Francesco Nicassio

List of Publications by Year in Descending Order

36 papers	1,753 citations	20 h-index	41 g-index
43 ext. papers	2,126 ext. citations	9.1 avg, IF	4.26 L-index

#	Paper	IF	Citations
36	Nanopore ReCappable sequencing maps SARS-CoV-2 5ccapping sites and provides new insights into the structure of sgRNAs.. *Nucleic Acids Research*, **2022**,	20.1	2
35	microRNAs transcriptional profiling of mammary stem cells isolated by PKH26 staining and FACS sorting. *Methods in Cell Biology*, **2022**, 59-79	1.8	
34	Microglia-specific overexpression of □synuclein leads to severe dopaminergic neurodegeneration by phagocytic exhaustion and oxidative toxicity. *Nature Communications*, **2021**, 12, 6237	17.4	10
33	miR-146 connects stem cell identity with metabolism and pharmacological resistance in breast cancer. *Journal of Cell Biology*, **2021**, 220,	7.3	3
32	Frataxin gene editing rescues Friedreich□s ataxia pathology in dorsal root ganglia organoid-derived sensory neurons. *Nature Communications*, **2020**, 11, 4178	17.4	13
31	MiR-135a-5p Is Critical for Exercise-Induced Adult Neurogenesis. *Stem Cell Reports*, **2019**, 12, 1298-1312	8	22
30	Delivery of biologically active miR-34a in normal and cancer mammary epithelial cells by synthetic nanoparticles. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2019**, 19, 95-105	6	8
29	LncRNA EPR controls epithelial proliferation by coordinating Cdkn1a transcription and mRNA decay response to TGF-□*Nature Communications*, **2019**, 10, 1969	17.4	41
28	Dual role for miR-34a in the control of early progenitor proliferation and commitment in the mammary gland and in breast cancer. *Oncogene*, **2019**, 38, 360-374	9.2	28
27	p53 Loss in Breast Cancer Leads to Myc Activation, Increased Cell Plasticity, and Expression of a Mitotic Signature with Prognostic Value. *Cell Reports*, **2019**, 26, 624-638.e8	10.6	29
26	Insc:LGN tetramers promote asymmetric divisions of mammary stem cells. *Nature Communications*, **2018**, 9, 1025	17.4	19
25	Uncovering the Stability of Mature miRNAs by 4-Thio-Uridine Metabolic Labeling. *Methods in Molecular Biology*, **2018**, 1823, 141-152	1.4	3
24	Endogenous transcripts control miRNA levels and activity in mammalian cells by target-directed miRNA degradation. *Nature Communications*, **2018**, 9, 3119	17.4	65
23	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. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	5
22	MicroRNA-independent functions of DGCR8 are essential for neocortical development and TBR1 expression. *EMBO Reports*, **2017**, 18, 603-618	6.5	32
21	Synergic Functions of miRNAs Determine Neuronal Fate of Adult Neural Stem Cells. *Stem Cell Reports*, **2017**, 8, 1046-1061	8	35
20	Degradation dynamics of microRNAs revealed by a novel pulse-chase approach. *Genome Research*, **2016**, 26, 554-65	9.7	98

19	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. *Clinical Chemistry*, **2016**, 62, 743-54	5.5	41
18	The role of non-coding RNAs in the regulation of stem cells and progenitors in the normal mammary gland and in breast tumors. *Frontiers in Genetics*, **2015**, 6, 72	4.5	37
17	miR-Test: a blood test for lung cancer early detection. *Journal of the National Cancer Institute*, **2015**, 107, djv063	9.7	166
16	Mining cancer gene expression databases for latent information on intronic microRNAs. *Molecular Oncology*, **2015**, 9, 473-87	7.9	4
15	IsomiRage: From Functional Classification to Differential Expression of miRNA Isoforms. *Frontiers in Bioengineering and Biotechnology*, **2014**, 2, 38	5.8	50
14	DEPDC1B coordinates de-adhesion events and cell-cycle progression at mitosis. *Developmental Cell*, **2014**, 31, 420-33	10.2	52
13	Parent-of-origin genetic background affects the transcriptional levels of circadian and neuronal plasticity genes following sleep loss. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369, 20120471	5.8	18
12	Recessive cancer genes engage in negative genetic interactions with their functional paralogs. *Cell Reports*, **2013**, 5, 1519-26	10.6	14
11	Differentiation-associated microRNAs antagonize the Rb-E2F pathway to restrict proliferation. *Journal of Cell Biology*, **2012**, 199, 77-95	7.3	36
10	A serum circulating miRNA diagnostic test to identify asymptomatic high-risk individuals with early stage lung cancer. *EMBO Molecular Medicine*, **2011**, 3, 495-503	12	281
9	In silico prediction and experimental validation of natural antisense transcripts in two cancer-associated regions of human chromosome 6. *International Journal of Oncology*, **2009**, 34, 1099-108	3	4
8	Unbiased vs. biased approaches to the identification of cancer signatures: the case of lung cancer. *Cell Cycle*, **2008**, 7, 729-34	4.7	11
7	The many faces of ubiquitinated histone H2A: insights from the DUBs. *Cell Division*, **2008**, 3, 8	2.8	54
6	Human USP3 is a chromatin modifier required for S phase progression and genome stability. *Current Biology*, **2007**, 17, 1972-7	6.3	220
5	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. *Journal of Clinical Investigation*, **2007**, 117, 3436-44	15.9	94
4	A cancer-specific transcriptional signature in human neoplasia. *Journal of Clinical Investigation*, **2005**, 115, 3015-25	15.9	13
3	Np95 is a histone-binding protein endowed with ubiquitin ligase activity. *Molecular and Cellular Biology*, **2004**, 24, 2526-35	4.8	154
2	Np95 is regulated by E1A during mitotic reactivation of terminally differentiated cells and is essential for S phase entry. *Journal of Cell Biology*, **2002**, 157, 909-14	7.3	79

PRMT1-mediated methylation of the Large Drosha Complex regulates microRNA biogenesis