

Pietro Laneve

List of Publications by Year in descending order

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34
papers

3,783
citations

331538

21
h-index

377752

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34
all docs

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docs citations

34
times ranked

5711
citing authors

#	ARTICLE	IF	CITATIONS
1	Circ-ZNF609 Is a Circular RNA that Can Be Translated and Functions in Myogenesis. <i>Molecular Cell</i> , 2017, 66, 22-37.e9.	4.5	1,672
2	FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. <i>Nature Communications</i> , 2017, 8, 14741.	5.8	403
3	Concerted microRNA control of Hedgehog signalling in cerebellar neuronal progenitor and tumour cells. <i>EMBO Journal</i> , 2008, 27, 2616-2627.	3.5	303
4	MicroRNA profiling in human medulloblastoma. <i>International Journal of Cancer</i> , 2009, 124, 568-577.	2.3	278
5	The interplay between microRNAs and the neurotrophin receptor tropomyosin-related kinase C controls proliferation of human neuroblastoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7957-7962.	3.3	141
6	ALS mutant FUS proteins are recruited into stress granules in induced Pluripotent Stem Cells (iPSCs) derived motoneurons. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 755-66.	1.2	121
7	A minicircuitry involving REST and CREB controls miR-9-2 expression during human neuronal differentiation. <i>Nucleic Acids Research</i> , 2010, 38, 6895-6905.	6.5	110
8	Purification, Cloning, and Characterization of XendoU, a Novel Endoribonuclease Involved in Processing of Intron-encoded Small Nucleolar RNAs in <i>Xenopus laevis</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 13026-13032.	1.6	81
9	A New Module in Neural Differentiation Control: Two MicroRNAs Upregulated by Retinoic Acid, miR-9 and -103, Target the Differentiation Inhibitor ID2. <i>PLoS ONE</i> , 2012, 7, e40269.	1.1	63
10	TDP-43 Regulates the Microprocessor Complex Activity During In Vitro Neuronal Differentiation. <i>Molecular Neurobiology</i> , 2013, 48, 952-963.	1.9	59
11	The long noncoding RNA linc-NeD125 controls the expression of medulloblastoma driver genes by microRNA sponge activity. <i>Oncotarget</i> , 2017, 8, 31003-31015.	0.8	56
12	The structure of the endoribonuclease XendoU: From small nucleolar RNA processing to severe acute respiratory syndrome coronavirus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12365-12370.	3.3	51
13	Functional Characterization of XendoU, the Endoribonuclease Involved in Small Nucleolar RNA Biosynthesis*. <i>Journal of Biological Chemistry</i> , 2005, 280, 18996-19002.	1.6	48
14	The Tumor Marker Human Placental Protein 11 Is an Endoribonuclease. <i>Journal of Biological Chemistry</i> , 2008, 283, 34712-34719.	1.6	42
15	Mir-23a and mir-125b regulate neural stem/progenitor cell proliferation by targeting Musashi1. <i>RNA Biology</i> , 2014, 11, 1105-1112.	1.5	32
16	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> , 2018, 55, 7635-7651.	1.9	32
17	The <i>Drosophila</i> fragile X mental retardation protein participates in the piRNA pathway. <i>Journal of Cell Science</i> , 2015, 128, 2070-2084.	1.2	31
18	HOTAIRM1 regulates neuronal differentiation by modulating NEUROGENIN 2 and the downstream neurogenic cascade. <i>Cell Death and Disease</i> , 2020, 11, 527.	2.7	28

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19	Characterization of the lincRNA transcriptome in mESC-derived motor neurons: Implications for FUS-ALS. <i>Stem Cell Research</i> , 2018, 27, 172-179.	0.3	27
20	Identification of linc-NeD125, a novel long non coding RNA that hosts miR-125b-1 and negatively controls proliferation of human neuroblastoma cells. <i>RNA Biology</i> , 2015, 12, 1323-1337.	1.5	23
21	Gcm/Glide-dependent conversion into glia depends on neural stem cell age, but not on division, triggering a chromatin signature that is conserved in vertebrate glia. <i>Development (Cambridge)</i> , 2011, 138, 4167-4178.	1.2	22
22	Mir-34a-5p Mediates Cross-Talk between M2 Muscarinic Receptors and Notch-1/EGFR Pathways in U87MG Glioblastoma Cells: Implication in Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1631.	1.8	22
23	Cross Interaction between M2 Muscarinic Receptor and Notch1/EGFR Pathway in Human Glioblastoma Cancer Stem Cells: Effects on Cell Cycle Progression and Survival. <i>Cells</i> , 2020, 9, 657.	1.8	20
24	Large-scale purification and crystallization of the endoribonuclease XendoU: troubleshooting with His-tagged proteins. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 298-301.	0.7	19
25	RNA Deregulation in Amyotrophic Lateral Sclerosis: The Noncoding Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10285.	1.8	18
26	The Gcm/Glide molecular and cellular pathway: New actors and new lineages. <i>Developmental Biology</i> , 2013, 375, 65-78.	0.9	16
27	Interlocked loops trigger lineage specification and stable fates in the <i>Drosophila</i> nervous system. <i>Nature Communications</i> , 2014, 5, 4484.	5.8	16
28	The Non-coding Side of Medulloblastoma. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 275.	1.8	9
29	Identification of Small Molecule Inhibitors of the XendoU Endoribonucleases Family. <i>ChemMedChem</i> , 2011, 6, 1797-1805.	1.6	8
30	<i>Drosophila</i> CG3303 is an essential endoribonuclease linked to TDP-43-mediated neurodegeneration. <i>Scientific Reports</i> , 2017, 7, 41559.	1.6	8
31	Long Noncoding RNAs: Emerging Players in Medulloblastoma. <i>Frontiers in Pediatrics</i> , 2019, 7, 67.	0.9	8
32	A multifunctional locus controls motor neuron differentiation through short and long noncoding RNAs. <i>EMBO Journal</i> , 2022, 41, .	3.5	8
33	Enhanced Northern Blot Detection of Small RNA Species in <i>Drosophila Melanogaster</i> . <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	4
34	Identification and Functional Characterization of Novel MYC-Regulated Long Noncoding RNAs in Group 3 Medulloblastoma. <i>Cancers</i> , 2021, 13, 3853.	1.7	4