

Leila Muresan

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,416
citations

516710

16
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

2374
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Real-Time Dynamics of RNA Polymerase II Clustering in Live Human Cells. <i>Science</i> , 2013, 341, 664-667. | 12.6 | 417 |
| 2 | Mechanical Coupling between Endoderm Invagination and Axis Extension in <i>Drosophila</i> . <i>PLoS Biology</i> , 2015, 13, e1002292. | 5.6 | 128 |
| 3 | PSD95 nanoclusters are postsynaptic building blocks in hippocampus circuits. <i>Scientific Reports</i> , 2016, 6, 24626. | 3.3 | 122 |
| 4 | Single-cell lineage tracing in the mammary gland reveals stochastic clonal dispersion of stem/progenitor cell progeny. <i>Nature Communications</i> , 2016, 7, 13053. | 12.8 | 109 |
| 5 | Activation of the Notch Signaling Pathway In Vivo Elicits Changes in CSL Nuclear Dynamics. <i>Developmental Cell</i> , 2018, 44, 611-623.e7. | 7.0 | 74 |
| 6 | Single-molecule analysis of endogenous β -actin mRNA trafficking reveals a mechanism for compartmentalized mRNA localization in axons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9697-E9706. | 7.1 | 69 |
| 7 | RNA expression profiling at the single molecule level. <i>Genome Research</i> , 2006, 16, 1041-1045. | 5.5 | 62 |
| 8 | The ciliary marginal zone of the zebrafish retina: clonal and time-lapse analysis of a continuously growing tissue. <i>Development (Cambridge)</i> , 2016, 143, 1099-107. | 2.5 | 60 |
| 9 | The Two Cis-Acting Sites, parS1 and oriC1, Contribute to the Longitudinal Organisation of <i>Vibrio cholerae</i> Chromosome I. <i>PLoS Genetics</i> , 2014, 10, e1004448. | 3.5 | 49 |
| 10 | Neuromesodermal progenitors are a conserved source of spinal cord with divergent growth dynamics. <i>Development (Cambridge)</i> , 2018, 145, . | 2.5 | 49 |
| 11 | Differential Management of the Replication Terminus Regions of the Two <i>Vibrio cholerae</i> Chromosomes during Cell Division. <i>PLoS Genetics</i> , 2014, 10, e1004557. | 3.5 | 38 |
| 12 | Cell division licensing in the multi-chromosomal <i>Vibrio cholerae</i> bacterium. <i>Nature Microbiology</i> , 2016, 1, 16094. | 13.3 | 37 |
| 13 | Single molecule light field microscopy. <i>Optica</i> , 2020, 7, 1065. | 9.3 | 37 |
| 14 | Suppression of epithelial folding at actomyosin-enriched compartment boundaries downstream of Wingless signalling in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2018, 145, . | 2.5 | 24 |
| 15 | Fast imaging of live organisms with sculpted light sheets. <i>Scientific Reports</i> , 2015, 5, 9385. | 3.3 | 22 |
| 16 | Massively Parallel Haplotyping on Microscopic Beads for the High-Throughput Phase Analysis of Single Molecules. <i>PLoS ONE</i> , 2012, 7, e36064. | 2.5 | 18 |
| 17 | <sc>MAVS</sc> polymers smaller than 80 nm induce mitochondrial membrane remodeling and interferon signaling. <i>FEBS Journal</i> , 2019, 286, 1543-1560. | 4.7 | 18 |
| 18 | The zebrafish presomitic mesoderm elongates through compaction-extension. <i>Cells and Development</i> , 2021, 168, 203748. | 1.5 | 15 |

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|----|--|-----|-----------|
| 19 | Self-organising aggregates of zebrafish retinal cells for investigating mechanisms of neural lamination. <i>Development (Cambridge)</i> , 2017, 144, 1097-1106. | 2.5 | 13 |
| 20 | Microarray Analysis at Single-Molecule Resolution. <i>IEEE Transactions on Nanobioscience</i> , 2010, 9, 51-58. | 3.3 | 11 |
| 21 | Spatial cluster analysis of nanoscopically mapped serotonin receptors for classification of fixed brain tissue. <i>Journal of Biomedical Optics</i> , 2013, 19, 011021. | 2.6 | 9 |
| 22 | Early born neurons are abnormally positioned in the doublecortin knockout hippocampus. <i>Human Molecular Genetics</i> , 2016, 26, ddw370. | 2.9 | 9 |
| 23 | 4D imaging reveals stage dependent random and directed cell motion during somite morphogenesis. <i>Scientific Reports</i> , 2018, 8, 12644. | 3.3 | 9 |
| 24 | Expression analysis of multiple myeloma CD138 negative progenitor cells using single molecule microarray readout. <i>Journal of Biotechnology</i> , 2013, 164, 525-530. | 3.8 | 6 |
| 25 | Discovery of Rare Haplotypes by Typing Millions of Single-Molecules with Bead Emulsion Haplotyping (BEH). <i>Methods in Molecular Biology</i> , 2017, 1551, 273-305. | 0.9 | 4 |
| 26 | Disaggregation and Reaggregation of Zebrafish Retinal Cells for the Analysis of Neuronal Layering. <i>Methods in Molecular Biology</i> , 2017, 1576, 255-271. | 0.9 | 3 |
| 27 | Single molecule fluorescence microscopy for ultra-sensitive RNA expression profiling. , 2007, , . | | 1 |
| 28 | Oligonucleotide Microarray Analysis with Single Molecule Sensitivity. <i>Biophysical Journal</i> , 2009, 96, 313a. | 0.5 | 0 |
| 29 | From Single-Molecule Interactions to Population-Level Dynamics: Understanding the Complex Organization of RNA Pol II in the Nucleus of Living Cells. <i>Biophysical Journal</i> , 2012, 102, 475a. | 0.5 | 0 |
| 30 | 4D visualisation and analysis of somite morphogenesis in live embryos using multi-photon microscopy. <i>Mechanisms of Development</i> , 2017, 145, S71. | 1.7 | 0 |
| 31 | Long-term in toto cell tracking using lightsheet microscopy of the zebrafish tailbud. <i>Wellcome Open Research</i> , 0, 3, 163. | 1.8 | 0 |
| 32 | Long-term in toto cell tracking using lightsheet microscopy of the zebrafish tailbud. <i>Wellcome Open Research</i> , 0, 3, 163. | 1.8 | 0 |