

Stefano Cagnin

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,494
citations

430442

18
h-index

315357

38
g-index

46
all docs

46
docs citations

46
times ranked

2726
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | SPP1 genotype is a determinant of disease severity in Duchenne muscular dystrophy. <i>Neurology</i> , 2011, 76, 219-226. | 1.5 | 194 |
| 2 | The Mitochondrial Calcium Uniporter Controls Skeletal Muscle Trophism In Vivo. <i>Cell Reports</i> , 2015, 10, 1269-1279. | 2.9 | 170 |
| 3 | Involvement of MicroRNAs in the Regulation of Muscle Wasting during Catabolic Conditions. <i>Journal of Biological Chemistry</i> , 2014, 289, 21909-21925. | 1.6 | 129 |
| 4 | Overview of Electrochemical DNA Biosensors: New Approaches to Detect the Expression of Life. <i>Sensors</i> , 2009, 9, 3122-3148. | 2.1 | 119 |
| 5 | Parallel protein and transcript profiles of FSHD patient muscles correlate to the D4Z4 arrangement and reveal a common impairment of slow to fast fibre differentiation and a general deregulation of MyoD-dependent genes. <i>Proteomics</i> , 2006, 6, 5303-5321. | 1.3 | 105 |
| 6 | Reconstruction and functional analysis of altered molecular pathways in human atherosclerotic arteries. <i>BMC Genomics</i> , 2009, 10, 13. | 1.2 | 80 |
| 7 | Decellularized Allogeneic Heart Valves Demonstrate Self-Regeneration Potential after a Long-Term Preclinical Evaluation. <i>PLoS ONE</i> , 2014, 9, e99593. | 1.1 | 71 |
| 8 | Single cell analysis reveals the involvement of the long non-coding RNA Pvt1 in the modulation of muscle atrophy and mitochondrial network. <i>Nucleic Acids Research</i> , 2019, 47, 1653-1670. | 6.5 | 63 |
| 9 | lncRNAs as Novel Indicators of Patients' Prognosis in Stage I Epithelial Ovarian Cancer: A Retrospective and Multicentric Study. <i>Clinical Cancer Research</i> , 2017, 23, 2356-2366. | 3.2 | 57 |
| 10 | Meta-analysis of expression signatures of muscle atrophy: gene interaction networks in early and late stages. <i>BMC Genomics</i> , 2008, 9, 630. | 1.2 | 55 |
| 11 | Transcriptomic Analysis of Single Isolated Myofibers Identifies miR-27a-3p and miR-142-3p as Regulators of Metabolism in Skeletal Muscle. <i>Cell Reports</i> , 2019, 26, 3784-3797.e8. | 2.9 | 55 |
| 12 | <i>Helicobacter pylori</i> Affects the Antigen Presentation Activity of Macrophages Modulating the Expression of the Immune Receptor CD300E through miR-4270. <i>Frontiers in Immunology</i> , 2017, 8, 1288. | 2.2 | 45 |
| 13 | A Single Cell but Many Different Transcripts: A Journey into the World of Long Non-Coding RNAs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 302. | 1.8 | 45 |
| 14 | New miRNA labeling method for bead-based quantification. <i>BMC Molecular Biology</i> , 2010, 11, 44. | 3.0 | 28 |
| 15 | A fully electronic sensor for the measurement of cDNA hybridization kinetics. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2108-2114. | 5.3 | 25 |
| 16 | Tissue-Specific Expression and Regulatory Networks of Pig MicroRNAome. <i>PLoS ONE</i> , 2014, 9, e89755. | 1.1 | 22 |
| 17 | <i>Helicobacter pylori</i> Dampens HLA-II Expression on Macrophages via the Up-Regulation of miRNAs Targeting CIITA. <i>Frontiers in Immunology</i> , 2019, 10, 2923. | 2.2 | 22 |
| 18 | Overview of Micro- and Nano-Technology Tools for Stem Cell Applications: Micropatterned and Microelectronic Devices. <i>Sensors</i> , 2012, 12, 15947-15982. | 2.1 | 21 |

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|----|---|-----|-----------|
| 19 | Partial <i>F8</i> gene duplication (factor VIII Padua) associated with high factor VIII levels and familial thrombophilia. <i>Blood</i> , 2021, 137, 2383-2393. | 0.6 | 20 |
| 20 | The immune receptor CD300e negatively regulates T cell activation by impairing the STAT1-dependent antigen presentation. <i>Scientific Reports</i> , 2020, 10, 16501. | 1.6 | 16 |
| 21 | SPP1 genotype is a determinant of disease severity in Duchenne muscular dystrophy. <i>Neurology</i> , 2011, 77, 1858-1859. | 1.5 | 15 |
| 22 | timeClip: pathway analysis for time course data without replicates. <i>BMC Bioinformatics</i> , 2014, 15, S3. | 1.2 | 15 |
| 23 | Gene expression changes of single skeletal muscle fibers in response to modulation of the mitochondrial calcium uniporter (MCU). <i>Genomics Data</i> , 2015, 5, 64-67. | 1.3 | 15 |
| 24 | Altered Gene Transcription in Human Cells Treated with Ludox [®] Silica Nanoparticles. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8867-8890. | 1.2 | 12 |
| 25 | SAMHD1-deficient fibroblasts from Aicardi-Goutières Syndrome patients can escape senescence and accumulate mutations. <i>FASEB Journal</i> , 2020, 34, 631-647. | 0.2 | 12 |
| 26 | The Prion Protein Regulates Synaptic Transmission by Controlling the Expression of Proteins Key to Synaptic Vesicle Recycling and Exocytosis. <i>Molecular Neurobiology</i> , 2019, 56, 3420-3436. | 1.9 | 9 |
| 27 | Perturbations of the Proteome and of Secreted Metabolites in Primary Astrocytes from the hSOD1(G93A) ALS Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7028. | 1.8 | 9 |
| 28 | Insights into how environment shapes post-mortem RNA transcription in mouse brain. <i>Scientific Reports</i> , 2021, 11, 13008. | 1.6 | 9 |
| 29 | Regulation of Endoplasmic Reticulum-Mitochondria Tethering and Ca ²⁺ Fluxes by TDP-43 via GSK3 ^β . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11853. | 1.8 | 9 |
| 30 | Systems Biology Approach to the Dissection of the Complexity of Regulatory Networks in the <i>S. scrofa</i> Cardiocirculatory System. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23160-23187. | 1.8 | 7 |
| 31 | Dynamic culture of droplet-confined cell arrays. <i>Biotechnology Progress</i> , 2010, 26, 220-231. | 1.3 | 6 |
| 32 | RNA-sequencing reveals that STRN, ZNF484 and WNK1 add to the value of mitochondrial MT-COI and COX10 as markers of unstable coronary artery disease. <i>PLoS ONE</i> , 2019, 14, e0225621. | 1.1 | 5 |
| 33 | Neurocognitive assessment and DNA sequencing expand the phenotype and genotype spectrum of Alström syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 732-742. | 0.7 | 5 |
| 34 | Expression and Functional Analyses of <i>Nymphaea caerulea</i> MADS-Box Genes Contribute to Clarify the Complex Flower Patterning of Water Lilies. <i>Frontiers in Plant Science</i> , 2021, 12, 730270. | 1.7 | 5 |
| 35 | The Interplay of Microtubules with Mitochondria-ER Contact Sites (MERCs) in Glioblastoma. <i>Biomolecules</i> , 2022, 12, 567. | 1.8 | 5 |
| 36 | Statistical Test of Expression Pattern (STEPath): a new strategy to integrate gene expression data with genomic information in individual and meta-analysis studies. <i>BMC Bioinformatics</i> , 2011, 12, 92. | 1.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | MyoData: An expression knowledgebase at single cell/nucleus level for the discovery of coding-noncoding RNA functional interactions in skeletal muscle. Computational and Structural Biotechnology Journal, 2021, 19, 4142-4155. | 1.9 | 4 |
| 38 | Isolation and Transcriptomic Profiling of Single Myofibers from Mice. Bio-protocol, 2019, 9, e3378. | 0.2 | 3 |
| 39 | Genes and response to aerobic training. , 2019, , 169-188. | | 2 |
| 40 | Single-Cell RNAseq Analysis of lncRNAs. Methods in Molecular Biology, 2021, 2348, 71-90. | 0.4 | 1 |
| 41 | P2.01-021 miRNA Deep Sequencing of Early-Stage Lung Cancer Patients to Evaluate the Dynamic Change of Circulating Biomarkers in Response to Surgery. Journal of Thoracic Oncology, 2017, 12, S796-S797. | 0.5 | 0 |
| 42 | Single-Cell Transcriptomics and Proteomics of Skeletal Muscle: Technology and Applications. , 2019, , 253-281. | | 0 |