

Alexander F Palazzo

List of Publications by Year in Descending Order

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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	Non-Darwinian Molecular Biology.. <i>Frontiers in Genetics</i> , 2022 , 13, 831068	4.5	0
48	Roles of Nucleoporin RanBP2/Nup358 in Acute Necrotizing Encephalopathy Type 1 (ANE1) and Viral Infection.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
47	Workshop on RanBP2/Nup358 and acute necrotizing encephalopathy.. <i>Nucleus</i> , 2022 , 13, 154-169	3.9	0
46	A proximity-dependent biotinylation map of a human cell. <i>Nature</i> , 2021 , 595, 120-124	50.4	60
45	Crosstalk between nucleocytoplasmic trafficking and the innate immune response to viral infection. <i>Journal of Biological Chemistry</i> , 2021 , 297, 100856	5.4	7
44	GC-content biases in protein-coding genes act as an "mRNA identity" feature for nuclear export. <i>BioEssays</i> , 2021 , 43, e2000197	4.1	2
43	RanBP2/Nup358 enhances miRNA activity by sumoylating Argonautes. <i>PLoS Genetics</i> , 2021 , 17, e1009378		6
42	MKRN2 Physically Interacts with GLE1 to Regulate mRNA Export and Zebrafish Retinal Development. <i>Cell Reports</i> , 2020 , 31, 107693	10.6	4
41	Getting clear about the F-word in genomics. <i>PLoS Genetics</i> , 2020 , 16, e1008702	6	11
40	TPR is required for the efficient nuclear export of mRNAs and lncRNAs from short and intron-poor genes. <i>Nucleic Acids Research</i> , 2020 , 48, 11645-11663	20.1	12
39	Functional Long Non-coding RNAs Evolve from Junk Transcripts. <i>Cell</i> , 2020 , 183, 1151-1161	56.2	59
38	Visualization of Endoplasmic Reticulum-Associated mRNA in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2020 , 2166, 35-49	1.4	1
37	A tyrosine sulfation-dependent HLA-I modification identifies memory B cells and plasma cells. <i>Science Advances</i> , 2018 , 4, eaar7653	14.3	10
36	Sequence Determinants for Nuclear Retention and Cytoplasmic Export of mRNAs and lncRNAs. <i>Frontiers in Genetics</i> , 2018 , 9, 440	4.5	39
35	mRNA localization as a rheostat to regulate subcellular gene expression. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017 , 8, e1416	9.3	15
34	Assessing mRNA nuclear export in mammalian cells by microinjection. <i>Methods</i> , 2017 , 126, 76-85	4.6	2
33	A common class of transcripts with 5Rintron depletion, distinct early coding sequence features, and -methyladenosine modification. <i>Rna</i> , 2017 , 23, 270-283	5.8	13

32	Single-Molecule Quantification of Translation-Dependent Association of mRNAs with the Endoplasmic Reticulum. <i>Cell Reports</i> , 2017 , 21, 3740-3753	10.6	44
31	Single particle imaging of mRNAs crossing the nuclear pore: Surfing on the edge. <i>BioEssays</i> , 2016 , 38, 744-50	4.1	8
30	Splicing promotes the nuclear export of β globin mRNA by overcoming nuclear retention elements. <i>Rna</i> , 2015 , 21, 1908-20	5.8	19
29	Non-coding RNA: what is functional and what is junk?. <i>Frontiers in Genetics</i> , 2015 , 6, 2	4.5	385
28	mRNA encoding Sec61 β tail-anchored protein, is localized on the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2015 , 128, 3398-410	5.3	11
27	The consensus 5Rsplice site motif inhibits mRNA nuclear export. <i>PLoS ONE</i> , 2015 , 10, e0122743	3.7	25
26	Localization of mRNAs to the endoplasmic reticulum. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014 , 5, 481-92.3	9.3	37
25	Sumoylation is Required for the Cytoplasmic Accumulation of a Subset of mRNAs. <i>Genes</i> , 2014 , 5, 982-1000	4.0	11
24	The case for junk DNA. <i>PLoS Genetics</i> , 2014 , 10, e1004351	6	146
23	ALREX-elements and introns: two identity elements that promote mRNA nuclear export. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013 , 4, 523-33	9.3	17
22	RanBP2/Nup358 potentiates the translation of a subset of mRNAs encoding secretory proteins. <i>PLoS Biology</i> , 2013 , 11, e1001545	9.7	43
21	Identification of a region within the placental alkaline phosphatase mRNA that mediates p180-dependent targeting to the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 2013 , 288, 29633-41	5.4	16
20	Trafficking of mRNAs containing ALREX-promoting elements through nuclear speckles. <i>Nucleus</i> , 2013 , 4, 326-40	3.9	33
19	Positional requirements for the stimulation of mRNA nuclear export by ALREX-promoting elements. <i>Molecular BioSystems</i> , 2012 , 8, 2527-30		3
18	Visualization of endoplasmic reticulum localized mRNAs in mammalian cells. <i>Journal of Visualized Experiments</i> , 2012 , e50066	1.6	6
17	Nuclear export as a key arbiter of "mRNA identity" in eukaryotes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012 , 1819, 566-77	6	32
16	p180 promotes the ribosome-independent localization of a subset of mRNA to the endoplasmic reticulum. <i>PLoS Biology</i> , 2012 , 10, e1001336	9.7	82
15	Genome analysis reveals interplay between 5RUTR introns and nuclear mRNA export for secretory and mitochondrial genes. <i>PLoS Genetics</i> , 2011 , 7, e1001366	6	59

14	Analysis of mRNA nuclear export kinetics in mammalian cells by microinjection. <i>Journal of Visualized Experiments</i> , 2010 ,	1.6	20
13	Mechanisms determining the morphology of the peripheral ER. <i>Cell</i> , 2010 , 143, 774-88	56.2	342
12	The signal sequence coding region promotes nuclear export of mRNA. <i>PLoS Biology</i> , 2007 , 5, e322	9.7	88
11	Localized stabilization of microtubules by integrin- and FAK-facilitated Rho signaling. <i>Science</i> , 2004 , 303, 836-9	33.3	363
10	Cell biology: Tubulin acetylation and cell motility. <i>Nature</i> , 2003 , 421, 230	50.4	188
9	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. <i>Cancer Research</i> , 2003 , 63, 6825-37	10.1	90
8	Use of signal specific receptor tyrosine kinase oncoproteins reveals that pathways downstream from Grb2 or Shc are sufficient for cell transformation and metastasis. <i>Oncogene</i> , 2002 , 21, 1800-11	9.2	53
7	Microtubule-actin cross-talk at focal adhesions. <i>Science Signaling</i> , 2002 , 2002, pe31	8.8	39
6	CP248, a derivative of exisulind, causes growth inhibition, mitotic arrest, and abnormalities in microtubule polymerization in glioma cells. <i>Molecular Cancer Therapeutics</i> , 2002 , 1, 393-404	6.1	12
5	mDia mediates Rho-regulated formation and orientation of stable microtubules. <i>Nature Cell Biology</i> , 2001 , 3, 723-9	23.4	481
4	Cdc42, dynein, and dynactin regulate MTOC reorientation independent of Rho-regulated microtubule stabilization. <i>Current Biology</i> , 2001 , 11, 1536-41	6.3	283
3	A retention mechanism for distribution of mitochondria during cell division in budding yeast. <i>Current Biology</i> , 1999 , 9, 1111-4	6.3	70
2	Architecture of the cytoplasmic face of the nuclear pore		6
1	TPR is required for the nuclear export of mRNAs and lncRNAs from intronless and intron-poor genes		1