

Imre Gaspar

List of Publications by Citations

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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.

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	Brightness enhanced DNA FIT-probes for wash-free RNA imaging in tissue. <i>Journal of the American Chemical Society</i> , 2013 , 135, 19025-32	16.4	90
34	Control of RNP motility and localization by a splicing-dependent structure in oskar mRNA. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 441-9	17.6	85
33	Enzymatic production of single-molecule FISH and RNA capture probes. <i>Rna</i> , 2017 , 23, 1582-1591	5.8	69
32	Eukaryotic rRNA Modification by Yeast 5-Methylcytosine-Methyltransferases and Human Proliferation-Associated Antigen p120. <i>PLoS ONE</i> , 2015 , 10, e0133321	3.7	59
31	Aster migration determines the length scale of nuclear separation in the Drosophila syncytial embryo. <i>Journal of Cell Biology</i> , 2012 , 197, 887-95	7.3	54
30	Brightness through local constraint--LNA-enhanced FIT hybridization probes for in vivo ribonucleotide particle tracking. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11370-5	16.4	50
29	Strength in numbers: quantitative single-molecule RNA detection assays. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2015 , 4, 135-50	5.9	42
28	Nuclear Pores Assemble from Nucleoporin Condensates During Oogenesis. <i>Cell</i> , 2019 , 179, 671-686.e1756.2	56.2	40
27	An RNA-binding atypical tropomyosin recruits kinesin-1 dynamically to oskar mRNPs. <i>EMBO Journal</i> , 2017 , 36, 319-333	13	37
26	An intracellular transmission control protocol: assembly and transport of ribonucleoprotein complexes. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 202-10	9	37
25	Live cell imaging reveals 3'-UTR dependent mRNA sorting to synapses. <i>Nature Communications</i> , 2019 , 10, 3178	17.4	24
24	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution		22
23	In vivo analysis of MT-based vesicle transport by confocal reflection microscopy. <i>Cytoskeleton</i> , 2009 , 66, 68-79		18
22	Klar ensures thermal robustness of oskar localization by restraining RNP motility. <i>Journal of Cell Biology</i> , 2014 , 206, 199-215	7.3	16
21	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. <i>Science</i> , 2021 , 374, 717-723	33.3	15
20	alpha4-Tubulin is involved in rapid formation of long microtubules to push apart the daughter centrosomes during early Drosophila embryogenesis. <i>Journal of Cell Science</i> , 2006 , 119, 3238-48	5.3	13
19	Quantitative mRNA Imaging with Dual Channel qFIT Probes to Monitor Distribution and Degree of Hybridization. <i>ACS Chemical Biology</i> , 2018 , 13, 742-749	4.9	11

18	Microtubule-based motor-mediated mRNA localization in <i>Drosophila</i> oocytes and embryos. <i>Biochemical Society Transactions</i> , 2011 , 39, 1197-201	5.1	10
17	A single <i>Drosophila</i> embryo extract for the study of mitosis ex vivo. <i>Nature Protocols</i> , 2013 , 8, 310-24	18.8	9
16	'Poking' microtubules bring about nuclear wriggling to position nuclei. <i>Journal of Cell Science</i> , 2013 , 126, 254-62	5.3	9
15	Staufen2-mediated RNA recognition and localization requires combinatorial action of multiple domains. <i>Nature Communications</i> , 2019 , 10, 1659	17.4	8
14	Helligkeit durch lokale Rigidifizierung \square NA-verstärkte FIT-Sonden zur bildgebenden Darstellung von Ribonukleotidpartikeln in vivo. <i>Angewandte Chemie</i> , 2014 , 126, 11553-11558	3.6	8
13	Terminal Deoxynucleotidyl Transferase Mediated Production of Labeled Probes for Single-molecule FISH or RNA Capture. <i>Bio-protocol</i> , 2018 , 8, e2750	0.9	8
12	<i>Drosophila</i> Atg9 regulates the actin cytoskeleton via interactions with profilin and Ena. <i>Cell Death and Differentiation</i> , 2020 , 27, 1677-1692	12.7	8
11	Assembly of endogenous oskar mRNA particles for motor-dependent transport in the <i>Drosophila</i> oocyte. <i>Cell</i> , 2009 , 139, 983-98	56.2	7
10	HorkaD, a chromosome instability-causing mutation in <i>Drosophila</i> , is a dominant-negative allele of Lodestar. <i>Genetics</i> , 2009 , 181, 367-77	4	6
9	Glu415 in the alpha-tubulins plays a key role in stabilizing the microtubule-ADP-kinesin complexes. <i>Journal of Cell Science</i> , 2009 , 122, 2857-65	5.3	6
8	Ooplasmic Extract from Developing Oocytes for Quantitative TIRF Microscopy Analysis. <i>Bio-protocol</i> , 2017 , 7,	0.9	4
7	One-step enzymatic modification of RNA 3' termini using polymerase \square <i>Nucleic Acids Research</i> , 2019 , 47, 3272-3283	20.1	3
6	RNA localization feeds translation. <i>Science</i> , 2017 , 357, 1235-1236	33.3	2
5	The involvement of Importin- β and peroxiredoxin-6005 in mitochondrial biogenesis. <i>Mechanisms of Development</i> , 2011 , 128, 191-9	1.7	1
4	An RNA-binding tropomyosin recruits kinesin-1 dynamically to oskar mRNPs		1
3	Enzymatic production of single molecule FISH and RNA capture probes		1
2	'Poking' \square microtubules bring about nuclear wriggling to position nuclei. <i>Development (Cambridge)</i> , 2013 , 140, e808-e808	6.6	
1	In Vivo Visualization and Function Probing of Transport mRNPs Using Injected FIT Probes. <i>Methods in Molecular Biology</i> , 2018 , 1649, 273-287	1.4	

