

# Toru M Nakamura

## List of Publications by Year in descending order

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38  
papers

4,308  
citations

279701

23  
h-index

315616

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39  
all docs

39  
docs citations

39  
times ranked

3311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Telomerase Catalytic Subunit Homologs from Fission Yeast and Human. <i>Science</i> , 1997, 277, 955-959.	6.0	2,138
2	Reversing Time: Origin of Telomerase. <i>Cell</i> , 1998, 92, 587-590.	13.5	298
3	Two Modes of Survival of Fission Yeast Without Telomerase. , 1998, 282, 493-496.		259
4	Histone H2A Phosphorylation Controls Crb2 Recruitment at DNA Breaks, Maintains Checkpoint Arrest, and Influences DNA Repair in Fission Yeast. <i>Molecular and Cellular Biology</i> , 2004, 24, 6215-6230.	1.1	180
5	Histone modification-dependent and -independent pathways for recruitment of checkpoint protein Crb2 to double-strand breaks. <i>Genes and Development</i> , 2006, 20, 1583-1596.	2.7	131
6	Telomere Binding of Checkpoint Sensor and DNA Repair Proteins Contributes to Maintenance of Functional Fission Yeast Telomeres. <i>Genetics</i> , 2002, 161, 1437-1452.	1.2	109
7	Retention but Not Recruitment of Crb2 at Double-Strand Breaks Requires Rad1 and Rad3 Complexes. <i>Molecular and Cellular Biology</i> , 2003, 23, 6150-6158.	1.1	91
8	HAATI survivors replace canonical telomeres with blocks of generic heterochromatin. <i>Nature</i> , 2010, 467, 223-227.	13.7	87
9	<sup>RPA</sup> prevents G-rich structure formation at lagging strand telomeres to allow maintenance of chromosome ends. <i>EMBO Journal</i> , 2015, 34, 1942-1958.	3.5	82
10	Differential arrival of leading and lagging strand DNA polymerases at fission yeast telomeres. <i>EMBO Journal</i> , 2009, 28, 810-820.	3.5	71
11	The Fission Yeast Rad32 (Mre11)-Rad50-Nbs1 Complex Is Required for the S-Phase DNA Damage Checkpoint. <i>Molecular and Cellular Biology</i> , 2003, 23, 6564-6573.	1.1	70
12	Tel1ATM and Rad3ATR kinases promote Ccq1-Est1 interaction to maintain telomeres in fission yeast. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1408-1413.	3.6	70
13	RFC <sup>Ctf18</sup> and the Swi1-Swi3 Complex Function in Separate and Redundant Pathways Required for the Stabilization of Replication Forks to Facilitate Sister Chromatid Cohesion in <i>Schizosaccharomyces pombe</i> . <i>Molecular Biology of the Cell</i> , 2008, 19, 595-607.	0.9	64
14	Telomeres avoid end detection by severing the checkpoint signal transduction pathway. <i>Nature</i> , 2010, 467, 228-232.	13.7	63
15	Fission Yeast Tel1ATM and Rad3ATR Promote Telomere Protection and Telomerase Recruitment. <i>PLoS Genetics</i> , 2009, 5, e1000622.	1.5	58
16	Protection and replication of telomeres in fission yeast This paper is one of a selection of papers published in this Special Issue, entitled 30th Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2009, 87, 747-758.	0.9	53
17	Analysis of telomerase catalytic subunit mutants in vivo and in vitro in <i>Schizosaccharomyces pombe</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 6367-6372.	3.3	50
18	SUMOylation regulates telomere length by targeting the shelterin subunit Tpz1 <sup>Tpp1</sup> to modulate shelterin's Stn1 interaction in fission yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5950-5955.	3.3	47

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19	LARP7-like protein Pof8 regulates telomerase assembly and poly(A)+TERRA expression in fission yeast. <i>Nature Communications</i> , 2018, 9, 586.	5.8	36
20	Rad22Rad52-dependent Repair of Ribosomal DNA Repeats Cleaved by Slx1-Slx4 Endonuclease. <i>Molecular Biology of the Cell</i> , 2006, 17, 2081-2090.	0.9	34
21	Recombination-Based Telomere Maintenance Is Dependent on Tel1-MRN and Rap1 and Inhibited by Telomerase, Taz1, and Ku in Fission Yeast. <i>Molecular and Cellular Biology</i> , 2008, 28, 1443-1455.	1.1	34
22	Fission Yeast Shelterin Regulates DNA Polymerases and Rad3ATR Kinase to Limit Telomere Extension. <i>PLoS Genetics</i> , 2013, 9, e1003936.	1.5	32
23	Cooperative Control of Crb2 by ATM Family and Cdc2 Kinases Is Essential for the DNA Damage Checkpoint in Fission Yeast. <i>Molecular and Cellular Biology</i> , 2005, 25, 10721-10730.	1.1	26
24	The Double-Bromodomain Proteins Bdf1 and Bdf2 Modulate Chromatin Structure to Regulate S-Phase Stress Response in <i>Schizosaccharomyces pombe</i> . <i>Genetics</i> , 2012, 190, 487-500.	1.2	24
25	Tpz1-Ccq1 and Tpz1-Poz1 Interactions within Fission Yeast Shelterin Modulate Ccq1 Thr93 Phosphorylation and Telomerase Recruitment. <i>PLoS Genetics</i> , 2014, 10, e1004708.	1.5	24
26	Copper, endoproteolytic processing of the prion protein and cell signalling. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 1086.	3.0	23
27	Roles of Heterochromatin and Telomere Proteins in Regulation of Fission Yeast Telomere Recombination and Telomerase Recruitment. <i>Journal of Biological Chemistry</i> , 2010, 285, 5327-5337.	1.6	21
28	The fission yeast Stn1-Ten1 complex limits telomerase activity via its SUMO-interacting motif and promotes telomeres replication. <i>Science Advances</i> , 2018, 4, eaar2740.	4.7	21
29	SUMO-targeted ubiquitin ligase activity can either suppress or promote genome instability, depending on the nature of the DNA lesion. <i>PLoS Genetics</i> , 2017, 13, e1006776.	1.5	18
30	Swi1Timeless Prevents Repeat Instability at Fission Yeast Telomeres. <i>PLoS Genetics</i> , 2016, 12, e1005943.	1.5	18
31	A Kinase-Independent Role for the Rad3ATR-Rad26ATRIP Complex in Recruitment of Tel1ATM to Telomeres in Fission Yeast. <i>PLoS Genetics</i> , 2010, 6, e1000839.	1.5	15
32	Telomere Regulation During the Cell Cycle in Fission Yeast. <i>Methods in Molecular Biology</i> , 2014, 1170, 411-424.	0.4	14
33	Ccq1-Tpz1 <sup>TPP1</sup> interaction facilitates telomerase and SHREC association with telomeres in fission yeast. <i>Molecular Biology of the Cell</i> , 2015, 26, 3857-3866.	0.9	11
34	Roles of the checkpoint sensor clamp Rad9-Rad1-Hus1 (911)-complex and the clamp loaders Rad17-RFC and Ctf18-RFC in <i>Schizosaccharomyces pombe</i> telomere maintenance. <i>Cell Cycle</i> , 2010, 9, 2237-2248.	1.3	9
35	The NuA4 acetyltransferase and histone H4 acetylation promote replication recovery after topoisomerase I-poisoning. <i>Epigenetics and Chromatin</i> , 2019, 12, 24.	1.8	9
36	A <i>tel2</i> Mutation That Destabilizes the Tel2-Tti1-Tti2 Complex Eliminates Rad3 <sup>ATR</sup> Kinase Signaling in the DNA Replication Checkpoint and Leads to Telomere Shortening in Fission Yeast. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	8

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37	To fuse or not to fuse: how do checkpoint and DNA repair proteins maintain telomeres?. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 1105.	3.0	4
38	Tpz1TPP1 prevents telomerase activation and protects telomeres by modulating the Stn1-Ten1 complex in fission yeast. <i>Communications Biology</i> , 2019, 2, 297.	2.0	2