

Katharine S Ullman

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,664
citations

185998

28
h-index

288905

40
g-index

47
all docs

47
docs citations

47
times ranked

3087
citing authors

#	ARTICLE	IF	CITATIONS
1	The nuclear envelope environment and its cancer connections. <i>Nature Reviews Cancer</i> , 2012, 12, 196-209.	12.8	292
2	Nuclear Export Receptors: From Importin to Exportin. <i>Cell</i> , 1997, 90, 967-970.	13.5	261
3	LEM2 recruits CHMP7 for ESCRT-mediated nuclear envelope closure in fission yeast and human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2166-E2175.	3.3	149
4	The Nucleoporin Nup153 Plays a Critical Role in Multiple Types of Nuclear Export. <i>Molecular Biology of the Cell</i> , 1999, 10, 649-664.	0.9	131
5	Protein Arginine Methyltransferase 5 Accelerates Tumor Growth by Arginine Methylation of the Tumor Suppressor Programmed Cell Death 4. <i>Cancer Research</i> , 2011, 71, 5579-5587.	0.4	126
6	Domain-specific antibodies reveal multiple-site topology of Nup153 within the nuclear pore complex. <i>Journal of Structural Biology</i> , 2002, 140, 254-267.	1.3	125
7	Distinct Functional Domains within Nucleoporins Nup153 and Nup98 Mediate Transcription-dependent Mobility. <i>Molecular Biology of the Cell</i> , 2004, 15, 1991-2002.	0.9	107
8	LEM2 phase separation promotes ESCRT-mediated nuclear envelope reformation. <i>Nature</i> , 2020, 582, 115-118.	13.7	97
9	Defects in nuclear pore assembly lead to activation of an Aurora B-mediated abscission checkpoint. <i>Journal of Cell Biology</i> , 2010, 191, 923-931.	2.3	95
10	The nuclear envelope: form and reformation. <i>Current Opinion in Cell Biology</i> , 2006, 18, 108-116.	2.6	90
11	Versatility at the nuclear pore complex: lessons learned from the nucleoporin Nup153. <i>Chromosoma</i> , 2005, 114, 319-330.	1.0	83
12	The Nucleoporin Nup153 Has Separable Roles in Both Early Mitotic Progression and the Resolution of Mitosis. <i>Molecular Biology of the Cell</i> , 2009, 20, 1652-1660.	0.9	80
13	Nuclear Export of Mammalian PERIOD Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 45921-45927.	1.6	78
14	The COPI Complex Functions in Nuclear Envelope Breakdown and Is Recruited by the Nucleoporin Nup153. <i>Developmental Cell</i> , 2003, 5, 487-498.	3.1	70
15	Biology and Biophysics of the Nuclear Pore Complex and Its Components. <i>International Review of Cell and Molecular Biology</i> , 2008, 267, 299-342.	1.6	70
16	Nucleoporin Domain Topology is Linked to the Transport Status of the Nuclear Pore Complex. <i>Journal of Molecular Biology</i> , 2005, 351, 784-798.	2.0	68
17	Nucleocytoplasmic Transport: Integrating mRNA Production and Turnover with Export through the Nuclear Pore. <i>Molecular and Cellular Biology</i> , 2004, 24, 3069-3076.	1.1	67
18	ATR and a Chk1-Aurora B pathway coordinate postmitotic genome surveillance with cytokinetic abscission. <i>Molecular Biology of the Cell</i> , 2015, 26, 2217-2226.	0.9	54

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19	Mechanical stress triggers nuclear remodeling and the formation of transmembrane actin nuclear lines with associated nuclear pore complexes. <i>Molecular Biology of the Cell</i> , 2020, 31, 1774-1787.	0.9	52
20	Systematic Discovery of Short Linear Motifs Decodes Calcineurin Phosphatase Signaling. <i>Molecular Cell</i> , 2020, 79, 342-358.e12.	4.5	51
21	A cancer-associated polymorphism in ESCRT-III disrupts the abscission checkpoint and promotes genome instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8900-E8908.	3.3	50
22	The Nup153-Nup50 Protein Interface and Its Role in Nuclear Import*. <i>Journal of Biological Chemistry</i> , 2012, 287, 38515-38522.	1.6	49
23	Nuclear Envelope Breakdown Is Coordinated by Both Nup358/RanBP2 and Nup153, Two Nucleoporins with Zinc Finger Modules. <i>Molecular Biology of the Cell</i> , 2006, 17, 760-769.	0.9	46
24	Repo-Man/PP1 regulates heterochromatin formation in interphase. <i>Nature Communications</i> , 2017, 8, 14048.	5.8	46
25	Coordinated events of nuclear assembly. <i>Current Opinion in Cell Biology</i> , 2017, 46, 39-45.	2.6	46
26	Molecular Characterization of the Ran-binding Zinc Finger Domain of Nup153. <i>Journal of Biological Chemistry</i> , 2007, 282, 17090-17100.	1.6	41
27	Two distinct sites in Nup153 mediate interaction with the SUMO proteases SENP1 and SENP2. <i>Nucleus</i> , 2012, 3, 349-358.	0.6	40
28	Changes in Nucleoporin Domain Topology in Response to Chemical Effectors. <i>Journal of Molecular Biology</i> , 2006, 363, 39-50.	2.0	34
29	RNA Association Defines a Functionally Conserved Domain in the Nuclear Pore Protein Nup153. <i>Journal of Biological Chemistry</i> , 2001, 276, 45349-45357.	1.6	25
30	Enhanced Arginine Methylation of Programmed Cell Death 4 Protein during Nutrient Deprivation Promotes Tumor Cell Viability. <i>Journal of Biological Chemistry</i> , 2014, 289, 17541-17552.	1.6	21
31	Nup153 and Nup50 promote recruitment of 53BP1 to DNA repair foci by antagonizing BRCA1-dependent events. <i>Journal of Cell Science</i> , 2017, 130, 3347-3359.	1.2	19
32	Coordinating postmitotic nuclear pore complex assembly with abscission timing. <i>Nucleus</i> , 2011, 2, 283-288.	0.6	18
33	Sequence Preference in RNA Recognition by the Nucleoporin Nup153. <i>Journal of Biological Chemistry</i> , 2007, 282, 8734-8740.	1.6	14
34	Identification of abscission checkpoint bodies as structures that regulate ESCRT factors to control abscission timing. <i>ELife</i> , 2021, 10, .	2.8	14
35	RNA Export: Searching for mRNA Identity. <i>Current Biology</i> , 2002, 12, R461-R463.	1.8	10
36	The RNA binding domain within the nucleoporin Nup153 associates preferentially with single-stranded RNA. <i>Rna</i> , 2004, 10, 19-27.	1.6	10

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37	Studying nuclear disassembly in vitro using Xenopus egg extract. <i>Methods</i> , 2006, 39, 284-290.	1.9	10
38	A Time-Lapse Imaging Assay to Study Nuclear Envelope Breakdown. <i>Methods in Molecular Biology</i> , 2012, 931, 111-122.	0.4	7
39	Time-lapse Imaging of Mitosis After siRNA Transfection. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	6
40	Analysis of RNA Export Using Xenopus Oocytes. <i>Current Protocols in Cell Biology</i> , 2001, 10, Unit 11.14.	2.3	1