

# Francesco Nicassio

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,386  
citations

279798

23  
h-index

302126

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

4512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and pan-cancer analysis of mammalian transcripts involved in target directed miRNA degradation. <i>Nucleic Acids Research</i> , 2022, 50, 2019-2035.	14.5	16
2	Nanopore ReCappable sequencing maps SARS-CoV-2 5' capping sites and provides new insights into the structure of sgRNAs. <i>Nucleic Acids Research</i> , 2022, 50, 3475-3489.	14.5	12
3	A multifunctional locus controls motor neuron differentiation through short and long noncoding RNAs. <i>EMBO Journal</i> , 2022, 41, .	7.8	8
4	microRNAs transcriptional profiling of mammary stem cells isolated by PKH26 staining and FACS sorting. <i>Methods in Cell Biology</i> , 2022, , 59-79.	1.1	0
5	miR-146 connects stem cell identity with metabolism and pharmacological resistance in breast cancer. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	8
6	Microglia-specific overexpression of $\alpha$ -synuclein leads to severe dopaminergic neurodegeneration by phagocytic exhaustion and oxidative toxicity. <i>Nature Communications</i> , 2021, 12, 6237.	12.8	74
7	Frataxin gene editing rescues Friedreich's ataxia pathology in dorsal root ganglia organoid-derived sensory neurons. <i>Nature Communications</i> , 2020, 11, 4178.	12.8	42
8	Dual role for miR-34a in the control of early progenitor proliferation and commitment in the mammary gland and in breast cancer. <i>Oncogene</i> , 2019, 38, 360-374.	5.9	39
9	Mir-135a-5p Is Critical for Exercise-Induced Adult Neurogenesis. <i>Stem Cell Reports</i> , 2019, 12, 1298-1312.	4.8	37
10	Delivery of biologically active miR-34a in normal and cancer mammary epithelial cells by synthetic nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 19, 95-105.	3.3	19
11	LncRNA EPR controls epithelial proliferation by coordinating Cdkn1a transcription and mRNA decay response to TGF- $\beta$ 2. <i>Nature Communications</i> , 2019, 10, 1969.	12.8	68
12	p53 Loss in Breast Cancer Leads to Myc Activation, Increased Cell Plasticity, and Expression of a Mitotic Signature with Prognostic Value. <i>Cell Reports</i> , 2019, 26, 624-638.e8.	6.4	47
13	Insc:LGN tetramers promote asymmetric divisions of mammary stem cells. <i>Nature Communications</i> , 2018, 9, 1025.	12.8	27
14	Microenvironment Stimuli HGF and Hypoxia Differently Affected miR-125b and Ets-1 Function with Opposite Effects on the Invasiveness of Bone Metastatic Cells: A Comparison with Breast Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 258.	4.1	5
15	Uncovering the Stability of Mature miRNAs by 4-Thio-Uridine Metabolic Labeling. <i>Methods in Molecular Biology</i> , 2018, 1823, 141-152.	0.9	4
16	Endogenous transcripts control miRNA levels and activity in mammalian cells by target-directed miRNA degradation. <i>Nature Communications</i> , 2018, 9, 3119.	12.8	121
17	MicroRNA-independent functions of DGCR8 are essential for neocortical development and TBR1 expression. <i>EMBO Reports</i> , 2017, 18, 603-618.	4.5	47
18	Synergic Functions of miRNAs Determine Neuronal Fate of Adult Neural Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 1046-1061.	4.8	49

#	ARTICLE	IF	CITATIONS
19	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. <i>Clinical Chemistry</i> , 2016, 62, 743-754.	3.2	53
20	Degradation dynamics of microRNAs revealed by a novel pulse-chase approach. <i>Genome Research</i> , 2016, 26, 554-565.	5.5	155
21	MicroRNAs in Cancer Management: Big Challenges for Small Molecules. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	17
22	Mining cancer gene expression databases for latent information on intronic microRNAs. <i>Molecular Oncology</i> , 2015, 9, 473-487.	4.6	6
23	The role of non-coding RNAs in the regulation of stem cells and progenitors in the normal mammary gland and in breast tumors. <i>Frontiers in Genetics</i> , 2015, 6, 72.	2.3	44
24	miR-Test: A Blood Test for Lung Cancer Early Detection. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv063.	6.3	221
25	IsomiRage: From Functional Classification to Differential Expression of miRNA Isoforms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 38.	4.1	61
26	DEPDC1B Coordinates De-adhesion Events and Cell-Cycle Progression at Mitosis. <i>Developmental Cell</i> , 2014, 31, 420-433.	7.0	76
27	Parent-of-origin genetic background affects the transcriptional levels of circadian and neuronal plasticity genes following sleep loss. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20120471.	4.0	21
28	Recessive Cancer Genes Engage in Negative Genetic Interactions with Their Functional Paralogs. <i>Cell Reports</i> , 2013, 5, 1519-1526.	6.4	19
29	Differentiation-associated microRNAs antagonize the Rb-E2F pathway to restrict proliferation. <i>Journal of Cell Biology</i> , 2012, 199, 77-95.	5.2	39
30	A serum circulating miRNA diagnostic test to identify asymptomatic high-risk individuals with early stage lung cancer. <i>EMBO Molecular Medicine</i> , 2011, 3, 495-503.	6.9	322
31	In silico prediction and experimental validation of natural antisense transcripts in two cancer-associated regions of human chromosome 6. <i>International Journal of Oncology</i> , 2009, 34, 1099-108.	3.3	4
32	The many faces of ubiquitinated histone H2A: insights from the DUBs. <i>Cell Division</i> , 2008, 3, 8.	2.4	68
33	Unbiased vs. biased approaches to the identification of cancer signatures: the case of lung cancer. <i>Cell Cycle</i> , 2008, 7, 729-734.	2.6	13
34	Human USP3 Is a Chromatin Modifier Required for S Phase Progression and Genome Stability. <i>Current Biology</i> , 2007, 17, 1972-1977.	3.9	251
35	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. <i>Journal of Clinical Investigation</i> , 2007, 117, 3436-3444.	8.2	103
36	A cancer-specific transcriptional signature in human neoplasia. <i>Journal of Clinical Investigation</i> , 2005, 115, 3015-3025.	8.2	14

#	ARTICLE	IF	CITATIONS
37	Np95 Is a Histone-Binding Protein Endowed with Ubiquitin Ligase Activity. <i>Molecular and Cellular Biology</i> , 2004, 24, 2526-2535.	2.3	174
38	Np95 is regulated by E1A during mitotic reactivation of terminally differentiated cells and is essential for S phase entry. <i>Journal of Cell Biology</i> , 2002, 157, 909-914.	5.2	86