

Lucio Comai

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,796
citations

201674

27
h-index

197818

49
g-index

232
all docs

232
docs citations

232
times ranked

3172
citing authors

#	ARTICLE	IF	CITATIONS
1	The TATA-binding protein and associated factors are integral components of the RNA polymerase I transcription factor, SL1. <i>Cell</i> , 1992, 68, 965-976.	28.9	450
2	Repression of RNA Polymerase I Transcription by the Tumor Suppressor p53. <i>Molecular and Cellular Biology</i> , 2000, 20, 5930-5938.	2.3	244
3	Functional Interaction between Ku and the Werner Syndrome Protein in DNA End Processing. <i>Journal of Biological Chemistry</i> , 2000, 275, 28349-28352.	3.4	184
4	MBNL1 Is the Primary Determinant of Focus Formation and Aberrant Insulin Receptor Splicing in DM1. <i>Journal of Biological Chemistry</i> , 2005, 280, 5773-5780.	3.4	183
5	Interaction of muscleblind, CUG-BP1 and hnRNP H proteins in DM1-associated aberrant IR splicing. <i>EMBO Journal</i> , 2006, 25, 4271-4283.	7.8	135
6	Identification and Biochemical Characterization of a Werner's Syndrome Protein Complex with Ku70/80 and Poly(ADP-ribose) Polymerase-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 13659-13667.	3.4	129
7	PTEN Represses RNA Polymerase I Transcription by Disrupting the SL1 Complex. <i>Molecular and Cellular Biology</i> , 2005, 25, 6899-6911.	2.3	100
8	Requirements for the Nucleolytic Processing of DNA Ends by the Werner Syndrome Protein-Ku70/80 Complex. <i>Journal of Biological Chemistry</i> , 2001, 276, 9896-9902.	3.4	92
9	Lamin A, farnesylation and aging. <i>Experimental Cell Research</i> , 2012, 318, 1-7.	2.6	85
10	Hepatitis C Virus Inhibits DNA Damage Repair through Reactive Oxygen and Nitrogen Species and by Interfering with the ATM-NBS1/Mre11/Rad50 DNA Repair Pathway in Monocytes and Hepatocytes. <i>Journal of Immunology</i> , 2010, 185, 6985-6998.	0.8	84
11	Recruitment of TATA-Binding Proteinâ€˜TAF _I Complex SL1 to the Human Ribosomal DNA Promoter Is Mediated by the Carboxy-Terminal Activation Domain of Upstream Binding Factor (UBF) and Is Regulated by UBF Phosphorylation. <i>Molecular and Cellular Biology</i> , 1999, 19, 2872-2879.	2.3	79
12	Loss of muscleblind-like 1 results in cardiac pathology and persistence of embryonic splice isoforms. <i>Scientific Reports</i> , 2015, 5, 9042.	3.3	69
13	WRN Controls Formation of Extrachromosomal Telomeric Circles and Is Required for TRF2 ¹ -Mediated Telomere Shortening. <i>Molecular and Cellular Biology</i> , 2008, 28, 1892-1904.	2.3	66
14	Longevity mutation in <i>SCH9</i> prevents recombination errors and premature genomic instability in a Werner/Bloom model system. <i>Journal of Cell Biology</i> , 2008, 180, 67-81.	5.2	64
15	Spatially regulated genes expressed during seed germination and postgerminative development are activated during embryogeny. <i>Molecular Genetics and Genomics</i> , 1988, 212, 466-473.	2.4	63
16	Displacement of DNA-PKcs from DNA ends by the Werner syndrome protein. <i>Nucleic Acids Research</i> , 2002, 30, 3653-3661.	14.5	59
17	Expanded CUG Repeats Dysregulate RNA Splicing by Altering the Stoichiometry of the Muscleblind 1 Complex. <i>Journal of Biological Chemistry</i> , 2011, 286, 38427-38438.	3.4	58
18	CK2-mediated stimulation of Pol I transcription by stabilization of UBFâ€˜SL1 interaction. <i>Nucleic Acids Research</i> , 2006, 34, 4752-4766.	14.5	44

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19	Perturbation of wild-type lamin A metabolism results in a progeroid phenotype. <i>Aging Cell</i> , 2008, 7, 355-367.	6.7	41
20	Cytoplasmic CUG RNA Foci Are Insufficient to Elicit Key DM1 Features. <i>PLoS ONE</i> , 2008, 3, e3968.	2.5	39
21	The Werner syndrome protein at the crossroads of DNA repair and apoptosis. <i>Mechanisms of Ageing and Development</i> , 2004, 125, 521-528.	4.6	37
22	Modifications of both selectivity factor and upstream binding factor contribute to poliovirus-mediated inhibition of RNA polymerase I transcription. <i>Journal of General Virology</i> , 2005, 86, 2315-2322.	2.9	37
23	Direct Regulation of rRNA Transcription by Fibroblast Growth Factor 2. <i>Molecular and Cellular Biology</i> , 2005, 25, 9419-9426.	2.3	36
24	The Cell Cycle Regulatory Factor TAF1 Stimulates Ribosomal DNA Transcription by Binding to the Activator UBF. <i>Current Biology</i> , 2002, 12, 2142-2146.	3.9	33
25	RNA Splicing Is Responsive to MBNL1 Dose. <i>PLoS ONE</i> , 2012, 7, e48825.	2.5	30
26	Depletion of Ku70/80 reduces the levels of extrachromosomal telomeric circles and inhibits proliferation of ALT cells. <i>Aging</i> , 2011, 3, 395-406.	3.1	29
27	Downregulation of the Werner syndrome protein induces a metabolic shift that compromises redox homeostasis and limits proliferation of cancer cells. <i>Aging Cell</i> , 2014, 13, 367-378.	6.7	28
28	A Kinase Activity Associated with Simian Virus 40 Large T Antigen Phosphorylates Upstream Binding Factor (UBF) and Promotes Formation of a Stable Initiation Complex between UBF and SL1. <i>Molecular and Cellular Biology</i> , 1999, 19, 2791-2802.	2.3	27
29	Regulation of the Akt/Glycogen synthase kinase-3 axis by insulin-like growth factor-II via activation of the human insulin receptor isoform-A. <i>Journal of Cellular Biochemistry</i> , 2001, 82, 610-618.	2.6	26
30	Mechanism of RNA Polymerase I Transcription. <i>Advances in Protein Chemistry</i> , 2004, 67, 123-155.	4.4	25
31	A conserved and species-specific functional interaction between the Werner syndrome-like exonuclease atWEX and the Ku heterodimer in Arabidopsis. <i>Nucleic Acids Research</i> , 2005, 33, 6861-6867.	14.5	22
32	RNA steady-state defects in myotonic dystrophy are linked to nuclear exclusion of SHARP. <i>EMBO Reports</i> , 2011, 12, 735-742.	4.5	20
33	Muscleblind-like 3 deficit results in a spectrum of age-associated pathologies observed in myotonic dystrophy. <i>Scientific Reports</i> , 2016, 6, 30999.	3.3	19
34	Expression of a Brassica napus Malate Synthase Gene in Transgenic Tomato Plants during the Transition from Late Embryogeny to Germination. <i>Plant Physiology</i> , 1992, 98, 53-61.	4.8	18
35	Regulation of Lymphoid Tyrosine Phosphatase Activity: Inhibition of the Catalytic Domain by the Proximal Interdomain. <i>Biochemistry</i> , 2009, 48, 7525-7532.	2.5	18
36	Sequence-specific processing of telomeric 3' overhangs by the Werner syndrome protein exonuclease activity. <i>Aging</i> , 2009, 1, 289-302.	3.1	18

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37	Accumulation of distinct prelamin A variants in human diploid fibroblasts differentially affects cell homeostasis. <i>Experimental Cell Research</i> , 2011, 317, 319-329.	2.6	17
38	Muscleblind-Like 1 and Muscleblind-Like 3 Depletion Synergistically Enhances Myotonia by Altering Clc-1 RNA Translation. <i>EBioMedicine</i> , 2015, 2, 1034-1047.	6.1	14
39	SARS-CoV-2 couples evasion of inflammatory response to activated nucleotide synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	13
40	Recent advances in understanding the role of lamins in health and disease. <i>F1000Research</i> , 2016, 5, 2536.	1.6	10
41	Mass spectrometric identification of phosphorylation sites of rRNA transcription factor upstream binding factor. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1617-C1624.	4.6	9
42	A filtering strategy identifies FOXQ1 as a potential effector of lamin A dysfunction. <i>Aging</i> , 2012, 4, 567-577.	3.1	8
43	Altered Nuclear Functions in Progeroid Syndromes: a Paradigm for Aging Research. <i>Scientific World Journal, The</i> , 2009, 9, 1449-1462.	2.1	7
44	Processing of human telomeres by the Werner syndrome protein. <i>Cell Cycle</i> , 2010, 9, 3137-3138.	2.6	6
45	The Werner Syndrome Helicase Coordinates Sequential Strand Displacement and FEN1-Mediated Flap Cleavage during Polymerase γ Elongation. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	6
46	Mbnl1 and Mbnl2 regulate brain structural integrity in mice. <i>Communications Biology</i> , 2021, 4, 1342.	4.4	6
47	WRN modulates translation by influencing nuclear mRNA export in HeLa cancer cells. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 71.	2.0	4
48	Measurements of Hydrogen Peroxide and Oxidative DNA Damage in a Cell Model of Premature Aging. <i>Methods in Molecular Biology</i> , 2020, 2144, 245-257.	0.9	4
49	Cell cycle-regulated association between the Werner syndrome protein and its molecular partners. <i>Cell Cycle</i> , 2011, 10, 2038-2040.	2.6	1
50	Coimmunoprecipitation Assay for the Detection of Kinase-Substrate Interactions. , 2003, 218, 277-284.		0