Richard W Wozniak

List of Publications by Year
in descending order

59 papers	3,946 citations	117453 34 h-index	138251 58 g-index
64 all docs	64 docs citations	64 times ranked	4214 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Orf6 hijacks Nup98 to block STAT nuclear import and antagonize interferon signaling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28344-28354.	3.3	421
2	Karyopherins and kissing cousins. Trends in Cell Biology, 1998, 8, 184-188.	3.6	212
3	The Conserved Transmembrane Nucleoporin NDC1 Is Required for Nuclear Pore Complex Assembly in Vertebrate Cells. Molecular Cell, 2006, 22, 93-103.	4.5	210
4	Nsp1 protein of SARS-CoV-2 disrupts the mRNA export machinery to inhibit host gene expression. Science Advances, 2021, 7, .	4.7	154
5	Specific Binding of the Karyopherin Kap121p to a Subunit of the Nuclear Pore Complex Containing Nup53p, Nup59p, and Nup170p. Journal of Cell Biology, 1998, 143, 1813-1830.	2.3	152
6	Nup2p Dynamically Associates with the Distal Regions of the Yeast Nuclear Pore Complex. Journal of Cell Biology, 2001, 153, 1465-1478.	2.3	149
7	Cell Cycle-Dependent Phosphorylation of Nucleoporins and Nuclear Pore Membrane Protein Gp210. Biochemistry, 1996, 35, 8035-8044.	1.2	147
8	The yeast nuclear pore complex functionally interacts with components of the spindle assembly checkpoint. Journal of Cell Biology, 2002, 159, 807-819.	2.3	147
9	A Role for the Nucleoporin Nup170p in Chromatin Structure and Gene Silencing. Cell, 2013, 152, 969-983.	13.5	141
10	Cell Cycle Regulated Transport Controlled by Alterations in the Nuclear Pore Complex. Cell, 2003, 115, 813-823.	13.5	140
11	A Link between the Synthesis of Nucleoporins and the Biogenesis of the Nuclear Envelope. Journal of Cell Biology, 2001, 153, 709-724.	2.3	133
12	Vertebrate Nup53 Interacts with the Nuclear Lamina and Is Required for the Assembly of a Nup93-containing Complex. Molecular Biology of the Cell, 2005, 16, 2382-2394.	0.9	124
13	The mobile nucleoporin Nup2p and chromatin-bound Prp20p function in endogenous NPC-mediated transcriptional control. Journal of Cell Biology, 2005, 171, 955-965.	2.3	114
14	Yeast Nucleoporins Involved in Passive Nuclear Envelope Permeability. Journal of Cell Biology, 2000, 149, 1027-1038.	2.3	104
15	Pom121 links two essential subcomplexes of the nuclear pore complex core to the membrane. Journal of Cell Biology, 2010, 191, 505-521.	2.3	99
16	The Hepatitis C Virus-Induced Membranous Web and Associated Nuclear Transport Machinery Limit Access of Pattern Recognition Receptors to Viral Replication Sites. PLoS Pathogens, 2016, 12, e1005428.	2.1	90
17	Nuclear transport and the mitotic apparatus: an evolving relationship. Cellular and Molecular Life Sciences, 2010, 67, 2215-2230.	2.4	85
18	The multifunctional nuclear pore complex: a platform for controlling gene expression. Current Opinion in Cell Biology, 2014, 28, 46-53.	2.6	82

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19	The nucleoporins Nup170p and Nup157p are essential for nuclear pore complex assembly. Journal of Cell Biology, 2009, 185, 459-473.	2.3	78
20	Karyopherins in nuclear pore biogenesis. Journal of Cell Biology, 2002, 159, 267-278.	2.3	76
21	Interactions between Mad1p and the Nuclear Transport Machinery in the YeastSaccharomyces cerevisiae. Molecular Biology of the Cell, 2005, 16, 4362-4374.	0.9	72
22	The role of karyopherins in the regulated sumoylation of septins. Journal of Cell Biology, 2007, 177, 39-49.	2.3	71
23	Rrb1p, a Yeast Nuclear WD-Repeat Protein Involved in the Regulation of Ribosome Biosynthesis. Molecular and Cellular Biology, 2001, 21, 1260-1271.	1.1	69
24	Nup53 Is Required for Nuclear Envelope and Nuclear Pore Complex Assembly. Molecular Biology of the Cell, 2008, 19, 1753-1762.	0.9	67
25	Role of the nuclear envelope in genome organization and gene expression. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2011, 3, 147-166.	6.6	67
26	Hepatitis C Virus-Induced Cytoplasmic Organelles Use the Nuclear Transport Machinery to Establish an Environment Conducive to Virus Replication. PLoS Pathogens, 2013, 9, e1003744.	2.1	56
27	Characterization of Karyopherin Cargoes Reveals Unique Mechanisms of Kap121p-Mediated Nuclear Import. Molecular and Cellular Biology, 2004, 24, 8487-8503.	1.1	46
28	Nucleoporins and chromatin metabolism. Current Opinion in Cell Biology, 2016, 40, 153-160.	2.6	44
29	Kap121p-Mediated Nuclear Import Is Required for Mating and Cellular Differentiation in Yeast. Molecular and Cellular Biology, 2002, 22, 2544-2555.	1.1	43
30	Mitosis-Specific Regulation of Nuclear Transport by the Spindle Assembly Checkpoint Protein Mad1p. Molecular Cell, 2013, 49, 109-120.	4.5	43
31	Inheritance of yeast nuclear pore complexes requires the Nsp1p subcomplex. Journal of Cell Biology, 2013, 203, 187-196.	2.3	43
32	Yeast silencing factor Sir4 and a subset of nucleoporins form a complex distinct from nuclear pore complexes. Journal of Cell Biology, 2017, 216, 3145-3159.	2.3	40
33	Nup53p is a Target of Two Mitotic Kinases, Cdk1p and Hrr25p. Traffic, 2007, 8, 647-660.	1.3	37
34	Topology and Functional Domains of the Yeast Pore Membrane Protein Pom152p. Journal of Biological Chemistry, 1999, 274, 5252-5258.	1.6	36
35	Proteomics for the pore. Nature, 2000, 403, 835-836.	13.7	34
36	Human Nup98 regulates the localization and activity of DExH/D-box helicase DHX9. ELife, 2017, 6, .	2.8	33

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37	SUMO and Nucleocytoplasmic Transport. Advances in Experimental Medicine and Biology, 2017, 963, 111-126.	0.8	31
38	The Canadian Rare Diseases Models and Mechanisms (RDMM) Network: Connecting Understudied Genes to Model Organisms. American Journal of Human Genetics, 2020, 106, 143-152.	2.6	30
39	The dynamics of karyopherin-mediated nuclear transport. Biochemistry and Cell Biology, 2001, 79, 603-612.	0.9	27
40	Functional Characterization of Nuclear Localization and Export Signals in Hepatitis C Virus Proteins and Their Role in the Membranous Web. PLoS ONE, 2014, 9, e114629.	1.1	26
41	Structural evolution of the membrane-coating module of the nuclear pore complex. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16498-16503.	3.3	24
42	The nuclear export factor Xpo1p targets Mad1p to kinetochores in yeast. Journal of Cell Biology, 2009, 184, 21-29.	2.3	22
43	Nucleoplasmic Nup98 controls gene expression by regulating a DExH/D-box protein. Nucleus, 2018, 9, 1-8.	0.6	13
44	Mutant huntingtin interacts with the sterol regulatory element-binding proteins and impairs their nuclear import. Human Molecular Genetics, 2020, 29, 418-431.	1.4	13
45	Phosphorylation-dependent mitotic SUMOylation drives nuclear envelopeâ€"chromatin interactions. Journal of Cell Biology, 2021, 220, .	2.3	13
46	Nuclear Pores: Sowing the Seeds of Assembly on the Chromatin Landscape. Current Biology, 2003, 13, R970-R972.	1.8	11
47	New ways to skin a kap: mechanisms for controlling nuclear transport. Biochemistry and Cell Biology, 2004, 82, 618-625.	0.9	9
48	Nodosome Inhibition as a Novel Broad-Spectrum Antiviral Strategy against Arboviruses, Enteroviruses, and SARS-CoV-2. Antimicrobial Agents and Chemotherapy, 2021, 65, e0049121.	1.4	9
49	A Role for the Karyopherin Kap123p in Microtubule Stability. Traffic, 2009, 10, 1619-1634.	1.3	8
50	Nuclear pore complexes. Current Biology, 2003, 13, R169.	1.8	7
51	Recruitment of an Activated Gene to the Yeast Nuclear Pore Complex Requires Sumoylation. Frontiers in Genetics, 2020, 11, 174.	1.1	7
52	Problems with Co-Funding in Canada. Science, 2005, 308, 1867b-1867b.	6.0	6
53	Cyclin-like Oscillations in Levels of the Nucleoporin Nup96 Control G1/S Progression. Developmental Cell, 2008, 15, 643-644.	3.1	6
54	Dual personality of Mad1. Nucleus, 2013, 4, 367-373.	0.6	6

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55	Passive diffusion through nuclear pore complexes regulates levels of the yeast SAGA and SLIK coactivators complexes. Journal of Cell Science, 2020, 133, .	1.2	6
56	Pore puzzle. Nature, 2007, 450, 621-622.	13.7	5
57	The Nuclear Transport Factor Kap121 Is Required for Stability of the Dam1 Complex and Mitotic Kinetochore Bi-orientation. Cell Reports, 2016, 14, 2440-2450.	2.9	4
58	Assessing Regulated Nuclear Transport in Saccharomyces cerevisiae. Methods in Cell Biology, 2014, 122, 311-330.	0.5	3
59	Sculpting the chromatin landscape: a role for nuclear pore complexes in gene silencing (238.2). FASEB Journal, 2014, 28, 238.2.	0.2	0