

# Mariangela Morlando

## List of Publications by Citations

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36  
papers

3,457  
citations

25  
h-index

37  
g-index

37  
ext. papers

4,267  
ext. citations

9  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
36	Circ-ZNF609 Is a Circular RNA that Can Be Translated and Functions in Myogenesis. <i>Molecular Cell</i> , <b>2017</b> , 66, 22-37.e9	17.6	1146
35	Primary microRNA transcripts are processed co-transcriptionally. <i>Nature Structural and Molecular Biology</i> , <b>2008</b> , 15, 902-9	17.6	293
34	FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. <i>Nature Communications</i> , <b>2017</b> , 8, 14741	17.4	245
33	MicroRNAs involved in molecular circuitries relevant for the Duchenne muscular dystrophy pathogenesis are controlled by the dystrophin/nNOS pathway. <i>Cell Metabolism</i> , <b>2010</b> , 12, 341-351	24.6	195
32	A feedforward regulatory loop between HuR and the long noncoding RNA linc-MD1 controls early phases of myogenesis. <i>Molecular Cell</i> , <b>2014</b> , 53, 506-14	17.6	170
31	FUS stimulates microRNA biogenesis by facilitating co-transcriptional Drosha recruitment. <i>EMBO Journal</i> , <b>2012</b> , 31, 4502-10	13	161
30	ALS mutant FUS proteins are recruited into stress granules in induced pluripotent stem cell-derived motoneurons. <i>DMM Disease Models and Mechanisms</i> , <b>2015</b> , 8, 755-66	4.1	100
29	Alteration of Epigenetic Regulation by Long Noncoding RNAs in Cancer. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	97
28	An ALS-associated mutation in the FUS 3'UTR disrupts a microRNA-FUS regulatory circuitry. <i>Nature Communications</i> , <b>2014</b> , 5, 4335	17.4	86
27	Modulation of circRNA Metabolism by mA Modification. <i>Cell Reports</i> , <b>2020</b> , 31, 107641	10.6	84
26	Coupled RNA processing and transcription of intergenic primary microRNAs. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 5632-8	4.8	84
25	Novel long noncoding RNAs (lncRNAs) in myogenesis: a miR-31 overlapping lncRNA transcript controls myoblast differentiation. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 728-36	4.8	78
24	The cotranscriptional assembly of snoRNPs controls the biosynthesis of H/ACA snoRNAs in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 5396-403	4.8	68
23	Long Non-Coding RNAs: New Players in Hematopoiesis and Leukemia. <i>Frontiers in Medicine</i> , <b>2015</b> , 2, 23	4.9	64
22	Functional analysis of yeast snoRNA and snRNA 3'end formation mediated by uncoupling of cleavage and polyadenylation. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 1379-89	4.8	64
21	C/EBP $\epsilon$ 30 protein induces expression of the oncogenic long non-coding RNA UCA1 in acute myeloid leukemia. <i>Oncotarget</i> , <b>2015</b> , 6, 18534-44	3.3	58
20	Circ-ZNF609 regulates G1-S progression in rhabdomyosarcoma. <i>Oncogene</i> , <b>2019</b> , 38, 3843-3854	9.2	56

19	The role of long noncoding RNAs in the epigenetic control of gene expression. <i>ChemMedChem</i> , <b>2014</b> , 9, 505-10	3.7	50
18	Non-coding RNAs in muscle differentiation and musculoskeletal disease. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2021-30	15.9	47
17	TDP-43 regulates the microprocessor complex activity during in vitro neuronal differentiation. <i>Molecular Neurobiology</i> , <b>2013</b> , 48, 952-63	6.2	46
16	Deficiency in the nuclear long noncoding RNA causes myogenic defects and heart remodeling in mice. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	43
15	Coupling between snoRNP assembly and 3Xprocessing controls box C/D snoRNA biosynthesis in yeast. <i>EMBO Journal</i> , <b>2004</b> , 23, 2392-401	13	40
14	The Long Non-coding RNA Inc-31 Interacts with Rock1 mRNA and Mediates Its YB-1-Dependent Translation. <i>Cell Reports</i> , <b>2018</b> , 23, 733-740	10.6	35
13	Biogenesis and function of non-coding RNAs in muscle differentiation and in Duchenne muscular dystrophy. <i>Biochemical Society Transactions</i> , <b>2013</b> , 41, 844-9	5.1	32
12	Exploring the Regulatory Role of Circular RNAs in Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	29
11	Non-coding RNAs in Nervous System Development and Disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 273	5.7	22
10	A Regulatory Circuitry Between Gria2, miR-409, and miR-495 Is Affected by ALS FUS Mutation in ESC-Derived Motor Neurons. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 7635-7651	6.2	22
9	Increased FUS levels in astrocytes leads to astrocyte and microglia activation and neuronal death. <i>Scientific Reports</i> , <b>2019</b> , 9, 4572	4.9	15
8	SMaRT lncRNA controls translation of a G-quadruplex-containing mRNA antagonizing the DHX36 helicase. <i>EMBO Reports</i> , <b>2020</b> , 21, e49942	6.5	9
7	Circ-Hdgfrp3 shuttles along neurites and is trapped in aggregates formed by ALS-associated mutant FUS.. <i>IScience</i> , <b>2021</b> , 24, 103504	6.1	5
6	ALS-related FUS mutations alter axon growth in motoneurons and affect HuD/ELAVL4 and FMRP activity. <i>Communications Biology</i> , <b>2021</b> , 4, 1025	6.7	4
5	Emerging Role for Linear and Circular Spermine Oxidase RNAs in Skeletal Muscle Physiopathology. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
4	ALS-FUS mutation affects the activities of HuD/ELAVL4 and FMRP leading to axon phenotypes in motoneurons		
3	Study of Circular RNA Expression by Nonradioactive Northern Blot Procedure. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2348, 371-383	1.4	2
2	Non coding RNA in muscle differentiation and disease. <i>MicroRNA (Sharqah, United Arab Emirates)</i> , <b>2013</b> , 2, 91-101	2.9	1

1 Best practice standards for circular RNA research. *Nature Methods*,

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