

Luca Pandolfini

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,722
citations

840776

11
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

2664
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Promoter-bound METTL3 maintains myeloid leukaemia by m6A-dependent translation control. <i>Nature</i> , 2017, 552, 126-131. | 27.8 | 833 |
| 2 | METTL1 Promotes let-7 MicroRNA Processing via m7G Methylation. <i>Molecular Cell</i> , 2019, 74, 1278-1290.e9. | 9.7 | 288 |
| 3 | RNA modifications detection by comparative Nanopore direct RNA sequencing. <i>Nature Communications</i> , 2021, 12, 7198. | 12.8 | 163 |
| 4 | Longitudinal RNA-Seq Analysis of Vertebrate Aging Identifies Mitochondrial Complex I as a Small-Molecule-Sensitive Modifier of Lifespan. <i>Cell Systems</i> , 2016, 2, 122-132. | 6.2 | 155 |
| 5 | MicroRNA miR-29 controls a compensatory response to limit neuronal iron accumulation during adult life and aging. <i>BMC Biology</i> , 2017, 15, 9. | 3.8 | 75 |
| 6 | The positional identity of mouse ES cell-generated neurons is affected by BMP signaling. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1095-1111. | 5.4 | 29 |
| 7 | Activin/Nodal Signaling Supports Retinal Progenitor Specification in a Narrow Time Window during Pluripotent Stem Cell Neuralization. <i>Stem Cell Reports</i> , 2015, 5, 532-545. | 4.8 | 20 |
| 8 | Methylation of histone H3 at lysine 37 by Set1 and Set2 prevents spurious DNA replication. <i>Molecular Cell</i> , 2021, 81, 2793-2807.e8. | 9.7 | 18 |
| 9 | Assessment of antibody library diversity through next generation sequencing and technical error compensation. <i>PLoS ONE</i> , 2017, 12, e0177574. | 2.5 | 17 |
| 10 | The double inhibition of endogenously produced BMP and Wnt factors synergistically triggers dorsal telencephalic differentiation of mouse ES cells. <i>Developmental Neurobiology</i> , 2015, 75, 66-79. | 3.0 | 16 |
| 11 | RISC-mediated control of selected chromatin regulators stabilizes ground state pluripotency of mouse embryonic stem cells. <i>Genome Biology</i> , 2016, 17, 94. | 8.8 | 12 |
| 12 | Further Evidence Supporting N7-Methylation of Guanosine (m7G) in Human MicroRNAs. <i>Molecular Cell</i> , 2020, 79, 201-202. | 9.7 | 12 |
| 13 | The microRNA miR-21 Is a Mediator of FGF8 Action on Cortical COUP-TFI Translation. <i>Stem Cell Reports</i> , 2018, 11, 756-769. | 4.8 | 11 |
| 14 | The non-coding epitranscriptome in cancer. <i>Briefings in Functional Genomics</i> , 2021, 20, 94-105. | 2.7 | 11 |
| 15 | A eutherian-specific microRNA controls the translation of <i>Satb2</i> in a model of cortical differentiation. <i>Stem Cell Reports</i> , 2021, 16, 1496-1509. | 4.8 | 8 |
| 16 | Towards SINEUP-based therapeutics: Design of an in vitro synthesized SINEUP RNA. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 1092-1102. | 5.1 | 4 |