Imre Gaspar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5519528/publications.pdf

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30 papers	1,191 citations	623188 14 h-index	454577 30 g-index
38 all docs	38 docs citations	38 times ranked	1621 citing authors

#	Article	IF	Citations
1	Enzymatic production of single-molecule FISH and RNA capture probes. Rna, 2017, 23, 1582-1591.	1.6	122
2	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. Science, 2021, 374, 717-723.	6.0	111
3	Control of RNP motility and localization by a splicing-dependent structure in oskar mRNA. Nature Structural and Molecular Biology, 2012, 19, 441-449.	3.6	109
4	Brightness Enhanced DNA FIT-Probes for Wash-Free RNA Imaging in Tissue. Journal of the American Chemical Society, 2013, 135, 19025-19032.	6.6	103
5	Aster migration determines the length scale of nuclear separation in the Drosophila syncytial embryo. Journal of Cell Biology, 2012, 197, 887-895.	2.3	88
6	Nuclear Pores Assemble from Nucleoporin Condensates During Oogenesis. Cell, 2019, 179, 671-686.e17.	13.5	87
7	Eukaryotic rRNA Modification by Yeast 5-Methylcytosine-Methyltransferases and Human Proliferation-Associated Antigen p120. PLoS ONE, 2015, 10, e0133321.	1.1	73
8	An <scp>RNA</scp>â€binding atypical tropomyosin recruits kinesinâ€1 dynamically to oskar<scp>mRNP</scp>s. EMBO Journal, 2017, 36, 319-333.	3.5	60
9	Brightness through Local Constraintâ€"LNAâ€Enhanced FIT Hybridization Probes for In Vivo Ribonucleotide Particle Tracking. Angewandte Chemie - International Edition, 2014, 53, 11370-11375.	7.2	55
10	Strength in numbers: quantitative singleâ€molecule <scp>RNA</scp> detection assays. Wiley Interdisciplinary Reviews: Developmental Biology, 2015, 4, 135-150.	5.9	52
11	An Intracellular Transmission Control Protocol: assembly and transport of ribonucleoprotein complexes. Current Opinion in Cell Biology, 2012, 24, 202-210.	2.6	43
12	Live cell imaging reveals 3â€²-UTR dependent mRNA sorting to synapses. Nature Communications, 2019, 10, 3178.	5.8	35
13	Klar ensures thermal robustness of oskar localization by restraining RNP motility. Journal of Cell Biology, 2014, 206, 199-215.	2.3	27
14	In vivo analysis of MTâ€based vesicle transport by confocal reflection microscopy. Cytoskeleton, 2009, 66, 68-79.	4.4	22
15	Staufen2-mediated RNA recognition and localization requires combinatorial action of multiple domains. Nature Communications, 2019, 10, 1659.	5.8	18
16	A single Drosophila embryo extract for the study of mitosis ex vivo. Nature Protocols, 2013, 8, 310-324.	5.5	16
17	Quantitative mRNA Imaging with Dual Channel qFIT Probes to Monitor Distribution and Degree of Hybridization. ACS Chemical Biology, 2018, 13, 742-749.	1.6	15
18	Drosophila Atg9 regulates the actin cytoskeleton via interactions with profilin and Ena. Cell Death and Differentiation, 2020, 27, 1677-1692.	5.0	15

#	Article	IF	Citations
19	Î±4-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, 3238-3248.	1.2	14
20	Terminal Deoxynucleotidyl Transferase Mediated Production of Labeled Probes for Single-molecule FISH or RNA Capture. Bio-protocol, 2018, 8, e2750.	0.2	14
21	Microtubule-based motor-mediated mRNA localization in Drosophila oocytes and embryos. Biochemical Society Transactions, 2011, 39, 1197-1201.	1.6	12
22	HorkaD, a Chromosome Instability-Causing Mutation in Drosophila, Is a Dominant-Negative Allele of lodestar. Genetics, 2009, 181, 367-377.	1.2	10
23	â€˜Pokingâ€™ microtubules bring about nuclear wriggling to position nuclei. Journal of Cell Science, 2013, 126, 254-262.	1.2	10
24	Ex vivo Ooplasmic Extract from Developing Drosophila Oocytes for Quantitative TIRF Microscopy Analysis. Bio-protocol, 2017, 7, .	0.2	8
25	One-step enzymatic modification of RNA 3â€² termini using polymerase Î¸. Nucleic Acids Research, 2019, 47, 3272-3283.	6.5	7
26	Glu415 in the Î±-tubulins plays a key role in stabilizing the microtubuleâ€“ADP-kinesin complexes. Journal of Cell Science, 2009, 122, 2857-2865.	1.2	6
27	RNA localization feeds translation. Science, 2017, 357, 1235-1236.	6.0	3
28	The involvement of Importin-Î² and peroxiredoxin-6005 in mitochondrial biogenesis. Mechanisms of Development, 2011, 128, 191-199.	1.7	1
29	In Vivo Visualization and Function Probing of Transport mRNPs Using Injected FIT Probes. Methods in Molecular Biology, 2018, 1649, 273-287.	0.4	0
30	â€˜Pokingâ€™ microtubules bring about nuclear wriggling to position nuclei. Development (Cambridge), 2013, 140, e808-e808.	1.2	0