

Ralph H Kehlenbach

List of Publications by Year in descending order

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71
papers

3,661
citations

159358

30
h-index

133063

59
g-index

72
all docs

72
docs citations

72
times ranked

4087
citing authors

#	ARTICLE	IF	CITATIONS
1	CRM1 Promotes Capsid Disassembly and Nuclear Envelope Translocation of Adenovirus Independently of Its Export Function. <i>Journal of Virology</i> , 2022, 96, JVI0127321.	1.5	4
2	The RNA-binding protein FUS is chaperoned and imported into the nucleus by a network of import receptors. <i>Journal of Biological Chemistry</i> , 2021, 296, 100659.	1.6	27
3	A nuclear export sequence promotes CRM1-dependent targeting of the nucleoporin Nup214 to the nuclear pore complex. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	7
4	The Interactome of the VAP Family of Proteins: An Overview. <i>Cells</i> , 2021, 10, 1780.	1.8	25
5	Sequestosome 1 Is Part of the Interaction Network of VAPB. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13271.	1.8	3
6	Probing the Environment of Emerin by Enhanced Ascorbate Peroxidase 2 (APEX2)-Mediated Proximity Labeling. <i>Cells</i> , 2020, 9, 605.	1.8	9
7	The SQSTM1-NUP214 fusion protein interacts with Crm1, activates Hoxa and Meis1 genes, and drives leukemogenesis in mice. <i>PLoS ONE</i> , 2020, 15, e0232036.	1.1	4
8	Nup358 and Transportin 1 Cooperate in Adenoviral Genome Import. <i>Journal of Virology</i> , 2020, 94, .	1.5	11
9	Into the basket and beyond: the journey of mRNA through the nuclear pore complex. <i>Biochemical Journal</i> , 2020, 477, 23-44.	1.7	29
10	Dual-Color Metal-Induced Energy Transfer (MIET) Imaging for Three-Dimensional Reconstruction of Nuclear Envelope Architecture. <i>Methods in Molecular Biology</i> , 2020, 2175, 33-45.	0.4	1
11	Title is missing!. , 2020, 15, e0232036.		0
12	Title is missing!. , 2020, 15, e0232036.		0
13	Title is missing!. , 2020, 15, e0232036.		0
14	Title is missing!. , 2020, 15, e0232036.		0
15	Proteomic mapping by rapamycin-dependent targeting of APEX2 identifies binding partners of VAPB at the inner nuclear membrane. <i>Journal of Biological Chemistry</i> , 2019, 294, 16241-16254.	1.6	30
16	Targeting of LRRC59 to the Endoplasmic Reticulum and the Inner Nuclear Membrane. <i>International Journal of Molecular Sciences</i> , 2019, 20, 334.	1.8	14
17	The nuclear pore proteins Nup88/214 and T-cell acute lymphatic leukemia-associated NUP214 fusion proteins regulate Notch signaling. <i>Journal of Biological Chemistry</i> , 2019, 294, 11741-11750.	1.6	5
18	The cargo spectrum of nuclear transport receptors. <i>Current Opinion in Cell Biology</i> , 2019, 58, 1-7.	2.6	28

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19	Extensive Identification and In-depth Validation of Importin 13 Cargoes. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1337-1353.	2.5	23
20	Biallelic mutations in nucleoporin NUP88 cause lethal fetal akinesia deformation sequence. <i>PLoS Genetics</i> , 2018, 14, e1007845.	1.5	26
21	GCN5L1 interacts with $\hat{\pm}$ TAT1 and RanBP2 to regulate hepatic $\hat{\pm}$ -tubulin acetylation and lysosome trafficking. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	15
22	<i>In Vivo</i> Labelling of Adenovirus DNA Identifies Chromatin Anchoring and Biphasic Genome Replication. <i>Journal of Virology</i> , 2018, 92, .	1.5	37
23	Nuclear egress of TDP-43 and FUS occurs independently of Exportin-1/CRM1. <i>Scientific Reports</i> , 2018, 8, 7084.	1.6	108
24	Three-Dimensional Reconstruction of Nuclear Envelope Architecture Using Dual-Color Metal-Induced Energy Transfer Imaging. <i>ACS Nano</i> , 2017, 11, 11839-11846.	7.3	42
25	Emery-Dreifuss muscular dystrophy mutations impair TRC40-mediated targeting of emerin to the inner nuclear membrane. <i>Journal of Cell Science</i> , 2016, 129, 502-16.	1.2	26
26	Analysis of CRM1-Dependent Nuclear Export in Permeabilized Cells. <i>Methods in Molecular Biology</i> , 2016, 1411, 489-501.	0.4	2
27	The Oncogenic Fusion Proteins SET-Nup214 and Sequestosome-1 (SQSTM1)-Nup214 Form Dynamic Nuclear Bodies and Differentially Affect Nuclear Protein and Poly(A)+ RNA Export. <i>Journal of Biological Chemistry</i> , 2016, 291, 23068-23083.	1.6	19
28	Human PDCD2L Is an Export Substrate of CRM1 That Associates with 40S Ribosomal Subunit Precursors. <i>Molecular and Cellular Biology</i> , 2016, 36, 3019-3032.	1.1	17
29	Distinct functions of the dual leucine zipper kinase depending on its subcellular localization. <i>Cellular Signalling</i> , 2016, 28, 272-283.	1.7	20
30	Combining dehydration, construct optimization and improved data collection to solve the crystal structure of a CRM1 $\hat{\pm}$ RanGTP $\hat{\pm}$ SPN1 $\hat{\pm}$ Nup214 quaternary nuclear export complex. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1481-1487.	0.4	2
31	Nuclear Pore Complexes and Nucleocytoplasmic Transport. <i>International Review of Cell and Molecular Biology</i> , 2015, 320, 171-233.	1.6	68
32	MD Simulations and FRET Reveal an Environment-Sensitive Conformational Plasticity of Importin- $\hat{1}$ 2. <i>Biophysical Journal</i> , 2015, 109, 277-286.	0.2	23
33	Structural and Functional Characterization of CRM1-Nup214 Interactions Reveals Multiple FG-Binding Sites Involved in Nuclear Export. <i>Cell Reports</i> , 2015, 13, 690-702.	2.9	84
34	Analysis of Nucleocytoplasmic Transport in Digitonin-Permeabilized Cells Under Different Cellular Conditions. <i>Methods in Cell Biology</i> , 2014, 122, 331-352.	0.5	2
35	Novel Approaches for the Identification of Nuclear Transport Receptor Substrates. <i>Methods in Cell Biology</i> , 2014, 122, 353-378.	0.5	9
36	Importin 7 and Nup358 Promote Nuclear Import of the Protein Component of Human Telomerase. <i>PLoS ONE</i> , 2014, 9, e88887.	1.1	24

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37	Resolution doubling in fluorescence microscopy with confocal spinning-disk image scanning microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21000-21005.	3.3	144
38	Defective nuclear import of Tpr in Progeria reflects the Ran sensitivity of large cargo transport. <i>Journal of Cell Biology</i> , 2013, 201, 541-557.	2.3	58
39	Several Phenylalanine-Glycine Motives in the Nucleoporin Nup214 Are Essential for Binding of the Nuclear Export Receptor CRM1. <i>Journal of Biological Chemistry</i> , 2013, 288, 3952-3963.	1.6	32
40	Post-transcriptional regulation of CD83 expression by AUF1 proteins. <i>Nucleic Acids Research</i> , 2013, 41, 206-219.	6.5	14
41	Identification of CRM1-dependent Nuclear Export Cargos Using Quantitative Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 664-678.	2.5	85
42	Herpes Simplex Virus ICP27 Protein Directly Interacts with the Nuclear Pore Complex through Nup62, Inhibiting Host Nucleocytoplasmic Transport Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 12277-12292.	1.6	42
43	The nucleoporin-like protein NLP1 (hCG1) promotes CRM1-dependent nuclear protein export. <i>Journal of Cell Science</i> , 2012, 125, 144-154.	1.2	22
44	The Nucleoporin Nup358/RanBP2 Promotes Nuclear Import in a Cargo- and Transport Receptor-Specific Manner. <i>Traffic</i> , 2012, 13, 218-233.	1.3	71
45	Functional Characterization of the HuR:CD83 mRNA Interaction. <i>PLoS ONE</i> , 2011, 6, e23290.	1.1	15
46	Ran-dependent docking of importin- β to RanBP2/Nup358 filaments is essential for protein import and cell viability. <i>Journal of Cell Biology</i> , 2011, 194, 597-612.	2.3	104
47	Notch1 signaling is mediated by importins alpha 3, 4, and 7. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3187-3196.	2.4	59
48	The Part and the Whole: functions of nucleoporins in nucleocytoplasmic transport. <i>Trends in Cell Biology</i> , 2010, 20, 461-469.	3.6	140
49	The Anti-inflammatory Prostaglandin 15-Deoxy- $\Delta^{12,14}$ -PGJ2 Inhibits CRM1-dependent Nuclear Protein Export. <i>Journal of Biological Chemistry</i> , 2010, 285, 22202-22210.	1.6	45
50	The nuclear pore component Nup358 promotes transportin-dependent nuclear import. <i>Journal of Cell Science</i> , 2009, 122, 1100-1110.	1.2	89
51	Identification and functional dissection of localization signals within ataxin-3. <i>Neurobiology of Disease</i> , 2009, 36, 280-292.	2.1	42
52	The Nup358-RanGAP Complex Is Required for Efficient Importin β -dependent Nuclear Import. <i>Molecular Biology of the Cell</i> , 2008, 19, 2300-2310.	0.9	122
53	Nuclear Import of c-Jun Is Mediated by Multiple Transport Receptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 27685-27692.	1.6	65
54	Analysis of Nucleocytoplasmic Trafficking of the HuR Ligand APRIL and Its Influence on CD83 Expression. <i>Journal of Biological Chemistry</i> , 2007, 282, 4504-4515.	1.6	62

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55	CRM1-mediated nuclear export: to the pore and beyond. <i>Trends in Cell Biology</i> , 2007, 17, 193-201.	3.6	321
56	Stimulated Expression of mRNAs in Activated T Cells Depends on a Functional CRM1 Nuclear Export Pathway. <i>Journal of Molecular Biology</i> , 2006, 358, 997-1009.	2.0	32
57	Multiple Importins Function as Nuclear Transport Receptors for the Rev Protein of Human Immunodeficiency Virus Type 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 20883-20890.	1.6	79
58	Expression of CD83 Is Regulated by HuR via a Novel cis-Active Coding Region RNA Element. <i>Journal of Biological Chemistry</i> , 2006, 281, 10912-10925.	1.6	68
59	Transportin Is a Major Nuclear Import Receptor for c-Fos. <i>Journal of Biological Chemistry</i> , 2006, 281, 5492-5499.	1.6	29
60	Nup214 Is Required for CRM1-Dependent Nuclear Protein Export In Vivo. <i>Molecular and Cellular Biology</i> , 2006, 26, 6772-6785.	1.1	138
61	In vitro analysis of nuclear mRNA export using molecular beacons for target detection. <i>Nucleic Acids Research</i> , 2003, 31, 64e-64.	6.5	18
62	Analysis of Nuclear Protein Import and Export In Vitro Using Fluorescent Cargoes. , 2002, 189, 231-245.		6
63	Stimulation of Nuclear Export and Inhibition of Nuclear Import by a Ran Mutant Deficient in Binding to Ran-binding Protein 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 14524-14531.	1.6	32
64	Nup50, a Nucleoplasmically Oriented Nucleoporin with a Role in Nuclear Protein Export. <i>Molecular and Cellular Biology</i> , 2000, 20, 5619-5630.	1.1	118
65	Characterization of the Extra-large G Protein $\hat{L}\pm$ -Subunit XL $\hat{L}\pm$ s. <i>Journal of Biological Chemistry</i> , 2000, 275, 33622-33632.	1.6	108
66	Phosphorylation of the Nuclear Transport Machinery Down-regulates Nuclear Protein Import in Vitro. <i>Journal of Biological Chemistry</i> , 2000, 275, 17848-17856.	1.6	62
67	Characterization of the Extra-large G Protein $\hat{L}\pm$ -Subunit XL $\hat{L}\pm$ s. <i>Journal of Biological Chemistry</i> , 2000, 275, 33633-33640.	1.6	88
68	A Role for RanBP1 in the Release of CRM1 from the Nuclear Pore Complex in a Terminal Step of Nuclear Export. <i>Journal of Cell Biology</i> , 1999, 145, 645-657.	2.3	205
69	Nucleocytoplasmic Shuttling Factors Including Ran and CRM1 Mediate Nuclear Export of NFAT In Vitro. <i>Journal of Cell Biology</i> , 1998, 141, 863-874.	2.3	167
70	CORRECTIONS: XL $\hat{L}\pm$ s is a new type of G protein. <i>Nature</i> , 1995, 375, 253-253.	13.7	6
71	XL $\hat{L}\pm$ s is a new type of G protein. <i>Nature</i> , 1994, 372, 804-809.	13.7	228