Imre Gaspar

List of Publications by Year in Descending Order

35 papers	773 citations	15 h-index	27 g-index
38 ext. papers	1,022 ext. citations	12.9 avg, IF	4.26 L-index

#	Paper	IF	Citations
35	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. *Science*, **2021**, 374, 717-723	33.3	15
34	Drosophila Atg9 regulates the actin cytoskeleton via interactions with profilin and Ena. *Cell Death and Differentiation*, **2020**, 27, 1677-1692	12.7	8
33	One-step enzymatic modification of RNA 3' termini using polymerase *Nucleic Acids Research*, **2019**, 47, 3272-3283	20.1	3
32	Staufen2-mediated RNA recognition and localization requires combinatorial action of multiple domains. *Nature Communications*, **2019**, 10, 1659	17.4	8
31	Live cell imaging reveals 3'-UTR dependent mRNA sorting to synapses. *Nature Communications*, **2019**, 10, 3178	17.4	24
30	Nuclear Pores Assemble from Nucleoporin Condensates During Oogenesis. *Cell*, **2019**, 179, 671-686.e17	56.2	40
29	Quantitative mRNA Imaging with Dual Channel qFIT Probes to Monitor Distribution and Degree of Hybridization. *ACS Chemical Biology*, **2018**, 13, 742-749	4.9	11
28	Terminal Deoxynucleotidyl Transferase Mediated Production of Labeled Probes for Single-molecule FISH or RNA Capture. *Bio-protocol*, **2018**, 8, e2750	0.9	8
27	In Vivo Visualization and Function Probing of Transport mRNPs Using Injected FIT Probes. *Methods in Molecular Biology*, **2018**, 1649, 273-287	1.4	
26	An RNA-binding atypical tropomyosin recruits kinesin-1 dynamically to oskar mRNPs. *EMBO Journal*, **2017**, 36, 319-333	13	37
25	RNA localization feeds translation. *Science*, **2017**, 357, 1235-1236	33.3	2
24	Enzymatic production of single-molecule FISH and RNA capture probes. *Rna*, **2017**, 23, 1582-1591	5.8	69
23	Ooplasmic Extract from Developing Oocytes for Quantitative TIRF Microscopy Analysis. *Bio-protocol*, **2017**, 7,	0.9	4
22	Eukaryotic rRNA Modification by Yeast 5-Methylcytosine-Methyltransferases and Human Proliferation-Associated Antigen p120. *PLoS ONE*, **2015**, 10, e0133321	3.7	59
21	Strength in numbers: quantitative single-molecule RNA detection assays. *Wiley Interdisciplinary Reviews: Developmental Biology*, **2015**, 4, 135-50	5.9	42
20	Brightness through local constraint--LNA-enhanced FIT hybridization probes for in vivo ribonucleotide particle tracking. *Angewandte Chemie - International Edition*, **2014**, 53, 11370-5	16.4	50
19	Klar ensures thermal robustness of oskar localization by restraining RNP motility. *Journal of Cell Biology*, **2014**, 206, 199-215	7.3	16

18	Helligkeit durch lokale Rigidifizierung □LNA-verst□kte FIT-Sonden zur bildgebenden Darstellung von Ribonukleotidpartikeln in vivo. *Angewandte Chemie*, **2014**, 126, 11553-11558	3.6	8
17	A single Drosophila embryo extract for the study of mitosis ex vivo. *Nature Protocols*, **2013**, 8, 310-24	18.8	9
16	Brightness enhanced DNA FIT-probes for wash-free RNA imaging in tissue. *Journal of the American Chemical Society*, **2013**, 135, 19025-32	16.4	90
15	'Poking' microtubules bring about nuclear wriggling to position nuclei. *Journal of Cell Science*, **2013**, 126, 254-62	5.3	9
14	□Poking□microtubules bring about nuclear wriggling to position nuclei. *Development (Cambridge)*, **2013**, 140, e808-e808	6.6	
13	An intracellular transmission control protocol: assembly and transport of ribonucleoprotein complexes. *Current Opinion in Cell Biology*, **2012**, 24, 202-10	9	37
12	Control of RNP motility and localization by a splicing-dependent structure in oskar mRNA. *Nature Structural and Molecular Biology*, **2012**, 19, 441-9	17.6	85
11	Aster migration determines the length scale of nuclear separation in the Drosophila syncytial embryo. *Journal of Cell Biology*, **2012**, 197, 887-95	7.3	54
10	Microtubule-based motor-mediated mRNA localization in Drosophila oocytes and embryos. *Biochemical Society Transactions*, **2011**, 39, 1197-201	5.1	10
9	The involvement of Importin-□and peroxiredoxin-6005 in mitochondrial biogenesis. *Mechanisms of Development*, **2011**, 128, 191-9	1.7	1
8	HorkaD, a chromosome instability-causing mutation in Drosophila, is a dominant-negative allele of Lodestar. *Genetics*, **2009**, 181, 367-77	4	6
7	Glu415 in the alpha-tubulins plays a key role in stabilizing the microtubule-ADP-kinesin complexes. *Journal of Cell Science*, **2009**, 122, 2857-65	5.3	6
6	In vivo analysis of MT-based vesicle transport by confocal reflection microscopy. *Cytoskeleton*, **2009** , 66, 68-79		18
5	Assembly of endogenous oskar mRNA particles for motor-dependent transport in the Drosophila oocyte. *Cell*, **2009**, 139, 983-98	56.2	7
4	alpha4-Tubulin is involved in rapid formation of long microtubules to push apart the daughter centrosomes during earlyx Drosophila embryogenesis. *Journal of Cell Science*, **2006**, 119, 3238-48	5.3	13
3	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution		22
2	An RNA-binding tropomyosin recruits kinesin-1 dynamically to oskar mRNPs		1
1	Enzymatic production of single molecule FISH and RNA capture probes		1