Giovanni Nigita

List of Publications by Year
in descending order

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54 papers	1,685 citations	279798 23 h-index	289244 40 g-index
60 all docs	60 docs citations	60 times ranked	2762 citing authors

#	Article	IF	Citations
1	tsRNA signatures in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8071-8076.	7.1	202
2	Dysregulation of a family of short noncoding RNAs, tsRNAs, in human cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5071-5076.	7.1	183
3	miRandola: Extracellular Circulating MicroRNAs Database. PLoS ONE, 2012, 7, e47786.	2.5	142
4	Circulating miR-106b-3p, miR-101-3p and miR-1246 as diagnostic biomarkers of hepatocellular carcinoma. Oncotarget, 2018, 9, 15350-15364.	1.8	79
5	Noncoding RNA: Current Deep Sequencing Data Analysis Approaches and Challenges. Human Mutation, 2016, 37, 1283-1298.	2.5	74
6	Computational Approaches for the Analysis of ncRNA through Deep Sequencing Techniques. Frontiers in Bioengineering and Biotechnology, 2015, 3, 77.	4.1	66
7	miRandola 2017: a curated knowledge base of non-invasive biomarkers. Nucleic Acids Research, 2018, 46, D354-D359.	14.5	61
8	The MicroRNA Family Gets Wider: The IsomiRs Classification and Role. Frontiers in Cell and Developmental Biology, 2021, 9, 668648.	3.7	52
9	A-to-I RNA Editing: Current Knowledge Sources and Computational Approaches with Special Emphasis on Non-Coding RNA Molecules. Frontiers in Bioengineering and Biotechnology, 2015, 3, 37.	4.1	47
10	Reprogramming miRNAs global expression orchestrates development of drug resistance in BRAF mutated melanoma. Cell Death and Differentiation, 2019, 26, 1267-1282.	11.2	47
11	microRNA editing in seed region aligns with cellular changes in hypoxic conditions. Nucleic Acids Research, 2016, 44, 6298-6308.	14.5	41
12	RNA Methylation in ncRNA: Classes, Detection, and Molecular Associations. Frontiers in Genetics, 2018, 9, 243.	2.3	40
13	Knockout of both miR-15/16 loci induces acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13069-13074.	7.1	39
14	Selective targeting of point-mutated KRAS through artificial microRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4203-E4212.	7.1	38
15	Tissue and exosomal miRNA editing in Non-Small Cell Lung Cancer. Scientific Reports, 2018, 8, 10222.	3.3	38
16	MAPK15 upregulation promotes cell proliferation and prevents DNA damage in male germ cell tumors. Oncotarget, 2016, 7, 20981-20998.	1.8	37
17	Identification of tRNA-derived ncRNAs in TCGA and NCI-60 panel cell lines and development of the public database tRFexplorer. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	36
18	The TLR7/8/9 Antagonist IMO-8503 Inhibits Cancer-Induced Cachexia. Cancer Research, 2018, 78, 6680-6690.	0.9	33

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19	WWOX Inhibits Metastasis of Triple-Negative Breast Cancer Cells via Modulation of miRNAs. Cancer Research, 2019, 79, 1784-1798.	0.9	30
20	MicroRNA fingerprints in juvenile myelomonocytic leukemia (JMML) identified miR-150-5p as a tumor suppressor and potential target for treatment. Oncotarget, 2016, 7, 55395-55408.	1.8	30
21	miR-EdiTar: a database of predicted A-to-I edited miRNA target sites. Bioinformatics, 2012, 28, 3166-3168.	4.1	28
22	Combined loss of function of two different loci of miR-15/16 drives the pathogenesis of acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12332-12340.	7.1	28
23	Circulating Micrornas Predict Survival of Patients with Tumors of Glial Origin. EBioMedicine, 2018, 30, 105-112.	6.1	27
24	Pleiotropic tumor suppressor functions of WWOX antagonize metastasis. Signal Transduction and Targeted Therapy, 2020, 5, 43.	17.1	27
25	miR-125a and miR-34a expression predicts Richter syndrome in chronic lymphocytic leukemia patients. Blood, 2018, 132, 2179-2182.	1.4	25
26	Exosomal miRNA signatures of pancreatic lesions. BMC Gastroenterology, 2020, 20, 137.	2.0	25
27	Investigating miRNAâ€“lncRNA Interactions: Computational Tools and Resources. Methods in Molecular Biology, 2019, 1970, 251-277.	0.9	22
28	ncRNA Editing: Functional Characterization and Computational Resources. Methods in Molecular Biology, 2019, 1912, 133-174.	0.9	20
29	MiREDiBase, a manually curated database of validated and putative editing events in microRNAs. Scientific Data, 2021, 8, 199.	5.3	18
30	Knowledge in the Investigation of A-to-I RNA Editing Signals. Frontiers in Bioengineering and Biotechnology, 2015, 3, 18.	4.1	17
31	Detecting and Characterizing A-To-I microRNA Editing in Cancer. Cancers, 2021, 13, 1699.	3.7	17
32	Non-Coding RNA Editing in Cancer Pathogenesis. Cancers, 2020, 12, 1845.	3.7	16
33	MicroRNAs in Skeletal Muscle and Hints on Their Potential Role in Muscle Wasting During Cancer Cachexia. Frontiers in Oncology, 2020, 10, 607196.	2.8	15
34	isoTar: Consensus Target Prediction with Enrichment Analysis for MicroRNAs Harboring Editing Sites and Other Variations. Methods in Molecular Biology, 2019, 1970, 211-235.	0.9	13
35	VIRGO: visualization of A-to-I RNA editing sites in genomic sequences. BMC Bioinformatics, 2013, 14, S5.	2.6	10
36	Prognostic and Biologic Significance of Transfer RNA-Derived Small RNAs (tsRNAs) Expression in Younger Adult Patients (Pts) with Cytogenetically Normal Acute Myeloid Leukemia (CN-AML). Blood, 2018, 132, 89-89.	1.4	9

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37	MiR-124a Regulates Extracellular Vesicle Release by Targeting GTPase Rabs in Lung Cancer. Frontiers in Oncology, 2020, 10, 1454.	2.8	8
38	LEDGF/p75-mediated chemoresistance of mixed-lineage leukemia involves cell survival pathways and super enhancer activators. Cancer Gene Therapy, 2022, 29, 133-140.	4.6	7
39	Editorial: Epitranscriptomics: The Novel RNA Frontier. Frontiers in Bioengineering and Biotechnology, 2018, 6, 191.	4.1	6
40	Loss of expression of both miR-15/16 loci in CML transition to blast crisis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	6
41	Synergistic apoptotic effect of miR-183-5p and Polo-Like kinase 1 inhibitor NMS-P937 in breast cancer cells. Cell Death and Differentiation, 2022, 29, 407-419.	11.2	5
42	Disparities in Lung Cancer: miRNA Isoform Characterization in Lung Adenocarcinoma. Cancers, 2022, 14, 773.	3.7	4
43	A large fraction of trisomy 12, 17p ^{â˜} , and 11q ^{â˜} CLL cases carry unidentified microdeletions of miR-15a/16-1. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
44	Immunotherapy Bridge 2016 and Melanoma Bridge 2016: meeting abstracts. Journal of Translational Medicine, 2017, 15, .	4.4	1
45	Microrna-150 Regulates STAT5b Levels in Juvenile Myelomonocytic Leukemia (JMML). Blood, 2015, 126, 2851-2851.	1.4	1
46	Transcriptomic analysis of collecting duct carcinoma of the kidney. Annals of Oncology, 2016, 27, vi274.	1.2	0
47	Abstract 474: Extracellular vesicle - MDM2 as liquid biopsy biomarker for disease identification in retroperitoneal liposarcoma. , 2021, , .		0
48	An integrated system for mining relations among microRNAs, drugs and phenotypes. EMBnet Journal, 2012, 18, 75.	0.6	0
49	Abstract C17: Role of miR-135b in gemcitabine sensitivity for metastatic breast cancer patients. , 2015, , .		0
50	Gene-expression profiling of collecting duct carcinoma of the kidney.. Journal of Clinical Oncology, 2016, 34, 540-540.	1.6	0
51	Abstract LB-166: miRNA editing in seed region is in synergy with cellular changes in hypoxic conditions. , 2016, , .		0
52	Role of Ts-RNAs in CLL. Blood, 2016, 128, 2016-2016.	1.4	0
53	Abstract 473: miR-135b mediates gemcitabine sensitivity in breast cancer cells by modulating epithelial-to-mesenchymal transition and mTOR-signaling. , 2018, , .		0
54	Abstract 2543: Concurrent profiling of canonical and modified miRNAomes from TCGA and TARGET cohorts leads to enhanced resolution in cancer. , 2020, , .		0