

Alessio Colantoni

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,859
citations

471371

17
h-index

580701

25
g-index

30
all docs

30
docs citations

30
times ranked

2426
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Revealing proteinâ€“lncRNA interaction. Briefings in Bioinformatics, 2016, 17, 106-116. | 3.2 | 536 |
| 2 | FUS affects circular RNA expression in murine embryonic stem cell-derived motor neurons. Nature Communications, 2017, 8, 14741. | 5.8 | 403 |
| 3 | Modulation of circRNA Metabolism by m6A Modification. Cell Reports, 2020, 31, 107641. | 2.9 | 217 |
| 4 | <i>RAPID</i> omics v2.0: going deeper and wider in the prediction of proteinâ€“RNA interactions. Nucleic Acids Research, 2021, 49, W72-W79. | 6.5 | 79 |
| 5 | FUS Mutant Human Motoneurons Display Altered Transcriptome and microRNA Pathways with Implications for ALS Pathogenesis. Stem Cell Reports, 2017, 9, 1450-1462. | 2.3 | 77 |
| 6 | Circ-ZNF609 regulates G1-S progression in rhabdomyosarcoma. Oncogene, 2019, 38, 3843-3854. | 2.6 | 76 |
| 7 | Deficiency in the nuclear long noncoding <i>Charme</i> causes myogenic defects and heart remodeling in mice. EMBO Journal, 2018, 37, . | 3.5 | 65 |
| 8 | The Long Non-coding RNA lnc-31 Interacts with Rock1 mRNA and Mediates Its YB-1-Dependent Translation. Cell Reports, 2018, 23, 733-740. | 2.9 | 55 |
| 9 | Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. Cell Reports, 2019, 27, 3818-3831.e5. | 2.9 | 51 |
| 10 | Circular RNA ZNF609/CKAP5 mRNA interaction regulates microtubule dynamics and tumorigenicity. Molecular Cell, 2022, 82, 75-89.e9. | 4.5 | 39 |
| 11 | A longitudinal study defined circulating microRNAs as reliable biomarkers for disease prognosis and progression in ALS human patients. Cell Death Discovery, 2021, 7, 4. | 2.0 | 36 |
| 12 | A Regulatory Circuitry Between Gria2, miR-409, and miR-495 Is Affected by ALS FUS Mutation in ESC-Derived Motor Neurons. Molecular Neurobiology, 2018, 55, 7635-7651. | 1.9 | 32 |
| 13 | Characterization of the lncRNA transcriptome in mESC-derived motor neurons: Implications for FUS-ALS. Stem Cell Research, 2018, 27, 172-179. | 0.3 | 27 |
| 14 | MicroRNAs from saliva of anopheline mosquitoes mimic human endogenous miRNAs and may contribute to vector-host-pathogen interactions. Scientific Reports, 2019, 9, 2955. | 1.6 | 25 |
| 15 | Intronic Determinants Coordinate <i>Charme</i> lncRNA Nuclear Activity through the Interaction with MATR3 and PTBP1. Cell Reports, 2020, 33, 108548. | 2.9 | 24 |
| 16 | Epigenetic regulation of Wnt7b expression by the cis-acting long noncoding RNA lnc-Rewind in muscle stem cells. ELife, 2021, 10, . | 2.8 | 23 |
| 17 | SMaRT lncRNA controls translation of a Gâ€“quadruplexâ€“containing mRNA antagonizing the DHX36 helicase. EMBO Reports, 2020, 21, e49942. | 2.0 | 20 |
| 18 | Proteomics analysis of FUS mutant human motoneurons reveals altered regulation of cytoskeleton and other ALS-linked proteins via 3â€“UTR binding. Scientific Reports, 2020, 10, 11827. | 1.6 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | DBATE: database of alternative transcripts expression. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat050. | 1.4 | 11 |
| 20 | Zooming in on proteinâ€“RNA interactions: a multi-level workflow to identify interaction partners. Biochemical Society Transactions, 2020, 48, 1529-1543. | 1.6 | 11 |
| 21 | Transâ€“generational epigenetic regulation associated with the amelioration of Duchenne Muscular Dystrophy. EMBO Molecular Medicine, 2020, 12, e12063. | 3.3 | 11 |
| 22 | CircVAMP3: A circRNA with a Role in Alveolar Rhabdomyosarcoma Cell Cycle Progression. Genes, 2021, 12, 985. | 1.0 | 8 |
| 23 | A multifunctional locus controls motor neuron differentiation through short and long noncoding RNAs. EMBO Journal, 2022, 41, . | 3.5 | 8 |
| 24 | Alternative splicing tends to avoid partial removals of protein-protein interaction sites. BMC Genomics, 2013, 14, 379. | 1.2 | 4 |
| 25 | MicroRNAs and other small RNAs in Aedes aegypti saliva and salivary glands following chikungunya virus infection. Scientific Reports, 2022, 12, . | 1.6 | 3 |
| 26 | Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 27 | Lnc-SMaRT Translational Regulation of Spire1, A New Player in Muscle Differentiation. Journal of Molecular Biology, 2022, 434, 167384. | 2.0 | 0 |