

David A Jans

List of Publications by Year in descending order

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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	The FDA-approved drug ivermectin inhibits the replication of SARS-CoV-2 in vitro. <i>Antiviral Research</i> , 2020, 178, 104787.	1.9	1,567
2	Ivermectin is a specific inhibitor of importin β -mediated nuclear import able to inhibit replication of HIV-1 and dengue virus. <i>Biochemical Journal</i> , 2012, 443, 851-856.	1.7	559
3	Towards safe, non-viral therapeutic gene expression in humans. <i>Nature Reviews Genetics</i> , 2005, 6, 299-310.	7.7	544
4	Nuclear targeting signal recognition: a key control point in nuclear transport?. <i>BioEssays</i> , 2000, 22, 532-544.	1.2	472
5	Regulation of protein transport to the nucleus: central role of phosphorylation. <i>Physiological Reviews</i> , 1996, 76, 651-685.	13.1	405
6	The rate of nuclear cytoplasmic protein transport is determined by the casein kinase II site flanking the nuclear localization sequence of the SV40 T-antigen.. <i>EMBO Journal</i> , 1991, 10, 633-639.	3.5	331
7	Regulation of Nuclear Transport: Central Role in Development and Transformation?. <i>Traffic</i> , 2005, 6, 173-186.	1.3	309
8	The broad spectrum antiviral ivermectin targets the host nuclear transport importin β 1 heterodimer. <i>Antiviral Research</i> , 2020, 177, 104760.	1.9	255
9	Nuclear localization of dengue virus (DENV) α 4 non-structural protein 5; protection against all 4 DENV serotypes by the inhibitor Ivermectin. <i>Antiviral Research</i> , 2013, 99, 301-306.	1.9	244
10	The Protein Kinase CK2 Site (Ser111/112) Enhances Recognition of the Simian Virus 40 Large T-antigen Nuclear Localization Sequence by Importin. <i>Journal of Biological Chemistry</i> , 1997, 272, 17191-17195.	1.6	224
11	Targeted delivery to the nucleus. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 698-717.	6.6	223
12	p34cdc2-mediated phosphorylation at T124 inhibits nuclear import of SV-40 T antigen proteins.. <i>Journal of Cell Biology</i> , 1991, 115, 1203-1212.	2.3	211
13	Importin β 2 Recognizes Parathyroid Hormone-related Protein with High Affinity and Mediates Its Nuclear Import in the Absence of Importin β 1. <i>Journal of Biological Chemistry</i> , 1999, 274, 7391-7398.	1.6	185
14	The regulation of protein transport to the nucleus by phosphorylation. <i>Biochemical Journal</i> , 1995, 311, 705-716.	1.7	183
15	Structural Basis for the Specificity of Bipartite Nuclear Localization Sequence Binding by Importin- β . <i>Journal of Biological Chemistry</i> , 2003, 278, 27981-27987.	1.6	175
16	An AlphaScreen [®] -Based Assay for High-Throughput Screening for Specific Inhibitors of Nuclear Import. <i>Journal of Biomolecular Screening</i> , 2011, 16, 192-200.	2.6	151
17	Nuclear Localization of Dengue Virus Nonstructural Protein 5 Through Its Importin β 2-Recognized Nuclear Localization Sequences is Integral to Viral Infection. <i>Traffic</i> , 2007, 8, 795-807.	1.3	150
18	Targeted intracellular delivery of photosensitizers to enhance photodynamic efficiency. <i>Immunology and Cell Biology</i> , 2000, 78, 452-464.	1.0	149

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19	A small region of the dengue virus-encoded RNA-dependent RNA polymerase, NS5, confers interaction with both the nuclear transport receptor importin- β^2 and the viral helicase, NS3. <i>Journal of General Virology</i> , 2001, 82, 735-745.	1.3	149
20	Nuclear targeting by growth factors, cytokines, and their receptors: a role in signaling?. <i>BioEssays</i> , 1998, 20, 400-411.	1.2	148
21	The HIV-1 Tat Nuclear Localization Sequence Confers Novel Nuclear Import Properties. <i>Journal of Biological Chemistry</i> , 1998, 273, 1623-1628.	1.6	147
22	Nuclear import and export inhibitors alter capsid protein distribution in mammalian cells and reduce Venezuelan Equine Encephalitis Virus replication. <i>Antiviral Research</i> , 2013, 100, 662-672.	1.9	147
23	Influenza A viruses escape from MxA restriction at the expense of efficient nuclear vRNP import. <i>Scientific Reports</i> , 2016, 6, 23138.	1.6	146
24	Biophysical Characterization of Interactions Involving Importin- β during Nuclear Import. <i>Journal of Biological Chemistry</i> , 2001, 276, 34189-34198.	1.6	145
25	Defective importin β recognition and nuclear import of the sex-determining factor SRY are associated with XY sex-reversing mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7045-7050.	3.3	143
26	Importins and Beyond: Non-Conventional Nuclear Transport Mechanisms. <i>Traffic</i> , 2009, 10, 1188-1198.	1.3	143
27	The rate of nuclear cytoplasmic protein transport is determined by the casein kinase II site flanking the nuclear localization sequence of the SV40 T-antigen. <i>EMBO Journal</i> , 1991, 10, 633-9.	3.5	142
28	Nuclear signaling pathways for polypeptide ligands and their membrane receptors?. <i>FASEB Journal</i> , 1994, 8, 841-847.	0.2	131
29	The Interdomain Region of Dengue NS5 Protein That Binds to the Viral Helicase NS3 Contains Independently Functional Importin β^1 and Importin β^2 -Recognized Nuclear Localization Signals. <i>Journal of Biological Chemistry</i> , 2002, 277, 36399-36407.	1.6	116
30	SV40 Large Tumor Antigen Nuclear Import Is Regulated by the Double-stranded DNA-dependent Protein Kinase Site (Serine 120) Flanking the Nuclear Localization Sequence. <i>Journal of Biological Chemistry</i> , 1997, 272, 22191-22198.	1.6	113
31	Nuclear Targeting of Chlorin e6 Enhances Its Photosensitizing Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 20328-20331.	1.6	109
32	Kinetic Characterization of the Human Retinoblastoma Protein Bipartite Nuclear Localization Sequence (NLS) in Vivo and in Vitro. <i>Journal of Biological Chemistry</i> , 1997, 272, 22134-22139.	1.6	108
33	Apoptin Nuclear Accumulation Is Modulated by a CRM1-Recognized Nuclear Export Signal that Is Active in Normal but not in Tumor Cells. <i>Cancer Research</i> , 2005, 65, 7059-7064.	0.4	107
34	The C-terminal Nuclear Localization Signal of the Sex-determining Region Y (SRY) High Mobility Group Domain Mediates Nuclear Import through Importin β^1 . <i>Journal of Biological Chemistry</i> , 2001, 276, 46575-46582.	1.6	104
35	Nuclear Transport of Parathyroid Hormone (PTH)-Related Protein Is Dependent on Microtubules. <i>Molecular Endocrinology</i> , 2002, 16, 390-401.	3.7	104
36	Inhibitors of nuclear transport. <i>Current Opinion in Cell Biology</i> , 2019, 58, 50-60.	2.6	104

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37	Role of flanking sequences and phosphorylation in the recognition of the simian-virus-40 large T-antigen nuclear localization sequences by importin- α . <i>Biochemical Journal</i> , 2003, 375, 339-349.	1.7	102
38	Nuclear Import of the Respiratory Syncytial Virus Matrix Protein Is Mediated By Importin β 1 Independent of Importin α . <i>Biochemistry</i> , 2005, 44, 12887-12895.	1.2	100
39	Nuclear trafficking of proteins from RNA viruses: Potential target for antivirals?. <i>Antiviral Research</i> , 2012, 95, 202-206.	1.9	100
40	A SOX9 Defect of Calmodulin-dependent Nuclear Import in Campomelic Dysplasia/Autosomal Sex Reversal. <i>Journal of Biological Chemistry</i> , 2003, 278, 33839-33847.	1.6	99
41	Plant Importin α Binds Nuclear Localization Sequences with High Affinity and Can Mediate Nuclear Import Independent of Importin β . <i>Journal of Biological Chemistry</i> , 1999, 274, 22610-22617.	1.6	97
42	Nuclear Transport of Granzyme B (Fragmentin-2). <i>Journal of Biological Chemistry</i> , 1996, 271, 30781-30789.	1.6	96
43	Role of Prodomain in Importin-mediated Nuclear Localization and Activation of Caspase-2. <i>Journal of Biological Chemistry</i> , 2003, 278, 4899-4905.	1.6	96
44	Cyclin-dependent Kinase Site-regulated Signal-dependent Nuclear Localization of the SWI5 Yeast Transcription Factor in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 17064-17067.	1.6	95
45	Importin α mRNAs have distinct expression profiles during spermatogenesis. <i>Developmental Dynamics</i> , 2006, 235, 253-262.	0.8	95
46	Ivermectin and COVID-19: A report in <i>Antiviral Research</i> , widespread interest, an FDA warning, two letters to the editor and the authors' responses. <i>Antiviral Research</i> , 2020, 178, 104805.	1.9	95
47	HIV-1 integrase is capable of targeting DNA to the nucleus via an Importin α / β -dependent mechanism. <i>Biochemical Journal</i> , 2006, 398, 475-484.	1.7	91
48	Role of Interferon Antagonist Activity of Rabies Virus Phosphoprotein in Viral Pathogenicity. <i>Journal of Virology</i> , 2010, 84, 6699-6710.	1.5	91
49	Nuclear Import of Creb and AP-1 Transcription Factors Requires Importin- β 1 and Ran but Is Independent of Importin- α . <i>Biochemistry</i> , 2001, 40, 5208-5217.	1.2	89
50	CRM1-mediated Nuclear Export of Dengue Virus RNA Polymerase NS5 Modulates Interleukin-8 Induction and Virus Production. <i>Journal of Biological Chemistry</i> , 2009, 284, 15589-15597.	1.6	89
51	The Respiratory Syncytial Virus Matrix Protein Possesses a Crm1-Mediated Nuclear Export Mechanism. <i>Journal of Virology</i> , 2009, 83, 5353-5362.	1.5	89
52	The 37-Amino-Acid Interdomain of Dengue Virus NS5 Protein Contains a Functional NLS and Inhibitory CK2 Site. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 731-737.	1.0	87
53	A Microtubule-Facilitated Nuclear Import Pathway for Cancer Regulatory Proteins. <i>Traffic</i> , 2007, 8, 673-686.	1.3	87
54	The cAMP-dependent Protein Kinase Site (Ser312) Enhances Dorsal Nuclear Import through Facilitating Nuclear Localization Sequence/Importin Interaction. <i>Journal of Biological Chemistry</i> , 1998, 273, 22745-22752.	1.6	84

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55	Efficiency of Importin α / β -Mediated Nuclear Localization Sequence Recognition and Nuclear Import. <i>Journal of Biological Chemistry</i> , 1999, 274, 15820-15827.	1.6	84
56	Compound Effects of Point Mutations Causing Campomelic Dysplasia/Autosomal Sex Reversal upon SOX9 Structure, Nuclear Transport, DNA Binding, and Transcriptional Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 27864-27872.	1.6	84
57	A Nuclear Transport Inhibitor That Modulates the Unfolded Protein Response and Provides In Vivo Protection Against Lethal Dengue virus Infection. <i>Journal of Infectious Diseases</i> , 2014, 210, 1780-1791.	1.9	84
58	Negative charge at the casein kinase II site flanking the nuclear localization signal of the SV40 large T-antigen is mechanistically important for enhanced nuclear import. <i>Oncogene</i> , 1994, 9, 2961-8.	2.6	81
59	Signals mediating nuclear targeting and their regulation: Application in drug delivery. <i>Medicinal Research Reviews</i> , 1998, 18, 189-223.	5.0	80
60	Association of Respiratory Syncytial Virus M Protein with Viral Nucleocapsids Is Mediated by the M2-1 Protein. <i>Journal of Virology</i> , 2008, 82, 8863-8870.	1.5	79
61	Central role of the respiratory syncytial virus matrix protein in infection. <i>FEMS Microbiology Reviews</i> , 2006, 30, 692-705.	3.9	78
62	The Amino-Terminal Region of Vpr from Human Immunodeficiency Virus Type 1 Forms Ion Channels and Kills Neurons. <i>Journal of Virology</i> , 1999, 73, 4230-4238.	1.5	73
63	Dynein Light Chain Association Sequences Can Facilitate Nuclear Protein Import. <i>Molecular Biology of the Cell</i> , 2007, 18, 3204-3213.	0.9	71
64	Interaction of Rabies Virus P-Protein With STAT Proteins is Critical to Lethal Rabies Disease. <i>Journal of Infectious Diseases</i> , 2014, 209, 1744-1753.	1.9	71
65	Perforin-dependent nuclear entry of granzyme B precedes apoptosis, and is not a consequence of nuclear membrane dysfunction. <i>Cell Death and Differentiation</i> , 1998, 5, 488-496.	5.0	70
66	Dual modes of rabies P-protein association with microtubules: a novel strategy to suppress the antiviral response. <i>Journal of Cell Science</i> , 2009, 122, 3652-3662.	1.2	67
67	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. <i>PLoS Pathogens</i> , 2016, 12, e1005886.	2.1	66
68	The efficiency of nuclear plasmid DNA delivery is a critical determinant of transgene expression at the single cell level. <i>Journal of Gene Medicine</i> , 2010, 12, 77-85.	1.4	63
69	Histone-mediated Transduction as an Efficient Means for Gene Delivery. <i>Molecular Therapy</i> , 2007, 15, 721-731.	3.7	62
70	Rhinovirus 3C Protease Can Localize in the Nucleus and Alter Active and Passive Nucleocytoplasmic Transport. <i>Journal of Virology</i> , 2009, 83, 7349-7352.	1.5	62
71	p32 protein levels are integral to mitochondrial and endoplasmic reticulum morphology, cell metabolism and survival. <i>Biochemical Journal</i> , 2013, 453, 381-391.	1.7	61
72	Regulation of nucleocytoplasmic trafficking of viral proteins: An integral role in pathogenesis?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 2176-2190.	1.9	60

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73	Ivermectin as a Broad-Spectrum Host-Directed Antiviral: The Real Deal?. <i>Cells</i> , 2020, 9, 2100.	1.8	60
74	LRGUK-1 Is Required for Basal Body and Manchette Function during Spermatogenesis and Male Fertility. <i>PLoS Genetics</i> , 2015, 11, e1005090.	1.5	59
75	A Protein Kinase CK2 Site Flanking the Nuclear Targeting Signal Enhances Nuclear Transport of Human Cytomegalovirus ppUL44. <i>Traffic</i> , 2005, 6, 1002-1013.	1.3	58
76	Conservation of a Unique Mechanism of Immune Evasion across the Lyssavirus Genus. <i>Journal of Virology</i> , 2012, 86, 10194-10199.	1.5	58
77	The Rabies Virus Interferon Antagonist P Protein Interacts with Activated STAT3 and Inhibits Gp130 Receptor Signaling. <i>Journal of Virology</i> , 2013, 87, 8261-8265.	1.5	58
78	Recombinant modular transporters for cell-specific nuclear delivery of locally acting drugs enhance photosensitizer activity. <i>FASEB Journal</i> , 2003, 17, 1121-1123.	0.2	57
79	Probing the Specificity of Binding to the Major Nuclear Localization Sequence-binding Site of Importin- β Using Oriented Peptide Library Screening. <i>Journal of Biological Chemistry</i> , 2010, 285, 19935-19946.	1.6	56
80	Intramolecular masking of nuclear localization signals: Analysis of importin binding using a novel AlphaScreen-based method. <i>Analytical Biochemistry</i> , 2006, 348, 49-56.	1.1	53
81	Novel Properties of the Nucleolar Targeting Signal of Human Angiogenin. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 185-193.	1.0	51
82	A Tumor Cell-Specific Nuclear Targeting Signal within Chicken Anemia Virus VP3/Apoptin. <i>Journal of Virology</i> , 2005, 79, 1339-1341.	1.5	51
83	Nuclear drug delivery to target tumour cells. <i>European Journal of Pharmacology</i> , 2009, 625, 174-180.	1.7	51
84	Parathyroid Hormone-Related Protein (PTHrP):. <i>Vitamins and Hormones</i> , 2003, 66, 345-384.	0.7	50
85	Regulated nucleocytoplasmic transport in spermatogenesis: a driver of cellular differentiation?. <i>BioEssays</i> , 2005, 27, 1011-1025.	1.2	50
86	Dengue Virus RNA Polymerase NS5: A Potential Therapeutic Target?. <i>Current Drug Targets</i> , 2006, 7, 1623-1638.	1.0	50
87	Fatty Acid-binding Proteins 1 and 2 Differentially Modulate the Activation of Peroxisome Proliferator-activated Receptor β in a Ligand-selective Manner. <i>Journal of Biological Chemistry</i> , 2015, 290, 13895-13906.	1.6	49
88	Nuclear and nucleolar localization of parathyroid hormone-related protein. <i>Immunology and Cell Biology</i> , 2000, 78, 395-402.	1.0	48
89	Nuclear Import of the Pre-Integration Complex (PIC): The Achilles Heel of HIV ?. <i>Current Drug Targets</i> , 2003, 4, 409-429.	1.0	48
90	Nucleocytoplasmic Distribution of Rabies Virus P-Protein Is Regulated by Phosphorylation Adjacent to C-Terminal Nuclear Import and Export Signals. <i>Biochemistry</i> , 2007, 46, 12053-12061.	1.2	48

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91	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. <i>Biochemistry</i> , 2008, 47, 2199-2210.	1.2	48
92	Selective STAT3- $\hat{1}$ or $\hat{2}$ expression reveals spliceform-specific phosphorylation kinetics, nuclear retention and distinct gene expression outcomes. <i>Biochemical Journal</i> , 2012, 447, 125-136.	1.7	48
93	The cytokine interleukin-5 (IL-5) effects cotransport of its receptor subunits to the nucleus in vitro. <i>FEBS Letters</i> , 1997, 410, 368-372.	1.3	47
94	Global enhancement of nuclear localizationâ€dependent nuclear transport in transformed cells. <i>FASEB Journal</i> , 2012, 26, 1181-1193.	0.2	47
95	Rhinovirus 3C Protease Facilitates Specific Nucleoporin Cleavage and Mislocalisation of Nuclear Proteins in Infected Host Cells. <i>PLoS ONE</i> , 2013, 8, e71316.	1.1	47
96	Respiratory syncytial virus co-opts host mitochondrial function to favour infectious virus production. <i>ELife</i> , 2019, 8, .	2.8	47
97	Expression of Nuclear Transport Importins beta 1 and beta 3 Is Regulated During Rodent Spermatogenesis1. <i>Biology of Reproduction</i> , 2006, 74, 67-74.	1.2	45
98	Tumour necrosis factor alpha (TNF- \hat{A}) stimulation of cells with established dengue virus type 2 infection induces cell death that is accompanied by a reduced ability of TNF- \hat{A} to activate nuclear factor \hat{A} B and reduced sphingosine kinase-1 activity. <i>Journal of General Virology</i> , 2011, 92, 807-818.	1.3	45
99	Novel properties of the protein kinase CK2-site-regulated nuclear- localization sequence of the interferon-induced nuclear factor IFI 16. <i>Biochemical Journal</i> , 2001, 353, 69-77.	1.7	44
100	A Consensus cAMP-dependent Protein Kinase (PK-A) Site in Place of the CcN Motif Casein Kinase II Site of Simian Virus 40 Large T-antigen Confers PK-A-mediated Regulation of Nuclear Import. <i>Journal of Biological Chemistry</i> , 1996, 271, 6451-6457.	1.6	43
101	Adenoviruses synergize with nuclear localization signals to enhance nuclear delivery and photodynamic action of internalizable conjugates containing chlorin e6. , 1999, 81, 734-740.		43
102	Developmentally regulated SMAD2 and SMAD3 utilization directs activin signaling outcomes. <i>Developmental Dynamics</i> , 2009, 238, 1688-1700.	0.8	43
103	New Host Factors Important for Respiratory Syncytial Virus (RSV) Replication Revealed by a Novel Microfluidics Screen for Interactors of Matrix (M) Protein*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 532-543.	2.5	43
104	Nuclear Import Pathway of the Telomere Elongation Suppressor TRF1: \hat{A} Inhibition by Importin $\hat{1}$. <i>Biochemistry</i> , 2002, 41, 9333-9340.	1.2	42
105	Subcellular distribution of importins correlates with germ cell maturation. <i>Developmental Dynamics</i> , 2007, 236, 2311-2320.	0.8	42
106	Arginine Methylation Increases the Stability of Human Immunodeficiency Virus Type 1 Tat. <i>Journal of Virology</i> , 2009, 83, 11694-11703.	1.5	42
107	Negative charge at the protein kinase CK2 site enhances recognition of the SV40 large T-antigen NLS by importin: effect of conformation. <i>FEBS Letters</i> , 1998, 440, 297-301.	1.3	41
108	Bovine Ephemeral Fever Rhabdovirus $\hat{1}$ Protein Has Viroporin-Like Properties and Binds Importin $\hat{2}$ 1 and Importin 7. <i>Journal of Virology</i> , 2014, 88, 1591-1603.	1.5	41

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109	Nuclear import inhibitor N-(4-hydroxyphenyl) retinamide targets Zika virus (ZIKV) nonstructural protein 5 to inhibit ZIKV infection. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1555-1559.	1.0	41
110	Nuclear-Cytoplasmic Shuttling of the Oncogenic Mouse UNP/USP4 Deubiquitylating Enzyme. <i>Journal of Biological Chemistry</i> , 2005, 280, 745-752.	1.6	40
111	A functional bipartite nuclear localisation signal in the cytokine interleukin-5. <i>FEBS Letters</i> , 1997, 406, 315-320.	1.3	39
112	Laminopathy-inducing lamin A mutants can induce redistribution of lamin binding proteins into nuclear aggregates. <i>Experimental Cell Research</i> , 2006, 312, 171-183.	1.2	39
113	Mechanism of Microtubule-facilitated "Fast Track" Nuclear Import. <i>Journal of Biological Chemistry</i> , 2011, 286, 14335-14351.	1.6	39
114	Distinct effects of importin $\beta 2$ and $\beta 4$ on Oct3/4 localization and expression in mouse embryonic stem cells. <i>FASEB Journal</i> , 2011, 25, 3958-3965.	0.2	39
115	Calmodulin-dependent nuclear import of HMG-box family nuclear factors: importance of the role of SRY in sex reversal. <i>Biochemical Journal</i> , 2010, 430, 39-48.	1.7	38
116	Molecular Dissection of the Importin $\beta 1$ -Recognized Nuclear Targeting Signal of Parathyroid Hormone-Related Protein. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 629-634.	1.0	37
117	The BRCA1 binding protein BRAP2 is a novel, negative regulator of nuclear import of viral proteins, dependent on phosphorylation flanking the nuclear localization signal. <i>FASEB Journal</i> , 2010, 24, 1454-1466.	0.2	37
118	A Novel Nuclear Trafficking Module Regulates the Nucleocytoplasmic Localization of the Rabies Virus Interferon Antagonist, P Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 28112-28121.	1.6	37
119	Selective Inhibitor of Nuclear Export (SINE) Compounds Alter New World Alphavirus Capsid Localization and Reduce Viral Replication in Mammalian Cells. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005122.	1.3	37
120	Tumor-specific nuclear targeting: Promises for anti-cancer therapy?. <i>Drug Resistance Updates</i> , 2006, 9, 40-50.	6.5	36
121	Tumor cell-specific photothermal killing by SELEX-derived DNA aptamer-targeted gold nanorods. <i>Nanoscale</i> , 2016, 8, 187-196.	2.8	35
122	Distinct importin recognition properties of histones and chromatin assembly factors. <i>FEBS Letters</i> , 2000, 467, 169-174.	1.3	34
123	Zika Virus NS5 Forms Supramolecular Nuclear Bodies That Sequester Importin- β and Modulate the Host Immune and Pro-Inflammatory Response in Neuronal Cells. <i>ACS Infectious Diseases</i> , 2019, 5, 932-948.	1.8	34
124	The C-terminus of apoptin represents a unique tumor cell-enhanced nuclear targeting module. <i>International Journal of Cancer</i> , 2008, 123, 2965-2969.	2.3	33
125	Smad3 Dosage Determines Androgen Responsiveness and Sets the Pace of Postnatal Testis Development. <i>Endocrinology</i> , 2011, 152, 2076-2089.	1.4	33
126	Nucleocytoplasmic shuttling of the West Nile virus RNA-dependent RNA polymerase NS5 is critical to infection. <i>Cellular Microbiology</i> , 2018, 20, e12848.	1.1	33

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127	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
128	Regulated nucleocytoplasmic trafficking of viral gene products: A therapeutic target?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 213-227.	1.1	32
129	Recognition by host nuclear transport proteins drives disorder-to-order transition in Hendra virus V. Scientific Reports, 2018, 8, 358.	1.6	32
130	Novel Low Molecular Weight Microtubule-associated Protein-2 Isoforms Contain a Functional Nuclear Localization Sequence. Journal of Biological Chemistry, 1999, 274, 19261-19268.	1.6	31
131	Perforin-dependent nuclear targeting of granzymes: A central role in the nuclear events of granule-exocytosis-mediated apoptosis?. Immunology and Cell Biology, 1999, 77, 206-215.	1.0	31
132	Impaired nuclear import and viral incorporation of Vpr derived from a HIV long-term non-progressor. Retrovirology, 2008, 5, 67.	0.9	31
133	Efficient gene delivery using reconstituted chromatin enhanced for nuclear targeting. FASEB Journal, 2008, 22, 2232-2242.	0.2	31
134	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
135	Dual nuclear import mechanisms of sex determining factor SRY: intracellular Ca ²⁺ as a switch. FASEB Journal, 2011, 25, 665-675.	0.2	31
136	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
137	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
138	Identification of a Role for Nucleolin in Rabies Virus Infection. Journal of Virology, 2015, 89, 1939-1943.	1.5	31
139	Novel Flavivirus Antiviral That Targets the Host Nuclear Transport Importin β 1 Heterodimer. Cells, 2019, 8, 281.	1.8	31
140	Drivers of Germ Cell Maturation. Annals of the New York Academy of Sciences, 2005, 1061, 173-182.	1.8	30
141	Human Cytomegalovirus DNA Polymerase Catalytic Subunit pUL54 Possesses Independently Acting Nuclear Localization and ppUL44 Binding Motifs. Traffic, 2006, 7, 1322-1332.	1.3	30
142	Rotavirus inhibits IFN-induced STAT nuclear translocation by a mechanism that acts after STAT binding to importin- β . Journal of General Virology, 2014, 95, 1723-1733.	1.3	30
143	Impact of Respiratory Syncytial Virus Infection on Host Functions: Implications for Antiviral Strategies. Physiological Reviews, 2020, 100, 1527-1594.	13.1	30
144	RK-33 Is a Broad-Spectrum Antiviral Agent That Targets DEAD-Box RNA Helicase DDX3X. Cells, 2020, 9, 170.	1.8	29

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145	An Importin β -Recognized Bipartite Nuclear Localization Signal Mediates Targeting of the Human Herpes Simplex Virus Type 1 DNA Polymerase Catalytic Subunit pUL30 to the Nucleus. <i>Biochemistry</i> , 2007, 46, 9155-9163.	1.2	28
146	The p53-induced factor Ei24 inhibits nuclear import through an importin β "binding" like domain. <i>Journal of Cell Biology</i> , 2014, 205, 301-312.	2.3	28
147	Hyper-dependence of breast cancer cell types on the nuclear transporter Importin β 1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1870-1878.	1.9	28
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