

# Leila Muresan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6033346/publications.pdf>

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	The zebrafish presomitic mesoderm elongates through compaction-extension. <i>Cells and Development</i> , 2021, 168, 203748.	1.5	15
2	Single molecule light field microscopy. <i>Optica</i> , 2020, 7, 1065.	9.3	37
3	<scp>MAVS</scp> polymers smaller than 80 nm induce mitochondrial membrane remodeling and interferon signaling. <i>FEBS Journal</i> , 2019, 286, 1543-1560.	4.7	18
4	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
5	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
6	Neuromesodermal progenitors are a conserved source of spinal cord with divergent growth dynamics. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	49
7	Single-molecule analysis of endogenous $\beta$ -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
8	4D imaging reveals stage dependent random and directed cell motion during somite morphogenesis. <i>Scientific Reports</i> , 2018, 8, 12644.	3.3	9
9	Self-organising aggregates of zebrafish retinal cells for investigating mechanisms of neural lamination. <i>Development (Cambridge)</i> , 2017, 144, 1097-1106.	2.5	13
10	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
11	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
12	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
13	Early born neurons are abnormally positioned in the doublecortin knockout hippocampus. <i>Human Molecular Genetics</i> , 2016, 26, ddw370.	2.9	9
14	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
15	Cell division licensing in the multi-chromosomal <i>Vibrio cholerae</i> bacterium. <i>Nature Microbiology</i> , 2016, 1, 16094.	13.3	37
16	PSD95 nanoclusters are postsynaptic building blocks in hippocampus circuits. <i>Scientific Reports</i> , 2016, 6, 24626.	3.3	122
17	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
18	Fast imaging of live organisms with sculpted light sheets. <i>Scientific Reports</i> , 2015, 5, 9385.	3.3	22

#	ARTICLE	IF	CITATIONS
19	Mechanical Coupling between Endoderm Invagination and Axis Extension in <i>Drosophila</i> . <i>PLoS Biology</i> , 2015, 13, e1002292.	5.6	128
20	The Two Cis-Acting Sites, <i>parS1</i> and <i>oriC1</i> , Contribute to the Longitudinal Organisation of <i>Vibrio cholerae</i> Chromosome I. <i>PLoS Genetics</i> , 2014, 10, e1004448.	3.5	49
21	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
22	Real-Time Dynamics of RNA Polymerase II Clustering in Live Human Cells. <i>Science</i> , 2013, 341, 664-667.	12.6	417
23	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
24	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
25	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
26	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
27	Microarray Analysis at Single-Molecule Resolution. <i>IEEE Transactions on Nanobioscience</i> , 2010, 9, 51-58.	3.3	11
28	Oligonucleotide Microarray Analysis with Single Molecule Sensitivity. <i>Biophysical Journal</i> , 2009, 96, 313a.	0.5	0
29	Single molecule fluorescence microscopy for ultra-sensitive RNA expression profiling. , 2007, , .		1
30	RNA expression profiling at the single molecule level. <i>Genome Research</i> , 2006, 16, 1041-1045.	5.5	62
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