David A Jans

List of Publications by Year in descending order

264 papers	16,317 citations	14614 66 h-index	21474 114 g-index
272 all docs	272 docs citations	272 times ranked	15186 citing authors

#	Article	IF	Citations
1	High Throughput Screening Targeting the Dengue NS3-NS5 Interface Identifies Antivirals against Dengue, Zika and West Nile Viruses. Cells, 2022, 11, 730.	1.8	5
2	Selective Targeting of Protein Kinase C (PKC)-Î¸ Nuclear Translocation Reduces Mesenchymal Gene Signatures and Reinvigorates Dysfunctional CD8+ T Cells in Immunotherapy-Resistant and Metastatic Cancers. Cancers, 2022, 14, 1596.	1.7	3
3	High-Throughput Screening to Identify Inhibitors of Plasmodium falciparum Importin Î±. Cells, 2022, 11, 1201.	1.8	4
4	Transcriptomic profile dataset of embryonic stem cells (Wild-type and IPO13-Knock Out) with and without oxidative stress. Data in Brief, 2022, 42, 108099.	0.5	3
5	Bimolecular Fluorescence Complementation: Quantitative Analysis of In Cell Interaction of Nuclear Transporter Importin Î± with Cargo Proteins. Methods in Molecular Biology, 2022, 2502, 215-233.	0.4	1
6	Nuclear Transporter IPO13 Is Central to Efficient Neuronal Differentiation. Cells, 2022, 11, 1904.	1.8	3
7	The broad spectrum host-directed agent ivermectin as an antiviral for SARS-CoV-2 ?. Biochemical and Biophysical Research Communications, 2021, 538, 163-172.	1.0	33
8	The nuclear transporter importin 13 is critical for cell survival during embryonic stem cell differentiation. Biochemical and Biophysical Research Communications, 2021, 534, 141-148.	1.0	7
9	Antivirals that target the host IMPÎ±/Î²1-virus interface. Biochemical Society Transactions, 2021, 49, 281-295.	1.6	25
10	Adenovirus Terminal Protein Contains a Bipartite Nuclear Localisation Signal Essential for Its Import into the Nucleus. International Journal of Molecular Sciences, 2021, 22, 3310.	1.8	4
11	Phenotypic Divergence of P Proteins of Australian Bat Lyssavirus Lineages Circulating in Microbats and Flying Foxes. Viruses, 2021, 13, 831.	1.5	4
12	Structural basis for nuclear import selectivity of pioneer transcription factor SOX2. Nature Communications, 2021, 12, 28.	5.8	24
13	Nuclear transporter Importin-13 plays a key role in the oxidative stress transcriptional response. Nature Communications, 2021, 12, 5904.	5.8	14
14	Respiratory Syncytial Virus Matrix Protein-Chromatin Association Is Key to Transcriptional Inhibition in Infected Cells. Cells, 2021, 10, 2786.	1.8	10
15	Implication of the nuclear trafficking of rabies virus <scp>P3</scp> protein in viral pathogenicity. Traffic, 2021, 22, 482-489.	1.3	5
16	Ivermectin as a Broad-Spectrum Host-Directed Antiviral: The Real Deal?. Cells, 2020, 9, 2100.	1.8	60
17	Impact of Respiratory Syncytial Virus Infection on Host Functions: Implications for Antiviral Strategies. Physiological Reviews, 2020, 100, 1527-1594.	13.1	30
18	The broad spectrum antiviral ivermectin targets the host nuclear transport importin Î±/Î²1 heterodimer. Antiviral Research, 2020, 177, 104760.	1.9	255

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19	The ataxin-1 interactome reveals direct connection with multiple disrupted nuclear transport pathways. Nature Communications, 2020, 11, 3343.	5.8	15
20	Nuclear bodies formed by polyQ-ataxin-1 protein are liquid RNA/protein droplets with tunable dynamics. Scientific Reports, 2020, 10, 1557.	1.6	15
21	RK-33 Is a Broad-Spectrum Antiviral Agent That Targets DEAD-Box RNA Helicase DDX3X. Cells, 2020, 9, 170.	1.8	29
22	The FDA-approved drug ivermectin inhibits the replication of SARS-CoV-2 in vitro. Antiviral Research, 2020, 178, 104787.	1.9	1,567
23	Ivermectin and COVID-19: A report in Antiviral Research, widespread interest, an FDA warning, two letters to the editor and the authors' responses. Antiviral Research, 2020, 178, 104805.	1.9	95
24	Application of In Silico and HTS Approaches to Identify Nuclear Import Inhibitors for Venezuelan Equine Encephalitis Virus Capsid Protein: A Case Study. Frontiers in Chemistry, 2020, 8, 573121.	1.8	4
25	Subversion of Host Cell Mitochondria by RSV to Favor Virus Production is Dependent on Inhibition of Mitochondrial Complex I and ROS Generation. Cells, 2019, 8, 1417.	1.8	28
26	Dengue Non-structural Protein 5 Polymerase Complexes With Promyelocytic Leukemia Protein (PML) Isoforms III and IV to Disrupt PML-Nuclear Bodies in Infected Cells. Frontiers in Cellular and Infection Microbiology, 2019, 9, 284.	1.8	19
27	Exportin-1-Dependent Nuclear Export of DEAD-box Helicase DDX3X is Central to its Role in Antiviral Immunity. Cells, 2019, 8, 1181.	1.8	15
28	Oligonucleotide-directed STAT3 alternative splicing switch drives anti-tumorigenic outcomes in MCF10 human breast cancer cells. Biochemical and Biophysical Research Communications, 2019, 513, 1076-1082.	1.0	6
29	Inhibitors of nuclear transport. Current Opinion in Cell Biology, 2019, 58, 50-60.	2.6	104
30	Novel Flavivirus Antiviral That Targets the Host Nuclear Transport Importin Î±/Î²1 Heterodimer. Cells, 2019, 8, 281.	1.8	31
31	Zika Virus NS5 Forms Supramolecular Nuclear Bodies That Sequester Importin-Î± and Modulate the Host Immune and Pro-Inflammatory Response in Neuronal Cells. ACS Infectious Diseases, 2019, 5, 932-948.	1.8	34
32	Novel RU486 (mifepristone) analogues with increased activity against Venezuelan Equine Encephalitis Virus but reduced progesterone receptor antagonistic activity. Scientific Reports, 2019, 9, 2634.	1.6	13
33	Molecular dissection of an inhibitor targeting the HIV integrase dependent preintegration complex nuclear import. Cellular Microbiology, 2019, 21, e12953.	1.1	17
34	Respiratory syncytial virus co-opts host mitochondrial function to favour infectious virus production. ELife, 2019, 8, .	2.8	47
35	Nucleocytoplasmic shuttling of the West Nile virus <scp>RNA</scp> â€dependent <scp>RNA</scp> polymerase <scp>NS5</scp> is critical to infection. Cellular Microbiology, 2018, 20, e12848.	1.1	33
36	Recognition by host nuclear transport proteins drives disorder-to-order transition in Hendra virus V. Scientific Reports, 2018, 8, 358.	1.6	32

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37	Identification of novel antivirals inhibiting recognition of Venezuelan equine encephalitis virus capsid protein by the Importin Î±/Î²1 heterodimer through high-throughput screening. Antiviral Research, 2018, 151, 8-19.	1.9	24
38	Nucleocytoplasmic Trafficking of Dengue Non-structural Protein 5 as a Target for Antivirals. Advances in Experimental Medicine and Biology, 2018, 1062, 199-213.	0.8	11
39	Contribution of the residue at position 4 within classical nuclear localization signals to modulating interaction with importins and nuclear targeting. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1114-1129.	1.9	22
40	TrawlerWeb: an online de novo motif discovery tool for next-generation sequencing datasets. BMC Genomics, 2018, 19, 238.	1.2	12
41	PKA-site phosphorylation of importin13 regulates its subcellular localization and nuclear transport function. Biochemical Journal, 2018, 475, 2699-2712.	1.7	6
42	Editorial: Targeted Subcellular Delivery of Anti-cancer Agents. Frontiers in Pharmacology, 2018, 9, 1577.	1.6	3
43	Sry. , 2018, , 5152-5160.		0
44	c-Jun N-terminal kinase activity is required for efficient respiratory syncytial virus production. Biochemical and Biophysical Research Communications, 2017, 483, 64-68.	1.0	7
45	Development of a pipeline for automated, high-throughput analysis of paraspeckle proteins reveals specific roles for importin Î± proteins. Scientific Reports, 2017, 7, 43323.	1.6	6
46	Mitochondrial protein p32/HAPB1/gC1qR/C1qbp is required for efficient respiratory syncytial virus production. Biochemical and Biophysical Research Communications, 2017, 489, 460-465.	1.0	25
47	Interactome of the inhibitory isoform of the nuclear transporter Importin 13. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 546-561.	1.9	13
48	Nuclear import inhibitor N -(4-hydroxyphenyl) retinamide targets Zika virus (ZIKV) nonstructural protein 5 to inhibit ZIKV infection. Biochemical and Biophysical Research Communications, 2017, 493, 1555-1559.	1.0	41
49	Novel inhibitors targeting Venezuelan equine encephalitis virus capsid protein identified using In Silico Structure-Based-Drug-Design. Scientific Reports, 2017, 7, 17705.	1.6	26
50	Nuclear localization and secretion competence are conserved among henipavirus matrix proteins. Journal of General Virology, 2017, 98, 563-576.	1.3	16
51	Mice Lacking Hbp1 Function Are Viable and Fertile. PLoS ONE, 2017, 12, e0170576.	1.1	3
52	Nuclear Trafficking of the Rabies Virus Interferon Antagonist P-Protein Is Regulated by an Importin-Binding Nuclear Localization Sequence in the C-Terminal Domain. PLoS ONE, 2016, 11, e0150477.	1.1	22
53	Quantifying the dynamics of the oligomeric transcription factor STAT3 by pair correlation of molecular brightness. Nature Communications, 2016, 7, 11047.	5.8	28
54	Dynamic Nucleolar Targeting of Dengue Virus Polymerase NS5 in Response to Extracellular pH. Journal of Virology, 2016, 90, 5797-5807.	1.5	19

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55	Fast track, dynein-dependent nuclear targeting of human immunodeficiency virus Vpr protein; impaired trafficking in a clinical isolate. Biochemical and Biophysical Research Communications, 2016, 470, 735-740.	1.0	8
56	Rhinovirus 16 2A Protease Affects Nuclear Localization of 3CD during Infection. Journal of Virology, 2016, 90, 11032-11042.	1.5	22
57	Host Factors Modulating RSV Infection: Use of Small Interfering RNAs to Probe Functional Importance. Methods in Molecular Biology, 2016, 1442, 93-117.	0.4	6
58	Nucleocytoplasmic trafficking of Nipah virus W protein involves multiple discrete interactions with the nuclear import and export machinery. Biochemical and Biophysical Research Communications, 2016, 479, 429-433.	1.0	20
59	Quantitative Analysis of the Microtubule Interaction of Rabies Virus P3 Protein: Roles in Immune Evasion and Pathogenesis. Scientific Reports, 2016, 6, 33493.	1.6	24
60	Influenza A viruses escape from MxA restriction at the expense of efficient nuclear vRNP import. Scientific Reports, 2016, 6, 23138.	1.6	146
61	Secret life of importin-Î²; solenoid flexibility as the key to transport through the nuclear pore. Acta Crystallographica Section D: Structural Biology, 2016, 72, 703-704.	1.1	1
62	Tumor cell-specific photothermal killing by SELEX-derived DNA aptamer-targeted gold nanorods. Nanoscale, 2016, 8, 187-196.	2.8	35
63	Novel dengue virus inhibitor 4-HPR activates ATF4 independent of protein kinase Râ€“like Endoplasmic Reticulum Kinase and elevates levels of eIF2Î± phosphorylation in virus infected cells. Antiviral Research, 2016, 130, 1-6.	1.9	25
64	The protein arginine methyltransferase PRMT6 inhibits HIV-1 Tat nucleolar retention. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 254-262.	1.9	13
65	The immune evasion function of J and Beilong virus V proteins is distinct from that of other paramyxoviruses, consistent with their inclusion in the proposed genus Jeilongvirus. Journal of General Virology, 2016, 97, 581-592.	1.3	21
66	Roles of nuclear trafficking in infection by cytoplasmic negative-strand RNA viruses: paramyxoviruses and beyond. Journal of General Virology, 2016, 97, 2463-2481.	1.3	24
67	Selective Inhibitor of Nuclear Export (SINE) Compounds Alter New World Alphavirus Capsid Localization and Reduce Viral Replication in Mammalian Cells. PLoS Neglected Tropical Diseases, 2016, 10, e0005122.	1.3	37
68	The C-terminal 18 Amino Acid Region of Dengue Virus NS5 Regulates its Subcellular Localization and Contains a Conserved Arginine Residue Essential for Infectious Virus Production. PLoS Pathogens, 2016, 12, e1005886.	2.1	66
69	Respiratory virus modulation of host nucleocytoplasmic transport; target for therapeutic intervention?. Frontiers in Microbiology, 2015, 6, 848.	1.5	13
70	Specific interaction with the nuclear transporter importin Î±2 can modulate paraspeckle protein 1 delivery to nuclear paraspeckles. Molecular Biology of the Cell, 2015, 26, 1543-1558.	0.9	8
71	Fatty Acid-binding Proteins 1 and 2 Differentially Modulate the Activation of Peroxisome Proliferator-activated Receptor Î± in a Ligand-selective Manner. Journal of Biological Chemistry, 2015, 290, 13895-13906.	1.6	49
72	Basis of Cargo Recognition by Importin Î±s: The Power of Structure. Structure, 2015, 23, 251-252.	1.6	5

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73	Identification of a Role for Nucleolin in Rabies Virus Infection. Journal of Virology, 2015, 89, 1939-1943.	1.5	31
74	Hyper-dependence of breast cancer cell types on the nuclear transporter Importin Î²1. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1870-1878.	1.9	28
75	LRGUK-1 Is Required for Basal Body and Manchette Function during Spermatogenesis and Male Fertility. PLoS Genetics, 2015, 11, e1005090.	1.5	59
76	Interactome of the negative regulator of nuclear import BRCA1-binding protein 2. Scientific Reports, 2015, 5, 9459.	1.6	11
77	Enhanced tumour cell nuclear targeting in a tumour progression model. BMC Cancer, 2015, 15, 76.	1.1	6
78	Nuclear localization of the dystrophinâ€associated protein Î±â€dystrobrevin through importin Î±2/Î²1 is critical for interaction with the nuclear lamina/maintenance of nuclear integrity. FASEB Journal, 2015, 29, 1842-1858.	0.2	10
79	New Host Factors Important for Respiratory Syncytial Virus (RSV) Replication Revealed by a Novel Microfluidics Screen for Interactors of Matrix (M) Protein*. Molecular and Cellular Proteomics, 2015, 14, 532-543.	2.5	43
80	Regulating post-mitotic nuclear access: Cdk1-phosphorylation of NLSs. Cell Cycle, 2015, 14, 695-696.	1.3	3
81	Proteases of Human Rhinovirus: Role in Infection. Methods in Molecular Biology, 2015, 1221, 129-141.	0.4	28
82	Putting things in place for fertilization: discovering roles for importin proteins in cell fate and spermatogenesis. Asian Journal of Andrology, 2015, 17, 537.	0.8	28
83	Nuclear Import of Î²-Dystroglycan Is Facilitated by Ezrin-Mediated Cytoskeleton Reorganization. PLoS ONE, 2014, 9, e90629.	1.1	13
84	The p53-induced factor Ei24 inhibits nuclear import through an importin Î²â€“bindingâ€“like domain. Journal of Cell Biology, 2014, 205, 301-312.	2.3	28
85	Cytokineâ€induced Slowing of <scp>STAT3</scp> Nuclear Import; Faster Basal Trafficking of the <scp>STAT3Î²</scp> Isoform. Traffic, 2014, 15, 946-960.	1.3	13
86	Comment onPhosphorylation adjacent to the nuclear localization signal of human dUTPase abolishes nuclear import: structural and mechanistic insightsby RÃ³naet al.(2013). Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 2775-2776.	2.5	3
87	Hyperosmotic stress sustains cytokine-stimulated phosphorylation of STAT3, but slows its nuclear trafficking and impairs STAT3-dependent transcription. Cellular Signalling, 2014, 26, 815-824.	1.7	5
88	The Thr205 Phosphorylation Site within Respiratory Syncytial Virus Matrix (M) Protein Modulates M Oligomerization and Virus Production. Journal of Virology, 2014, 88, 6380-6393.	1.5	31
89	Rotavirus inhibits IFN-induced STAT nuclear translocation by a mechanism that acts after STAT binding to importin-Î±. Journal of General Virology, 2014, 95, 1723-1733.	1.3	30
90	Bovine Ephemeral Fever Rhabdovirus Î±1 Protein Has Viroporin-Like Properties and Binds Importin Î²1 and Importin 7. Journal of Virology, 2014, 88, 1591-1603.	1.5	41

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91	Interaction of Rabies Virus P-Protein With STAT Proteins is Critical to Lethal Rabies Disease. Journal of Infectious Diseases, 2014, 209, 1744-1753.	1.9	71
92	Intracellular mobility and nuclear trafficking of the stress-activated kinase JNK1 are impeded by hyperosmotic stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 253-264.	1.9	10
93	136. Cytokine, 2014, 70, 60-61.	1.4	0
94	A Nuclear Transport Inhibitor That Modulates the Unfolded Protein Response and Provides In Vivo Protection Against Lethal Dengue virus Infection. Journal of Infectious Diseases, 2014, 210, 1780-1791.	1.9	84
95	Overlapping binding sites for importin Î²1 and suppressor of fused (SuFu) on glioma-associated oncogene homologue 1 (Gli1) regulate its nuclear localization. Biochemical Journal, 2014, 461, 469-476.	1.7	24
96	Intracellular calcium levels can regulate Importin-dependent nuclear import. Biochemical and Biophysical Research Communications, 2014, 450, 812-817.	1.0	6
97	The Î±â€importome of mammalian germ cell maturation provides novel insights for importin biology. FASEB Journal, 2014, 28, 3480-3493.	0.2	24
98	Oxidative stress impairs multiple regulatory events to drive persistent cytokine-stimulated STAT3 phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 483-494.	1.9	31
99	Nucleocytoplasmic shuttling of the Duchenne muscular dystrophy gene product dystrophin Dp71d is dependent on the importin Î±/Î² and CRM1 nuclear transporters and microtubule motor dynein. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 985-1001.	1.9	21
100	Investigating Dengue Virus Nonstructural Protein 5 (NS5) Nuclear Import. Methods in Molecular Biology, 2014, 1138, 301-328.	0.4	22
101	Towards delineation of a developmental Î±-importome in the mammalian male germline. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 731-742.	1.9	26
102	Nuclear localization of dengue virus (DENV) 1â€“4 non-structural protein 5; protection against all 4 DENV serotypes by the inhibitor Ivermectin. Antiviral Research, 2013, 99, 301-306.	1.9	244
103	The BRCA1-binding protein BRAP2 can act as a cytoplasmic retention factor for nuclear and nuclear envelope-localizing testicular proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3436-3444.	1.9	18
104	The nuclear import factor importin Î±4 can protect against oxidative stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2348-2356.	1.9	13
105	Nuclear import and export inhibitors alter capsid protein distribution in mammalian cells and reduce Venezuelan Equine Encephalitis Virus replication. Antiviral Research, 2013, 100, 662-672.	1.9	147
106	Regulated Transport into the Nucleus of Herpesviridae DNA Replication Core Proteins. Viruses, 2013, 5, 2210-2234.	1.5	16
107	p32 protein levels are integral to mitochondrial and endoplasmic reticulum morphology, cell metabolism and survival. Biochemical Journal, 2013, 453, 381-391.	1.7	61
108	70-kDa Heat Shock Cognate Protein hsc70 Mediates Calmodulin-dependent Nuclear Import of the Sex-determining Factor SRY. Journal of Biological Chemistry, 2013, 288, 4148-4157.	1.6	25

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109	The Rabies Virus Interferon Antagonist P Protein Interacts with Activated STAT3 and Inhibits Gp130 Receptor Signaling. Journal of Virology, 2013, 87, 8261-8265.	1.5	58
110	Rhinovirus 3C Protease Facilitates Specific Nucleoporin Cleavage and Mislocalisation of Nuclear Proteins in Infected Host Cells. PLoS ONE, 2013, 8, e71316.	1.1	47
111	Ivermectin is a specific inhibitor of importin Î±/Î²-mediated nuclear import able to inhibit replication of HIV-1 and dengue virus. Biochemical Journal, 2012, 443, 851-856.	1.7	559
112	Selective STAT3-Î± or -Î² expression reveals spliceform-specific phosphorylation kinetics, nuclear retention and distinct gene expression outcomes. Biochemical Journal, 2012, 447, 125-136.	1.7	48
113	Conservation of a Unique Mechanism of Immune Evasion across the Lyssavirus Genus. Journal of Virology, 2012, 86, 10194-10199.	1.5	58
114	A Novel Nuclear Trafficking Module Regulates the Nucleocytoplasmic Localization of the Rabies Virus Interferon Antagonist, P Protein. Journal of Biological Chemistry, 2012, 287, 28112-28121.	1.6	37
115	Global enhancement of nuclear localizationâ€dependent nuclear transport in transformed cells. FASEB Journal, 2012, 26, 1181-1193.	0.2	47
116	Nuclear trafficking of proteins from RNA viruses: Potential target for antivirals?. Antiviral Research, 2012, 95, 202-206.	1.9	100
117	Modulation of Host Cell Nucleocytoplasmic Trafficking During Picornavirus Infection. Infectious Disorders - Drug Targets, 2012, 12, 59-67.	0.4	7
118	Editorial [Hot Topic: Subcellular Trafficking of Pathogens: Targeting for Therapeutics (Guest Editors:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2
119	Changing subcellular localization of nuclear transport factors during human spermatogenesis. Journal of Developmental and Physical Disabilities, 2012, 35, 158-169.	3.6	21
120	Nullbasic, a Potent Anti-HIV Tat Mutant, Induces CRM1-Dependent Disruption of HIV Rev Trafficking. PLoS ONE, 2012, 7, e51466.	1.1	25
121	Protein-Protein Interactions in RSV Assembly: Potential Targets for Attenuating RSV Strains. Infectious Disorders - Drug Targets, 2012, 12, 103-109.	0.4	12
122	Importin Alpha2-Interacting Proteins with Nuclear Roles During Mammalian Spermatogenesis1. Biology of Reproduction, 2011, 85, 1191-1202.	1.2	26
123	Tumour necrosis factor alpha (TNF-Â) stimulation of cells with established dengue virus type 2 infection induces cell death that is accompanied by a reduced ability of TNF-Â to activate nuclear factor ÂB and reduced sphingosine kinase-1 activity. Journal of General Virology, 2011, 92, 807-818.	1.3	45
124	Multiple phosphorylation sites at the C-terminus regulate nuclear import of HCMV DNA polymerase processivity factor ppUL44. Virology, 2011, 417, 259-267.	1.1	31
125	Regulation of nucleocytoplasmic trafficking of viral proteins: An integral role in pathogenesis?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 2176-2190.	1.9	60
126	Central role of nuclear transport in signalling, viral infection and development. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1561.	1.9	3

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127	Smad3 Dosage Determines Androgen Responsiveness and Sets the Pace of Postnatal Testis Development. Endocrinology, 2011, 152, 2076-2089.	1.4	33
128	Mechanism of Microtubule-facilitated â€œFast Trackâ€•Nuclear Import. Journal of Biological Chemistry, 2011, 286, 14335-14351.	1.6	39
129	An AlphaScreenÂ®-Based Assay for High-Throughput Screening for Specific Inhibitors of Nuclear Import. Journal of Biomolecular Screening, 2011, 16, 192-200.	2.6	151
130	Dual nuclear import mechanisms of sex determining factor SRY: intracellular Ca ²⁺ as a switch. FASEB Journal, 2011, 25, 665-675.	0.2	31
131	Distinct effects of importin Î±2 and Î±4 on Oct3/4 localization and expression in mouse embryonic stem cells. FASEB Journal, 2011, 25, 3958-3965.	0.2	39
132	Calmodulin-dependent nuclear import of HMG-box family nuclear factors: importance of the role of SRY in sex reversal. Biochemical Journal, 2010, 430, 39-48.	1.7	38
133	Characterization of an Importin Î±/Î²â€recognized nuclear localization signal in Î²â€dystroglycan. Journal of Cellular Biochemistry, 2010, 110, 706-717.	1.2	26
134	The efficiency of nuclear plasmid DNA delivery is a critical determinant of transgene expression at the single cell level. Journal of Gene Medicine, 2010, 12, 77-85.	1.4	63
135	Enhancement of protein transduction-mediated nuclear delivery by interaction with dynein/microtubules. Journal of Biotechnology, 2010, 145, 222-225.	1.9	13
136	A monopartite sequence is essential for p45 NF-E2 nuclear translocation, transcriptional activity and platelet production. Journal of Thrombosis and Haemostasis, 2010, 8, 2542-2553.	1.9	10
137	The BRCAâ€1 binding protein BRAP2 is a novel, negative regulator of nuclear import of viral proteins, dependent on phosphorylation flanking the nuclear localization signal. FASEB Journal, 2010, 24, 1454-1466.	0.2	37
138	Role of Interferon Antagonist Activity of Rabies Virus Phosphoprotein in Viral Pathogenicity. Journal of Virology, 2010, 84, 6699-6710.	1.5	91
139	Binding of p110 Retinoblastoma Protein Inhibits Nuclear Import of Simian Virus SV40 Large Tumor Antigen. Journal of Biological Chemistry, 2010, 285, 17744-17753.	1.6	12
140	Probing the Specificity of Binding to the Major Nuclear Localization Sequence-binding Site of Importin-Î± Using Oriented Peptide Library Screening. Journal of Biological Chemistry, 2010, 285, 19935-19946.	1.6	56
141	Lineage-specific expression of heterochromatin protein 1Î³ in post-compaction, in vitro-produced bovine embryos. Reproduction, Fertility and Development, 2010, 22, 1022.	0.1	1
142	Rhinovirus 3C Protease Can Localize in the Nucleus and Alter Active and Passive Nucleocytoplasmic Transport. Journal of Virology, 2009, 83, 7349-7352.	1.5	62
143	Dual modes of rabies P-protein association with microtubules: a novel strategy to suppress the antiviral response. Journal of Cell Science, 2009, 122, 3652-3662.	1.2	67
144	Arginine Methylation Increases the Stability of Human Immunodeficiency Virus Type 1 Tat. Journal of Virology, 2009, 83, 11694-11703.	1.5	42

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145	CRM1-mediated Nuclear Export of Dengue Virus RNA Polymerase NS5 Modulates Interleukin-8 Induction and Virus Production. Journal of Biological Chemistry, 2009, 284, 15589-15597.	1.6	89
146	The Flexible Loop of the Human Cytomegalovirus DNA Polymerase Processivity Factor ppUL44 Is Required for Efficient DNA Binding and Replication in Cells. Journal of Virology, 2009, 83, 9567-9576.	1.5	26
147	The Respiratory Syncytial Virus Matrix Protein Possesses a Crm1-Mediated Nuclear Export Mechanism. Journal of Virology, 2009, 83, 5353-5362.	1.5	89
148	Nuclear drug delivery to target tumour cells. European Journal of Pharmacology, 2009, 625, 174-180.	1.7	51
149	Developmentally regulated SMAD2 and SMAD3 utilization directs activin signaling outcomes. Developmental Dynamics, 2009, 238, 1688-1700.	0.8	43
150	Modulation of nucleocytoplasmic trafficking by retention in cytoplasm or nucleus. Journal of Cellular Biochemistry, 2009, 107, 1160-1167.	1.2	18
151	Proteolytic Cleavage of HIV-1 GFP-Vpr Fusions at Novel Sites Within Virions and Living Cells: Concerns for Intracellular Trafficking Studies. Journal of Fluorescence, 2009, 19, 567-573.	1.3	6
152	Importins and Beyond: Nonâ€€onventional Nuclear Transport Mechanisms. Traffic, 2009, 10, 1188-1198.	1.3	143
153	Nucleocytoplasmic transport as a driver of mammalian gametogenesis. Seminars in Cell and Developmental Biology, 2009, 20, 607-619.	2.3	17
154	The Câ€€terminus of apoptin represents a unique tumor cellâ€€nhanced nuclear targeting module. International Journal of Cancer, 2008, 123, 2965-2969.	2.3	33
155	Regulated nucleocytoplasmic trafficking of viral gene products: A therapeutic target?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 213-227.	1.1	32
156	Dynamic changes in localization of chromobox (CBX) family members during the maternal to embryonic transition. Molecular Reproduction and Development, 2008, 75, 477-488.	1.0	20
157	Impaired nuclear import and viral incorporation of Vpr derived from a HIV long-term non-progressor. Retrovirology, 2008, 5, 67.	0.9	31
158	The N-Terminal Basic Domain of the HIV-1 Matrix Protein Does Not Contain a Conventional Nuclear Localization Sequence But Is Required for DNA Binding and Protein Self-Association. Biochemistry, 2008, 47, 2199-2210.	1.2	48
159	Role of Homodimerization of Human Cytomegalovirus DNA Polymerase Accessory Protein UL44 in Origin-Dependent DNA Replication in Cells. Journal of Virology, 2008, 82, 12574-12579.	1.5	22
160	Association of Respiratory Syncytial Virus M Protein with Viral Nucleocapsids Is Mediated by the M2-1 Protein. Journal of Virology, 2008, 82, 8863-8870.	1.5	79
161	Efficient gene delivery using reconstituted chromatin enhanced for nuclear targeting. FASEB Journal, 2008, 22, 2232-2242.	0.2	31
162	CRM1-Dependent Nuclear Export of Dengue Virus Type 2 NS5. Novartis Foundation Symposium, 2008, , 149-163.	1.2	10

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