

Giovanni Nigita

List of Publications by Year in descending order

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Version: 2024-02-01

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	LEDGF/p75-mediated chemoresistance of mixed-lineage leukemia involves cell survival pathways and super enhancer activators. <i>Cancer Gene Therapy</i> , 2022, 29, 133-140.	4.6	7
2	Synergistic apoptotic effect of miR-183-5p and Polo-Like kinase 1 inhibitor NMS-P937 in breast cancer cells. <i>Cell Death and Differentiation</i> , 2022, 29, 407-419.	11.2	5
3	A large fraction of trisomy 12, 17p ⁺ , and 11q ⁺ CLL cases carry unidentified microdeletions of <i>miR-15a/16-1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	3
4	Disparities in Lung Cancer: miRNA Isoform Characterization in Lung Adenocarcinoma. <i>Cancers</i> , 2022, 14, 773.	3.7	4
5	Loss of expression of both miR-15/16 loci in CML transition to blast crisis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
6	Detecting and Characterizing A-To-I microRNA Editing in Cancer. <i>Cancers</i> , 2021, 13, 1699.	3.7	17
7	The MicroRNA Family Gets Wider: The IsomiRs Classification and Role. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668648.	3.7	52
8	Abstract 474: Extracellular vesicle - MDM2 as liquid biopsy biomarker for disease identification in retroperitoneal liposarcoma. , 2021, , .		0
9	MiREDiBase, a manually curated database of validated and putative editing events in microRNAs. <i>Scientific Data</i> , 2021, 8, 199.	5.3	18
10	Non-Coding RNA Editing in Cancer Pathogenesis. <i>Cancers</i> , 2020, 12, 1845.	3.7	16
11	MicroRNAs in Skeletal Muscle and Hints on Their Potential Role in Muscle Wasting During Cancer Cachexia. <i>Frontiers in Oncology</i> , 2020, 10, 607196.	2.8	15
12	MiR-124a Regulates Extracellular Vesicle Release by Targeting GTPase Rabs in Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1454.	2.8	8
13	Combined loss of function of two different loci of miR-15/16 drives the pathogenesis of acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12332-12340.	7.1	28
14	Exosomal miRNA signatures of pancreatic lesions. <i>BMC Gastroenterology</i> , 2020, 20, 137.	2.0	25
15	Pleiotropic tumor suppressor functions of WWOX antagonize metastasis. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 43.	17.1	27
16	Abstract 2543: Concurrent profiling of canonical and modified miRNAs from TCGA and TARGET cohorts leads to enhanced resolution in cancer. , 2020, , .		0
17	isoTar: Consensus Target Prediction with Enrichment Analysis for MicroRNAs Harboring Editing Sites and Other Variations. <i>Methods in Molecular Biology</i> , 2019, 1970, 211-235.	0.9	13
18	Investigating miRNA-lncRNA Interactions: Computational Tools and Resources. <i>Methods in Molecular Biology</i> , 2019, 1970, 251-277.	0.9	22

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19	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
20	WVOX Inhibits Metastasis of Triple-Negative Breast Cancer Cells via Modulation of miRNAs. Cancer Research, 2019, 79, 1784-1798.	0.9	30
21	ncRNA Editing: Functional Characterization and Computational Resources. Methods in Molecular Biology, 2019, 1912, 133-174.	0.9	20
22	Reprogramming miRNAs global expression orchestrates development of drug resistance in BRAF mutated melanoma. Cell Death and Differentiation, 2019, 26, 1267-1282.	11.2	47
23	Circulating Micrornas Predict Survival of Patients with Tumors of Glial Origin. EBioMedicine, 2018, 30, 105-112.	6.1	27
24	miRandola 2017: a curated knowledge base of non-invasive biomarkers. Nucleic Acids Research, 2018, 46, D354-D359.	14.5	61
25	Editorial: Epitranscriptomics: The Novel RNA Frontier. Frontiers in Bioengineering and Biotechnology, 2018, 6, 191.	4.1	6
26	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
27	miR-125a and miR-34a expression predicts Richter syndrome in chronic lymphocytic leukemia patients. Blood, 2018, 132, 2179-2182.	1.4	25
28	Circulating miR-106b-3p, miR-101-3p and miR-1246 as diagnostic biomarkers of hepatocellular carcinoma. Oncotarget, 2018, 9, 15350-15364.	1.8	79
29	The TLR7/8/9 Antagonist IMO-8503 Inhibits Cancer-Induced Cachexia. Cancer Research, 2018, 78, 6680-6690.	0.9	33
30	Tissue and exosomal miRNA editing in Non-Small Cell Lung Cancer. Scientific Reports, 2018, 8, 10222.	3.3	38
31	RNA Methylation in ncRNA: Classes, Detection, and Molecular Associations. Frontiers in Genetics, 2018, 9, 243.	2.3	40
32	Abstract 473: miR-135b mediates gemcitabine sensitivity in breast cancer cells by modulating epithelial-to-mesenchymal transition and mTOR-signaling. , 2018, , .		0
33	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
34	Immunotherapy Bridge 2016 and Melanoma Bridge 2016: meeting abstracts. Journal of Translational Medicine, 2017, 15, .	4.4	1
35	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
36	tsRNA signatures in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8071-8076.	7.1	202

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37	Transcriptomic analysis of collecting duct carcinoma of the kidney. <i>Annals of Oncology</i> , 2016, 27, vi274.	1.2	0
38	Dysregulation of a family of short noncoding RNAs, tsRNAs, in human cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5071-5076.	7.1	183
39	Noncoding RNA: Current Deep Sequencing Data Analysis Approaches and Challenges. <i>Human Mutation</i> , 2016, 37, 1283-1298.	2.5	74
40	microRNA editing in seed region aligns with cellular changes in hypoxic conditions. <i>Nucleic Acids Research</i> , 2016, 44, 6298-6308.	14.5	41
41	MicroRNA fingerprints in juvenile myelomonocytic leukemia (JMML) identified miR-150-5p as a tumor suppressor and potential target for treatment. <i>Oncotarget</i> , 2016, 7, 55395-55408.	1.8	30
42	MAPK15 upregulation promotes cell proliferation and prevents DNA damage in male germ cell tumors. <i>Oncotarget</i> , 2016, 7, 20981-20998.	1.8	37
43	Gene-expression profiling of collecting duct carcinoma of the kidney.. <i>Journal of Clinical Oncology</i> , 2016, 34, 540-540.	1.6	0
44	Abstract LB-166: miRNA editing in seed region is in synergy with cellular changes in hypoxic conditions. , 2016, , .		0
45	Role of Ts-RNAs in CLL. <i>Blood</i> , 2016, 128, 2016-2016.	1.4	0
46	Knowledge in the Investigation of A-to-I RNA Editing Signals. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 18.	4.1	17
47	A-to-I RNA Editing: Current Knowledge Sources and Computational Approaches with Special Emphasis on Non-Coding RNA Molecules. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 37.	4.1	47
48	Computational Approaches for the Analysis of ncRNA through Deep Sequencing Techniques. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 77.	4.1	66
49	Microrna-150 Regulates STAT5b Levels in Juvenile Myelomonocytic Leukemia (JMML). <i>Blood</i> , 2015, 126, 2851-2851.	1.4	1
50	Abstract C17: Role of miR-135b in gemcitabine sensitivity for metastatic breast cancer patients. , 2015, , .		0
51	VIRGO: visualization of A-to-I RNA editing sites in genomic sequences. <i>BMC Bioinformatics</i> , 2013, 14, S5.	2.6	10
52	miR-EdiTar: a database of predicted A-to-I edited miRNA target sites. <i>Bioinformatics</i> , 2012, 28, 3166-3168.	4.1	28
53	miRandola: Extracellular Circulating MicroRNAs Database. <i>PLoS ONE</i> , 2012, 7, e47786.	2.5	142
54	An integrated system for mining relations among microRNAs, drugs and phenotypes. <i>EMBnet Journal</i> , 2012, 18, 75.	0.6	0