5
154	Telomeres in cancer: tumour suppression and genome instability. *Nature Reviews Molecular Cell Biology*, **2017**, 18, 175-186	48.7	333
153	PHF11 promotes DSB resection, ATR signaling, and HR. *Genes and Development*, **2017**, 31, 46-58	12.6	15

152	The DDR at telomeres lacking intact shelterin does not require substantial chromatin decompaction. *Genes and Development*, **2017**, 31, 578-589	12.6	31
151	Telomere Recognition and Assembly Mechanism of Mammalian Shelterin. *Cell Reports*, **2017**, 18, 41-53	10.6	43
150	Not just Salk. *Science*, **2017**, 357, 1105-1106	33.3	3
149	Nuclear Envelope Rupture Is Enhanced by Loss of p53 or Rb. *Molecular Cancer Research*, **2017**, 15, 1579-1586	6.6	32
148	TRF2 binds branched DNA to safeguard telomere integrity. *Nature Structural and Molecular Biology*, **2017**, 24, 734-742	17.6	47
147	Telomere-Internal Double-Strand Breaks Are Repaired by Homologous Recombination and PARP1/Lig3-Dependent End-Joining. *Cell Reports*, **2016**, 17, 1646-1656	10.6	52
146	TPP1 Blocks an ATR-Mediated Resection Mechanism at Telomeres. *Molecular Cell*, **2016**, 61, 236-46	17.6	39
145	A POT1 mutation implicates defective telomere end fill-in and telomere truncations in Coats plus. *Genes and Development*, **2016**, 30, 812-26	12.6	50
144	Shelterin. *Current Biology*, **2016**, 26, R397-9	6.3	45
143	53BP1 and the LINC Complex Promote Microtubule-Dependent DSB Mobility and DNA Repair. *Cell*, **2015**, 163, 880-93	56.2	181
142	ATM and ATR Signaling Regulate the Recruitment of Human Telomerase to Telomeres. *Cell Reports*, **2015**, 13, 1633-46	10.6	84
141	A loopy view of telomere evolution. *Frontiers in Genetics*, **2015**, 6, 321	4.5	41
140	Chromothripsis and Kataegis Induced by Telomere Crisis. *Cell*, **2015**, 163, 1641-54	56.2	371
139	53BP1: pro choice in DNA repair. *Trends in Cell Biology*, **2014**, 24, 108-17	18.3	240
138	TRF2-tethered TIN2 can mediate telomere protection by TPP1/POT1. *Molecular and Cellular Biology* , **2014**, 34, 1349-62	4.8	51
137	The role of double-strand break repair pathways at functional and dysfunctional telomeres. *Cold Spring Harbor Perspectives in Biology*, **2014**, 6, a016576	10.2	89
136	A TIN2 dyskeratosis congenita mutation causes telomerase-independent telomere shortening in mice. *Genes and Development*, **2014**, 28, 153-66	12.6	38
135	TALEN gene knockouts reveal no requirement for the conserved human shelterin protein Rap1 in telomere protection and length regulation. *Cell Reports*, **2014**, 9, 1273-80	10.6	47

134	TRF1 negotiates TTAGGG repeat-associated replication problems by recruiting the BLM helicase and the TPP1/POT1 repressor of ATR signaling. *Genes and Development*, **2014**, 28, 2477-91	12.6	119
133	Binding of TPP1 protein to TIN2 protein is required for POT1a,b protein-mediated telomere protection. *Journal of Biological Chemistry*, **2014**, 289, 24180-7	5.4	32
132	Super-resolution fluorescence imaging of telomeres reveals TRF2-dependent T-loop formation. *Cell* , **2013**, 155, 345-356	56.2	315
131	53BP1 regulates DSB repair using Rif1 to control 5Tend resection. *Science*, **2013**, 339, 700-4	33.3	431
130	Role of 53BP1 oligomerization in regulating double-strand break repair. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 2146-51	11.5	53
129	Telomeric 3Toverhangs derive from resection by Exo1 and Apollo and fill-in by POT1b-associated CST. *Cell*, **2012**, 150, 39-52	56.2	204
128	A TRF1-controlled common fragile site containing interstitial telomeric sequences. *Chromosoma*, **2012**, 121, 465-74	2.8	38
127	Removal of shelterin reveals the telomere end-protection problem. *Science*, **2012**, 336, 593-7	33.3	400
126	Telomere-driven tetraploidization occurs in human cells undergoing crisis and promotes transformation of mouse cells. *Cancer Cell*, **2012**, 21, 765-76	24.3	158
125	Loss of ATRX, genome instability, and an altered DNA damage response are hallmarks of the alternative lengthening of telomeres pathway. *PLoS Genetics*, **2012**, 8, e1002772	6	385
124	Telomere protection by TPP1/POT1 requires tethering to TIN2. *Molecular Cell*, **2011**, 44, 647-59	17.6	154
123	The causes and consequences of polyploidy in normal development and cancer. *Annual Review of Cell and Developmental Biology*, **2011**, 27, 585-610	12.6	301
122	Rap1-independent telomere attachment and bouquet formation in mammalian meiosis. *Chromosoma*, **2011**, 120, 151-7	2.8	31
121	Tel2 structure and function in the Hsp90-dependent maturation of mTOR and ATR complexes. *Genes and Development*, **2010**, 24, 2019-30	12.6	135
120	In vivo stoichiometry of shelterin components. *Journal of Biological Chemistry*, **2010**, 285, 1457-67	5.4	163
119	Loss of Rap1 induces telomere recombination in the absence of NHEJ or a DNA damage signal. *Science*, **2010**, 327, 1657-61	33.3	196
118	Telomere protection by TPP1 is mediated by POT1a and POT1b. *Molecular and Cellular Biology*, **2010**, 30, 1059-66	4.8	88
117	Taking apart Rap1: an adaptor protein with telomeric and non-telomeric functions. *Cell Cycle*, **2010**, 9, 4061-7	4.7	25

116	How shelterin solves the telomere end-protection problem. *Cold Spring Harbor Symposia on Quantitative Biology*, **2010**, 75, 167-77	3.9	114
115	Apollo contributes to G overhang maintenance and protects leading-end telomeres. *Molecular Cell*, **2010**, 39, 606-17	17.6	110
114	CK2 phospho-dependent binding of R2TP complex to TEL2 is essential for mTOR and SMG1 stability. *Molecular Cell*, **2010**, 39, 839-50	17.6	145
113	A Shld1-controlled POT1a provides support for repression of ATR signaling at telomeres through RPA exclusion. *Molecular Cell*, **2010**, 40, 377-87	17.6	66
112	Persistent telomere damage induces bypass of mitosis and tetraploidy. *Cell*, **2010**, 141, 81-93	56.2	204
111	Telomere biology and DNA repair: enemies with benefits. *FEBS Letters*, **2010**, 584, 3673-4	3.8	14
110	Functional dissection of human and mouse POT1 proteins. *Molecular and Cellular Biology*, **2009**, 29, 471-82	4.8	93
109	Cell cycle-dependent role of MRN at dysfunctional telomeres: ATM signaling-dependent induction of nonhomologous end joining (NHEJ) in G1 and resection-mediated inhibition of NHEJ in G2. *Molecular and Cellular Biology*, **2009**, 29, 5552-63	4.8	84
108	Mammalian Rif1 contributes to replication stress survival and homology-directed repair. *Journal of Cell Biology*, **2009**, 187, 385-98	7.3	101
107	Mammalian telomeres resemble fragile sites and require TRF1 for efficient replication. *Cell*, **2009**, 138, 90-103	56.2	703
106	Human telomerase caught in the act. *Cell*, **2009**, 138, 432-4	56.2	1
105	How telomeres solve the end-protection problem. *Science*, **2009**, 326, 948-52	33.3	595
104	53BP1 promotes non-homologous end joining of telomeres by increasing chromatin mobility. *Nature*, **2008**, 456, 524-8	50.4	436
103	How shelterin protects mammalian telomeres. *Annual Review of Genetics*, **2008**, 42, 301-34	14.5	1366
102	Engineered telomere degradation models dyskeratosis congenita. *Genes and Development*, **2008**, 22, 1773-85	12.6	90
101	No overt nucleosome eviction at deprotected telomeres. *Molecular and Cellular Biology*, **2008**, 28, 5724-35	4.8	33
100	A shared docking motif in TRF1 and TRF2 used for differential recruitment of telomeric proteins. *Science*, **2008**, 319, 1092-6	33.3	189
99	Cell cycle control of telomere protection and NHEJ revealed by a ts mutation in the DNA-binding domain of TRF2. *Genes and Development*, **2008**, 22, 1221-30	12.6	70

98	Telomere protection by mammalian Pot1 requires interaction with Tpp1. *Nature Structural and Molecular Biology*, **2007**, 14, 754-61	17.6	140
97	Protection of telomeres through independent control of ATM and ATR by TRF2 and POT1. *Nature*, **2007**, 448, 1068-71	50.4	632
96	The role of the poly(ADP-ribose) polymerase tankyrase1 in telomere length control by the TRF1 component of the shelterin complex. *Journal of Biological Chemistry*, **2007**, 282, 22662-7	5.4	54
95	Tel2 regulates the stability of PI3K-related protein kinases. *Cell*, **2007**, 131, 1248-59	56.2	178
94	Apollo, an Artemis-related nuclease, interacts with TRF2 and protects human telomeres in S phase. *Current Biology*, **2006**, 16, 1295-302	6.3	143
93	MDC1 accelerates nonhomologous end-joining of dysfunctional telomeres. *Genes and Development*, **2006**, 20, 3238-43	12.6	74
92	Hepatocytes with extensive telomere deprotection and fusion remain viable and regenerate liver mass through endoreduplication. *Genes and Development*, **2006**, 20, 2648-53	12.6	90
91	Mutations that affect meiosis in male mice influence the dynamics of the mid-preleptotene and bouquet stages. *Experimental Cell Research*, **2006**, 312, 3768-81	4.2	50
90	Recent expansion of the telomeric complex in rodents: Two distinct POT1 proteins protect mouse telomeres. *Cell*, **2006**, 126, 63-77	56.2	310
89	Lasker Laurels for telomerase. *Cell*, **2006**, 126, 1017-20	56.2	6
88	Ku70 stimulates fusion of dysfunctional telomeres yet protects chromosome ends from homologous recombination. *Nature Cell Biology*, **2006**, 8, 885-90	23.4	224
87	p16INK4a as a second effector of the telomere damage pathway. *Cell Cycle*, **2005**, 4, 1364-8	4.7	72
86	Telomere-related genome instability in cancer. *Cold Spring Harbor Symposia on Quantitative Biology*, **2005**, 70, 197-204	3.9	131
85	Shelterin: the protein complex that shapes and safeguards human telomeres. *Genes and Development*, **2005**, 19, 2100-10	12.6	2120
84	DNA processing is not required for ATM-mediated telomere damage response after TRF2 deletion. *Nature Cell Biology*, **2005**, 7, 712-8	23.4	469
83	POT1 protects telomeres from a transient DNA damage response and determines how human chromosomes end. *EMBO Journal*, **2005**, 24, 2667-78	13	235
82	POT1-interacting protein PIP1: a telomere length regulator that recruits POT1 to the TIN2/TRF1 complex. *Genes and Development*, **2004**, 18, 1649-54	12.6	318
81	DNA binding features of human POT1: a nonamer 5′TAGGGTTAG-3′minimal binding site, sequence specificity, and internal binding to multimeric sites. *Journal of Biological Chemistry*, **2004**, 279, 13241-8	5.4	115

80	Human Rif1, ortholog of a yeast telomeric protein, is regulated by ATM and 53BP1 and functions in the S-phase checkpoint. *Genes and Development*, **2004**, 18, 2108-19	12.6	152
79	TIN2 binds TRF1 and TRF2 simultaneously and stabilizes the TRF2 complex on telomeres. *Journal of Biological Chemistry*, **2004**, 279, 47264-71	5.4	229
78	The telomeric protein TRF2 binds the ATM kinase and can inhibit the ATM-dependent DNA damage response. *PLoS Biology*, **2004**, 2, E240	9.7	261
77	TIN2 is a tankyrase 1 PARP modulator in the TRF1 telomere length control complex. *Nature Genetics*, **2004**, 36, 618-23	36.3	141
76	T-loops and the origin of telomeres. *Nature Reviews Molecular Cell Biology*, **2004**, 5, 323-9	48.7	340
75	Significant role for p16INK4a in p53-independent telomere-directed senescence. *Current Biology*, **2004**, 14, 2302-8	6.3	177
74	Regulation of telomerase by telomeric proteins. *Annual Review of Biochemistry*, **2004**, 73, 177-208	29.1	668
73	Homologous recombination generates T-loop-sized deletions at human telomeres. *Cell*, **2004**, 119, 355-68	56.2	418
72	Telomerase regulation at the telomere: a binary switch. *Cell*, **2004**, 117, 279-80	56.2	9
71	Targeted deletion reveals an essential function for the telomere length regulator Trf1. *Molecular and Cellular Biology*, **2003**, 23, 6533-41	4.8	137
70	DNA damage foci at dysfunctional telomeres. *Current Biology*, **2003**, 13, 1549-56	6.3	1082
69	POT1 as a terminal transducer of TRF1 telomere length control. *Nature*, **2003**, 423, 1013-8	50.4	520
68	ERCC1/XPF removes the 3Toverhang from uncapped telomeres and represses formation of telomeric DNA-containing double minute chromosomes. *Molecular Cell*, **2003**, 12, 1489-98	17.6	319
67	Rap1 affects the length and heterogeneity of human telomeres. *Molecular Biology of the Cell*, **2003**, 14, 5060-8	3.5	123
66	DNA ligase IV-dependent NHEJ of deprotected mammalian telomeres in G1 and G2. *Current Biology* , **2002**, 12, 1635-44	6.3	301
65	Protection of mammalian telomeres. *Oncogene*, **2002**, 21, 532-40	9.2	806
64	Different telomere damage signaling pathways in human and mouse cells. *EMBO Journal*, **2002**, 21, 4338-48	13	353
63	Senescence induced by altered telomere state, not telomere loss. *Science*, **2002**, 295, 2446-9	33.3	638

62	T-loop assembly in vitro involves binding of TRF2 near the 3Ttelomeric overhang. *EMBO Journal*, **2001**, 20, 5532-40	13	367
61	t-loops at trypanosome telomeres. *EMBO Journal*, **2001**, 20, 579-88	13	159
60	Cell biology. Telomere capping--one strand fits all. *Science*, **2001**, 292, 1075-6	33.3	55
59	NMR structure of the hRap1 Myb motif reveals a canonical three-helix bundle lacking the positive surface charge typical of Myb DNA-binding domains. *Journal of Molecular Biology*, **2001**, 312, 167-75	6.5	42
58	Structure of the TRFH dimerization domain of the human telomeric proteins TRF1 and TRF2. *Molecular Cell*, **2001**, 8, 351-61	17.6	161
57	Cell-cycle-regulated association of RAD50/MRE11/NBS1 with TRF2 and human telomeres. *Nature Genetics*, **2000**, 25, 347-52	36.3	509
56	Tankyrase promotes telomere elongation in human cells. *Current Biology*, **2000**, 10, 1299-302	6.3	343
55	Control of human telomere length by TRF1 and TRF2. *Molecular and Cellular Biology*, **2000**, 20, 1659-68	4.8	593
54	Mammalian meiotic telomeres: protein composition and redistribution in relation to nuclear pores. *Molecular Biology of the Cell*, **2000**, 11, 4189-203	3.5	129
53	Identification of human Rap1: implications for telomere evolution. *Cell*, **2000**, 101, 471-83	56.2	451
52	A new connection at human telomeres: association of the Mre11 complex with TRF2. *Cold Spring Harbor Symposia on Quantitative Biology*, **2000**, 65, 265-73	3.9	19
51	Ku binds telomeric DNA in vitro. *Journal of Biological Chemistry*, **1999**, 274, 21223-7	5.4	104
50	TRF1 binds a bipartite telomeric site with extreme spatial flexibility. *EMBO Journal*, **1999**, 18, 5735-44	13	151
49	Unlimited mileage from telomerase?. *Science*, **1999**, 283, 947-9	33.3	56
48	p53- and ATM-dependent apoptosis induced by telomeres lacking TRF2. *Science*, **1999**, 283, 1321-5	33.3	856
47	Mammalian telomeres end in a large duplex loop. *Cell*, **1999**, 97, 503-14	56.2	1881
46	For better or worse? Telomerase inhibition and cancer. *Cell*, **1999**, 98, 273-5	56.2	98
45	Chromosomal mapping of the tankyrase gene in human and mouse. *Genomics*, **1999**, 57, 320-1	4.3	14

44	Autoantibodies to DEK oncoprotein in a patient with systemic lupus erythematosus and sarcoidosis. *Arthritis and Rheumatism*, **1998**, 41, 1505-10		35
43	TRF2 protects human telomeres from end-to-end fusions. *Cell*, **1998**, 92, 401-13	56.2	1372
42	TRF1 promotes parallel pairing of telomeric tracts in vitro. *Journal of Molecular Biology*, **1998**, 278, 79-88	6.5	119
41	Telomeres and senescence: ending the debate. *Science*, **1998**, 279, 334-5	33.3	150
40	Tankyrase, a poly(ADP-ribose) polymerase at human telomeres. *Science*, **1998**, 282, 1484-7	33.3	768
39	Comparison of the human and mouse genes encoding the telomeric protein, TRF1: chromosomal localization, expression and conserved protein domains. *Human Molecular Genetics*, **1997**, 6, 69-76	5.6	72
38	Human telomeres contain two distinct Myb-related proteins, TRF1 and TRF2. *Nature Genetics*, **1997**, 17, 231-5	36.3	732
37	Control of telomere length by the human telomeric protein TRF1. *Nature*, **1997**, 385, 740-3	50.4	1014
36	TRF1, a mammalian telomeric protein. *Trends in Genetics*, **1997**, 13, 21-6	8.5	93
35	TRF1 is a dimer and bends telomeric DNA. *EMBO Journal*, **1997**, 16, 1785-94	13	234
34	Structure, subnuclear distribution, and nuclear matrix association of the mammalian telomeric complex. *Journal of Cell Biology*, **1996**, 135, 867-81	7.3	194
33	In search of vertebrate telomeric proteins. *Seminars in Cell and Developmental Biology*, **1996**, 7, 23-29	7.5	6
32	A human telomeric protein. *Science*, **1995**, 270, 1663-7	33.3	532
31	Telomerase activity in normal and malignant hematopoietic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 9082-6	11.5	629
30	Unusual chromatin in human telomeres. *Molecular and Cellular Biology*, **1994**, 14, 5777-85	4.8	188
29	Activation of telomerase in a human tumor. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 2882-5	11.5	236
28	Stringent sequence requirements for the formation of human telomeres. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 8861-5	11.5	172
27	A Xenopus egg factor with DNA-binding properties characteristic of terminus-specific telomeric proteins. *Genes and Development*, **1993**, 7, 883-94	12.6	62

26	Telomeric structure in cells with chromosome end associations. *Chromosoma*, **1993**, 102, 121-8	2.8	73
25	A mammalian factor that binds telomeric TTAGGG repeats in vitro. *Molecular and Cellular Biology*, **1992**, 12, 4834-43	4.8	204
24	Human telomeres are attached to the nuclear matrix.. *EMBO Journal*, **1992**, 11, 717-724	13	220
23	A map of the distal region of the long arm of human chromosome 21 constructed by radiation hybrid mapping and pulsed-field gel electrophoresis. *Genomics*, **1991**, 9, 19-30	4.3	122
22	Structure and variability of human chromosome ends. *Molecular and Cellular Biology*, **1990**, 10, 518-27	4.8	708
21	Definition of regions in human c-myc that are involved in transformation and nuclear localization. *Molecular and Cellular Biology*, **1987**, 7, 1697-709	4.8	481
20	Coincident multiple activations of the same surface antigen gene in Trypanosoma brucei. *Journal of Molecular Biology*, **1987**, 194, 81-90	6.5	30
19	Rapid change of the repertoire of variant surface glycoprotein genes in trypanosomes by gene duplication and deletion. *Journal of Molecular Biology*, **1986**, 190, 1-10	6.5	27
18	Tubulin mRNAs of Trypanosoma brucei. *Journal of Molecular Biology*, **1986**, 188, 393-402	6.5	40
17	The molecular biology of antigenic variation in trypanosomes: gene rearrangements and discontinuous transcription. *International Review of Cytology*, **1986**, 99, 85-117		9
16	Transcription of a transposed trypanosome surface antigen gene starts upstream of the transposed segment.. *EMBO Journal*, **1985**, 4, 3299-3306	13	21
15	Discontinuous synthesis of mRNA in trypanosomes.. *EMBO Journal*, **1984**, 3, 2387-2392	13	84
14	Many trypanosome messenger RNAs share a common 5Tterminal sequence. *Nucleic Acids Research*, **1984**, 12, 3777-90	20.1	124
13	Comparison of the genes coding for the common 5Tterminal sequence of messenger RNAs in three trypanosome species. *Nucleic Acids Research*, **1984**, 12, 4431-43	20.1	139
12	Two modes of activation of a single surface antigen gene of Trypanosoma brucei. *Cell*, **1984**, 36, 163-70	56.2	125
11	Tandem repetition of the 5Tmini-exon of variant surface glycoprotein genes: a multiple promoter for VSG gene transcription?. *Cell*, **1983**, 34, 891-900	56.2	148
10	Telomere conversion in trypanosomes. *Nucleic Acids Research*, **1983**, 11, 8149-65	20.1	78
9	Beta-globin gene inactivation by DNA translocation in gamma beta-thalassaemia. *Nature*, **1983**, 306, 662-6	50.4	243

8	The control of variant surface antigen synthesis in trypanosomes. *FEBS Journal*, **1983**, 137, 383-9		48
7	An analysis of cosmid clones of nuclear DNA from Trypanosoma brucei shows that the genes for variant surface glycoproteins are clustered in the genome. *Nucleic Acids Research*, **1982**, 10, 5905-23	20.1	245
6	RNA splicing is required to make the messenger RNA for a variant surface antigen in trypanosomes. *Nucleic Acids Research*, **1982**, 10, 3591-604	20.1	183
5	Genomic environment of the expression-linked extra copies of genes for surface antigens of Trypanosoma brucei resembles the end of a chromosome. *Nature*, **1982**, 299, 451-3	50.4	180
4	The role of ferritin in developing primary bean leaves under various light conditions. *Planta*, **1981**, 153, 338-42	4.7	27
3	Energy requirement for maintenance of the transmembrane potassium gradient in Klebsiella aerogenes NCTC 418: a continuous culture study. *Archives of Microbiology*, **1979**, 123, 183-8	3	34
2	Protection of mammalian telomeres		4
1	APOBEC3B-dependent kataegis and TREX1-driven chromothripsis in telomere crisis		9