Alexander F Palazzo

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	3,264 citations	23 h-index	57 g-index
62 ext. papers	3,968 ext. citations	11.3 avg, IF	5.62 L-index

#	Paper	IF	Citations
49	mDia mediates Rho-regulated formation and orientation of stable microtubules. *Nature Cell Biology* , **2001**, 3, 723-9	23.4	481
48	Non-coding RNA: what is functional and what is junk?. *Frontiers in Genetics*, **2015**, 6, 2	4.5	385
47	Localized stabilization of microtubules by integrin- and FAK-facilitated Rho signaling. *Science*, **2004**, 303, 836-9	33.3	363
46	Mechanisms determining the morphology of the peripheral ER. *Cell*, **2010**, 143, 774-88	56.2	342
45	Cdc42, dynein, and dynactin regulate MTOC reorientation independent of Rho-regulated microtubule stabilization. *Current Biology*, **2001**, 11, 1536-41	6.3	283
44	Cell biology: Tubulin acetylation and cell motility. *Nature*, **2003**, 421, 230	50.4	188
43	The case for junk DNA. *PLoS Genetics*, **2014**, 10, e1004351	6	146
42	Induction of apoptosis by the garlic-derived compound S-allylmercaptocysteine (SAMC) is associated with microtubule depolymerization and c-Jun NH(2)-terminal kinase 1 activation. *Cancer Research*, **2003**, 63, 6825-37	10.1	90
41	The signal sequence coding region promotes nuclear export of mRNA. *PLoS Biology*, **2007**, 5, e322	9.7	88
40	p180 promotes the ribosome-independent localization of a subset of mRNA to the endoplasmic reticulum. *PLoS Biology*, **2012**, 10, e1001336	9.7	82
39	A retention mechanism for distribution of mitochondria during cell division in budding yeast. *Current Biology*, **1999**, 9, 1111-4	6.3	70
38	A proximity-dependent biotinylation map of a human cell. *Nature*, **2021**, 595, 120-124	50.4	60
37	Genome analysis reveals interplay between 5′UTR introns and nuclear mRNA export for secretory and mitochondrial genes. *PLoS Genetics*, **2011**, 7, e1001366	6	59
36	Functional Long Non-coding RNAs Evolve from Junk Transcripts. *Cell*, **2020**, 183, 1151-1161	56.2	59
35	Use of signal specific receptor tyrosine kinase oncoproteins reveals that pathways downstream from Grb2 or Shc are sufficient for cell transformation and metastasis. *Oncogene*, **2002**, 21, 1800-11	9.2	53
34	Single-Molecule Quantification of Translation-Dependent Association of mRNAs with the Endoplasmic Reticulum. *Cell Reports*, **2017**, 21, 3740-3753	10.6	44
33	RanBP2/Nup358 potentiates the translation of a subset of mRNAs encoding secretory proteins. *PLoS Biology*, **2013**, 11, e1001545	9.7	43

32	Microtubule-actin cross-talk at focal adhesions. *Science Signaling*, **2002**, 2002, pe31	8.8	39
31	Sequence Determinants for Nuclear Retention and Cytoplasmic Export of mRNAs and lncRNAs. *Frontiers in Genetics*, **2018**, 9, 440	4.5	39
30	Localization of mRNAs to the endoplasmic reticulum. *Wiley Interdisciplinary Reviews RNA*, **2014**, 5, 481-92	9.3	37
29	Trafficking of mRNAs containing ALREX-promoting elements through nuclear speckles. *Nucleus*, **2013**, 4, 326-40	3.9	33
28	Nuclear export as a key arbiter of "mRNA identity" in eukaryotes. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2012**, 1819, 566-77	6	32
27	The consensus 5R splice site motif inhibits mRNA nuclear export. *PLoS ONE*, **2015**, 10, e0122743	3.7	25
26	Analysis of mRNA nuclear export kinetics in mammalian cells by microinjection. *Journal of Visualized Experiments*, **2010**,	1.6	20
25	Splicing promotes the nuclear export of β-globin mRNA by overcoming nuclear retention elements. *Rna*, **2015**, 21, 1908-20	5.8	19
24	ALREX-elements and introns: two identity elements that promote mRNA nuclear export. *Wiley Interdisciplinary Reviews RNA*, **2013**, 4, 523-33	9.3	17
23	Identification of a region within the placental alkaline phosphatase mRNA that mediates p180-dependent targeting to the endoplasmic reticulum. *Journal of Biological Chemistry*, **2013**, 288, 29633-41	5.4	16
22	mRNA localization as a rheostat to regulate subcellular gene expression. *Wiley Interdisciplinary Reviews RNA*, **2017**, 8, e1416	9.3	15
21	A common class of transcripts with 5R intron depletion, distinct early coding sequence features, and -methyladenosine modification. *Rna*, **2017**, 23, 270-283	5.8	13
20	TPR is required for the efficient nuclear export of mRNAs and lncRNAs from short and intron-poor genes. *Nucleic Acids Research*, **2020**, 48, 11645-11663	20.1	12
19	CP248, a derivative of exisulind, causes growth inhibition, mitotic arrest, and abnormalities in microtubule polymerization in glioma cells. *Molecular Cancer Therapeutics*, **2002**, 1, 393-404	6.1	12
18	Getting clear about the F-word in genomics. *PLoS Genetics*, **2020**, 16, e1008702	6	11
17	mRNA encoding Sec61β, a tail-anchored protein, is localized on the endoplasmic reticulum. *Journal of Cell Science*, **2015**, 128, 3398-410	5.3	11
16	Sumoylation is Required for the Cytoplasmic Accumulation of a Subset of mRNAs. *Genes*, **2014**, 5, 982-1000	4.2	11
15	A tyrosine sulfation-dependent HLA-I modification identifies memory B cells and plasma cells. *Science Advances*, **2018**, 4, eaar7653	14.3	10

14	Single particle imaging of mRNAs crossing the nuclear pore: Surfing on the edge. *BioEssays*, **2016**, 38, 744-50	4.1	8
13	Crosstalk between nucleocytoplasmic trafficking and the innate immune response to viral infection. *Journal of Biological Chemistry*, **2021**, 297, 100856	5.4	7
12	Visualization of endoplasmic reticulum localized mRNAs in mammalian cells. *Journal of Visualized Experiments*, **2012**, e50066	1.6	6
11	Architecture of the cytoplasmic face of the nuclear pore		6
10	RanBP2/Nup358 enhances miRNA activity by sumoylating Argonautes. *PLoS Genetics*, **2021**, 17, e1009378		6
9	MKRN2 Physically Interacts with GLE1 to Regulate mRNA Export and Zebrafish Retinal Development. *Cell Reports*, **2020**, 31, 107693	10.6	4
8	Positional requirements for the stimulation of mRNA nuclear export by ALREX-promoting elements. *Molecular BioSystems*, **2012**, 8, 2527-30		3
7	Assessing mRNA nuclear export in mammalian cells by microinjection. *Methods*, **2017**, 126, 76-85	4.6	2
6	GC-content biases in protein-coding genes act as an "mRNA identity" feature for nuclear export. *BioEssays*, **2021**, 43, e2000197	4.1	2
5	Roles of Nucleoporin RanBP2/Nup358 in Acute Necrotizing Encephalopathy Type 1 (ANE1) and Viral Infection.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
4	TPR is required for the nuclear export of mRNAs and lncRNAs from intronless and intron-poor genes		1
3	Visualization of Endoplasmic Reticulum-Associated mRNA in Mammalian Cells. *Methods in Molecular Biology*, **2020**, 2166, 35-49	1.4	1
2	Non-Darwinian Molecular Biology.. *Frontiers in Genetics*, **2022**, 13, 831068	4.5	0
1	Workshop on RanBP2/Nup358 and acute necrotizing encephalopathy.. *Nucleus*, **2022**, 13, 154-169	3.9	0