

Francesco Nicassio

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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	12	281
35	Human USP3 is a chromatin modifier required for S phase progression and genome stability. <i>Current Biology</i> , 2007 , 17, 1972-7	6.3	220
34	miR-Test: a blood test for lung cancer early detection. <i>Journal of the National Cancer Institute</i> , 2015 , 107, djv063	9.7	166
33	Np95 is a histone-binding protein endowed with ubiquitin ligase activity. <i>Molecular and Cellular Biology</i> , 2004 , 24, 2526-35	4.8	154
32	Degradation dynamics of microRNAs revealed by a novel pulse-chase approach. <i>Genome Research</i> , 2016 , 26, 554-65	9.7	98
31	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3436-44	15.9	94
30	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, 909-14	7.3	79
29	Endogenous transcripts control miRNA levels and activity in mammalian cells by target-directed miRNA degradation. <i>Nature Communications</i> , 2018 , 9, 3119	17.4	65
28	The many faces of ubiquitinated histone H2A: insights from the DUBs. <i>Cell Division</i> , 2008 , 3, 8	2.8	54
27	DEPDC1B coordinates de-adhesion events and cell-cycle progression at mitosis. <i>Developmental Cell</i> , 2014 , 31, 420-33	10.2	52
26	IsomiRage: From Functional Classification to Differential Expression of miRNA Isoforms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014 , 2, 38	5.8	50
25	LncRNA EPR controls epithelial proliferation by coordinating Cdkn1a transcription and mRNA decay response to TGF- β . <i>Nature Communications</i> , 2019 , 10, 1969	17.4	41
24	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. <i>Clinical Chemistry</i> , 2016 , 62, 743-54	5.5	41
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	4.5	37
22	Differentiation-associated microRNAs antagonize the Rb-E2F pathway to restrict proliferation. <i>Journal of Cell Biology</i> , 2012 , 199, 77-95	7.3	36
21	Synergic Functions of miRNAs Determine Neuronal Fate of Adult Neural Stem Cells. <i>Stem Cell Reports</i> , 2017 , 8, 1046-1061	8	35
20	MicroRNA-independent functions of DGCR8 are essential for neocortical development and TBR1 expression. <i>EMBO Reports</i> , 2017 , 18, 603-618	6.5	32

19	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	10.6	29
18	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	9.2	28
17	MIR-135a-5p Is Critical for Exercise-Induced Adult Neurogenesis. <i>Stem Cell Reports</i> , 2019 , 12, 1298-1312	8	22
16	Insc:LGN tetramers promote asymmetric divisions of mammary stem cells. <i>Nature Communications</i> , 2018 , 9, 1025	17.4	19
15	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	5.8	18
14	Recessive cancer genes engage in negative genetic interactions with their functional paralogs. <i>Cell Reports</i> , 2013 , 5, 1519-26	10.6	14
13	A cancer-specific transcriptional signature in human neoplasia. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3015-25	15.9	13
12	Frataxin gene editing rescues Friedreich's ataxia pathology in dorsal root ganglia organoid-derived sensory neurons. <i>Nature Communications</i> , 2020 , 11, 4178	17.4	13
11	Unbiased vs. biased approaches to the identification of cancer signatures: the case of lung cancer. <i>Cell Cycle</i> , 2008 , 7, 729-34	4.7	11
10	Microglia-specific overexpression of β -synuclein leads to severe dopaminergic neurodegeneration by phagocytic exhaustion and oxidative toxicity. <i>Nature Communications</i> , 2021 , 12, 6237	17.4	10
9	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	6	8
8	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,	6.3	5
7	Mining cancer gene expression databases for latent information on intronic microRNAs. <i>Molecular Oncology</i> , 2015 , 9, 473-87	7.9	4
6	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	1	4
5	Uncovering the Stability of Mature miRNAs by 4-Thio-Uridine Metabolic Labeling. <i>Methods in Molecular Biology</i> , 2018 , 1823, 141-152	1.4	3
4	miR-146 connects stem cell identity with metabolism and pharmacological resistance in breast cancer. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	3
3	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 ,	20.1	2
2	PRMT1-mediated methylation of the Large Drosha Complex regulates microRNA biogenesis		1

- 1 microRNAs transcriptional profiling of mammary stem cells isolated by PKH26 staining and FACS sorting. *Methods in Cell Biology*, **2022**, 59-79 1.8