

Roland Foisner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

6,671
citations

40
h-index

81
g-index

86
ext. papers

7,434
ext. citations

7.6
avg, IF

5.96
L-index

#	Paper	IF	Citations
75	Lamina-associated polypeptide 2s required for intranuclear MRTF-A activity.. <i>Scientific Reports</i> , 2022 , 12, 2306	4.9	0
74	LAP2 preserves genome integrity through assisting RPA deposition on damaged chromatin.. <i>Genome Biology</i> , 2022 , 23, 64	18.3	0
73	LAP2alpha maintains a mobile and low assembly state of A-type lamins in the nuclear interior. <i>ELife</i> , 2021 , 10,	8.9	7
72	Comparative Interactome Analysis of Emerin, MAN1 and LEM2 Reveals a Unique Role for LEM2 in Nucleotide Excision Repair. <i>Cells</i> , 2020 , 9,	7.9	9
71	The structural and gene expression hypotheses in laminopathic diseases-not so different after all. <i>Molecular Biology of the Cell</i> , 2019 , 30, 1786-1790	3.5	25
70	Endothelial progerin expression causes cardiovascular pathology through an impaired mechanoresponse. <i>Journal of Clinical Investigation</i> , 2019 , 129, 531-545	15.9	46
69	Nucleoplasmic lamins define growth-regulating functions of lamina-associated polypeptide 2 in progeria cells. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	9
68	Nuclear envelope localization of LEMD2 is developmentally dynamic and lamin A/C dependent yet insufficient for heterochromatin tethering. <i>Differentiation</i> , 2017 , 94, 58-70	3.5	16
67	Lamins in the nuclear interior - life outside the lamina. <i>Journal of Cell Science</i> , 2017 , 130, 2087-2096	5.3	96
66	Cdc48 and Ubx1 participate in a pathway associated with the inner nuclear membrane that governs Asi1 degradation. <i>Journal of Cell Science</i> , 2016 , 129, 3770-3780	5.3	11
65	Nucleo-cytoplasmic shuttling of the endonuclease ankyrin repeats and LEM domain-containing protein 1 (Ankle1) is mediated by canonical nuclear export- and nuclear import signals. <i>BMC Cell Biology</i> , 2016 , 17, 23		4
64	Degradation-mediated protein quality control at the inner nuclear membrane. <i>Nucleus</i> , 2016 , 7, 41-9	3.9	16
63	Molecular insights into the premature aging disease progeria. <i>Histochemistry and Cell Biology</i> , 2016 , 145, 401-17	2.4	74
62	The GIY-YIG Type Endonuclease Ankyrin Repeat and LEM Domain-Containing Protein 1 (ANKLE1) Is Dispensable for Mouse Hematopoiesis. <i>PLoS ONE</i> , 2016 , 11, e0152278	3.7	7
61	Barrier-to-autointegration factor (BAF) involvement in prelamin A-related chromatin organization changes. <i>Oncotarget</i> , 2016 , 7, 15662-77	3.3	35
60	A-type lamins bind both hetero- and euchromatin, the latter being regulated by lamina-associated polypeptide 2 alpha. <i>Genome Research</i> , 2016 , 26, 462-73	9.7	119
59	Lamins: nuclear intermediate filament proteins with fundamental functions in nuclear mechanics and genome regulation. <i>Annual Review of Biochemistry</i> , 2015 , 84, 131-64	29.1	339

58	Atypical ubiquitylation in yeast targets lysine-less Asi2 for proteasomal degradation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 2489-95	5.4	18
57	Proliferation of progeria cells is enhanced by lamina-associated polypeptide 2[LAP2] through expression of extracellular matrix proteins. <i>Genes and Development</i> , 2015 , 29, 2022-36	12.6	44
56	Lamins at the crossroads of mechanosignaling. <i>Genes and Development</i> , 2015 , 29, 225-37	12.6	159
55	Lamina-associated polypeptide (LAP)2 and nucleoplasmic lamins in adult stem cell regulation and disease. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 29, 116-24	7.5	54
54	A nuclear ubiquitin-proteasome pathway targets the inner nuclear membrane protein Asi2 for degradation. <i>Journal of Cell Science</i> , 2014 , 127, 3603-13	5.3	25
53	Lamina-associated polypeptide (LAP)2 and other LEM proteins in cancer biology. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 773, 143-63	3.6	36
52	The muscle dystrophy-causing R32 lamin A/C mutant does not impair the functions of the nucleoplasmic lamin-A/C-LAP2 complex in mice. <i>Journal of Cell Science</i> , 2013 , 126, 1753-62	5.3	17
51	LBR and lamin A/C sequentially tether peripheral heterochromatin and inversely regulate differentiation. <i>Cell</i> , 2013 , 152, 584-98	56.2	541
50	Defective skeletal muscle growth in lamin A/C-deficient mice is rescued by loss of Lap2. <i>Human Molecular Genetics</i> , 2013 , 22, 2852-69	5.6	33
49	High mobility group protein N5 (HMG N5) and lamina-associated polypeptide 2[LAP2] interact and reciprocally affect their genome-wide chromatin organization. <i>Journal of Biological Chemistry</i> , 2013 , 288, 18104-9	5.4	16
48	The endonuclease Ankle1 requires its LEM and GIY-YIG motifs for DNA cleavage in vivo. <i>Journal of Cell Science</i> , 2012 , 125, 1048-57	5.3	34
47	Evolution of LEM proteins as chromatin tethers at the nuclear periphery. <i>Biochemical Society Transactions</i> , 2011 , 39, 1735-41	5.1	93
46	Monoclonal antibodies specific for disease-associated point-mutants: lamin A/C R453W and R482W. <i>PLoS ONE</i> , 2010 , 5, e10604	3.7	12
45	Lamin-binding Proteins. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a000554	10.2	196
44	Lamina-associated polypeptide 2alpha loss impairs heart function and stress response in mice. <i>Circulation Research</i> , 2010 , 106, 346-53	15.7	32
43	Multiple novel functions of lamina associated polypeptide 2 in striated muscle. <i>Nucleus</i> , 2010 , 1, 397-403	3.9	14
42	Lamins: structure goes cycling. <i>Biochemical Society Transactions</i> , 2010 , 38, 301-6	5.1	14
41	Loss of LAP2 alpha delays satellite cell differentiation and affects postnatal fiber-type determination. <i>Stem Cells</i> , 2010 , 28, 480-8	5.8	37

40	Lamin complexes in the nuclear interior control progenitor cell proliferation and tissue homeostasis. <i>Cell Cycle</i> , 2009 , 8, 1488-93	4.7	47
39	Inhibition of lamin A/C attenuates osteoblast differentiation and enhances RANKL-dependent osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 78-86	6.3	50
38	Loss of nucleoplasmic LAP2alpha-lamin A complexes causes erythroid and epidermal progenitor hyperproliferation. <i>Nature Cell Biology</i> , 2008 , 10, 1341-8	23.4	120
37	Prelamin A is involved in early steps of muscle differentiation. <i>Experimental Cell Research</i> , 2008 , 314, 3628-37	4.2	33
36	Nucleoplasmic lamins and their interaction partners, LAP2alpha, Rb, and BAF, in transcriptional regulation. <i>FEBS Journal</i> , 2007 , 274, 1362-73	5.7	72
35	A-type lamin networks in light of laminopathic diseases. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007 , 1773, 661-74	4.9	38
34	Lamins and lamin-associated proteins in aging and disease. <i>Current Opinion in Cell Biology</i> , 2007 , 19, 298-304	3.04	76
33	Proteins that associate with lamins: many faces, many functions. <i>Experimental Cell Research</i> , 2007 , 313, 2167-79	4.2	139
32	Barrier-to-autointegration factor--a BAFFling little protein. <i>Trends in Cell Biology</i> , 2007 , 17, 202-8	18.3	135
31	Nucleoplasmic LAP2alpha-lamin A complexes are required to maintain a proliferative state in human fibroblasts. <i>Journal of Cell Biology</i> , 2007 , 176, 163-72	7.3	102
30	LAP2alpha-binding protein LINT-25 is a novel chromatin-associated protein involved in cell cycle exit. <i>Journal of Cell Science</i> , 2007 , 120, 737-47	5.3	34
29	Lamina-associated polypeptide 2-alpha forms homo-trimers via its C terminus, and oligomerization is unaffected by a disease-causing mutation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 6308-15	5.4	11
28	141st ENMC International Workshop inaugural meeting of the EURO-Laminopathies project "Nuclear Envelope-linked Rare Human Diseases: From Molecular Pathophysiology towards Clinical Applications", 10-12 March 2006, Naarden, The Netherlands. <i>Neuromuscular Disorders</i> , 2007 , 17, 655-60	2.9	10
27	The transcription factor ZEB1 (deltaEF1) represses Plakophilin 3 during human cancer progression. <i>FEBS Letters</i> , 2007 , 581, 1617-24	3.8	72
26	In Vitro Techniques 2006 , 201-378		
25	Lamina-associated polypeptide 2alpha regulates cell cycle progression and differentiation via the retinoblastoma-E2F pathway. <i>Journal of Cell Biology</i> , 2006 , 173, 83-93	7.3	129
24	A-type lamin complexes and regenerative potential: a step towards understanding laminopathic diseases?. <i>Histochemistry and Cell Biology</i> , 2006 , 125, 33-41	2.4	81
23	DeltaEF1 is a transcriptional repressor of E-cadherin and regulates epithelial plasticity in breast cancer cells. <i>Oncogene</i> , 2005 , 24, 2375-85	9.2	609

22	Breaking and making of the nuclear envelope. <i>Journal of Cellular Biochemistry</i> , 2005 , 95, 454-65	4.7	85
21	Thymopietin (lamina-associated polypeptide 2) gene mutation associated with dilated cardiomyopathy. <i>Human Mutation</i> , 2005 , 26, 566-74	4.7	148
20	The inner nuclear membrane protein Sun1 mediates the anchorage of Nesprin-2 to the nuclear envelope. <i>Journal of Cell Science</i> , 2005 , 118, 3419-30	5.3	333
19	LEM2 is a novel MAN1-related inner nuclear membrane protein associated with A-type lamins. <i>Journal of Cell Science</i> , 2005 , 118, 5797-810	5.3	106
18	A phosphorylation cluster in the chromatin-binding region regulates chromosome association of LAP2alpha. <i>Journal of Biological Chemistry</i> , 2004 , 279, 35813-21	5.4	18
17	LAP2alpha and BAF transiently localize to telomeres and specific regions on chromatin during nuclear assembly. <i>Journal of Cell Science</i> , 2004 , 117, 6117-28	5.3	151
16	Lco1 is a novel widely expressed lamin-binding protein in the nuclear interior. <i>Experimental Cell Research</i> , 2004 , 298, 499-511	4.2	12
15	Molecular aspects of epithelial cell plasticity: implications for local tumor invasion and metastasis. <i>Mutation Research - Reviews in Mutation Research</i> , 2004 , 566, 9-20	7	245
14	Cell cycle dynamics of the nuclear envelope. <i>Scientific World Journal, The</i> , 2003 , 3, 1-20	2.2	46
13	Distinct functions of the unique C terminus of LAP2alpha in cell proliferation and nuclear assembly. <i>Journal of Biological Chemistry</i> , 2002 , 277, 18898-907	5.4	43
12	Lamin A/C binding protein LAP2alpha is required for nuclear anchorage of retinoblastoma protein. <i>Molecular Biology of the Cell</i> , 2002 , 13, 4401-13	3.5	208
11	E-cadherin regulates cell growth by modulating proliferation-dependent beta-catenin transcriptional activity. <i>Journal of Cell Biology</i> , 2001 , 154, 1185-96	7.3	277
10	Inner nuclear membrane proteins and the nuclear lamina. <i>Journal of Cell Science</i> , 2001 , 114, 3791-3792	5.3	40
9	Differential nuclear localization and nuclear matrix association of the splicing factors PSF and PTB. <i>Journal of Cellular Biochemistry</i> , 2000 , 76, 559-566	4.7	45
8	Epithelial mesenchymal transition by c-Fos estrogen receptor activation involves nuclear translocation of beta-catenin and upregulation of beta-catenin/lymphoid enhancer binding factor-1 transcriptional activity. <i>Journal of Cell Biology</i> , 2000 , 148, 173-88	7.3	180
7	Review: lamina-associated polypeptide 2 isoforms and related proteins in cell cycle-dependent nuclear structure dynamics. <i>Journal of Structural Biology</i> , 2000 , 129, 335-45	3.4	132
6	Functional diversity of LAP2alpha and LAP2beta in postmitotic chromosome association is caused by an alpha-specific nuclear targeting domain. <i>EMBO Journal</i> , 1999 , 18, 6370-84	13	65
5	Apolipoprotein A-I production by chicken granulosa cells. <i>FASEB Journal</i> , 1998 , 12, 897-903	0.9	21

4	Dynamic organisation of intermediate filaments and associated proteins during the cell cycle. <i>BioEssays</i> , 1997 , 19, 297-305	4.1	65
3	Two-dimensional electrophoresis reveals a nuclear matrix-associated nucleolin complex of basic isoelectric point. <i>Electrophoresis</i> , 1997 , 18, 2645-53	3.6	27
2	Integral membrane proteins of the nuclear envelope interact with lamins and chromosomes, and binding is modulated by mitotic phosphorylation. <i>Cell</i> , 1993 , 73, 1267-79	56.2	451
1	Keratins couple with the nuclear lamina and regulate proliferation in colonic epithelial cells		1