

Pierluigi Gasparini

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,863
citations

159525

30
h-index

161767

54
g-index

69
all docs

69
docs citations

69
times ranked

8704
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-21 induces resistance to 5-fluorouracil by down-regulating human DNA MutS homolog 2 (hMSH2). Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21098-21103.	3.3	333
2	Reprogramming of miRNA networks in cancer and leukemia. Genome Research, 2010, 20, 589-599.	2.4	331
3	Modulation of mismatch repair and genomic stability by miR-155. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6982-6987.	3.3	306
4	MicroRNA Cluster 221-222 and Estrogen Receptor β Interactions in Breast Cancer. Journal of the National Cancer Institute, 2010, 102, 706-721.	3.0	301
5	MicroRNA-135b Promotes Cancer Progression by Acting as a Downstream Effector of Oncogenic Pathways in Colon Cancer. Cancer Cell, 2014, 25, 469-483.	7.7	267
6	Expression and functional role of a transcribed noncoding RNA with an ultraconserved element in hepatocellular carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 786-791.	3.3	207
7	miR-130a targets MET and induces TRAIL-sensitivity in NSCLC by downregulating miR-221 and 222. Oncogene, 2012, 31, 634-642.	2.6	181
8	Protective role of miR-155 in breast cancer through <i>RAD51</i> targeting impairs homologous recombination after irradiation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4536-4541.	3.3	181
9	Integrated MicroRNA and mRNA Signatures Associated with Survival in Triple Negative Breast Cancer. PLoS ONE, 2013, 8, e55910.	1.1	158
10	Exosome-Derived miR-25-3p and miR-92a-3p Stimulate Liposarcoma Progression. Cancer Research, 2017, 77, 3846-3856.	0.4	141
11	Estrogen Mediated-Activation of miR-191/425 Cluster Modulates Tumorigenicity of Breast Cancer Cells Depending on Estrogen Receptor Status. PLoS Genetics, 2013, 9, e1003311.	1.5	139
12	microRNA expression profiling identifies a four microRNA signature as a novel diagnostic and prognostic biomarker in triple negative breast cancers. Oncotarget, 2014, 5, 1174-1184.	0.8	136
13	In vivo NCL targeting affects breast cancer aggressiveness through miRNA regulation. Journal of Experimental Medicine, 2013, 210, 951-968.	4.2	121
14	Hepatitis C Virus Proteins Modulate MicroRNA Expression and Chemosensitivity in Malignant Hepatocytes. Clinical Cancer Research, 2010, 16, 957-966.	3.2	108
15	miR-15b/16-2 deletion promotes B-cell malignancies. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11636-11641.	3.3	98
16	MIR21 Drives Resistance to Heat Shock Protein 90 Inhibition in Cholangiocarcinoma. Gastroenterology, 2018, 154, 1066-1079.e5.	0.6	94
17	Androgen Receptor Status Is a Prognostic Marker in Non-Basal Triple Negative Breast Cancers and Determines Novel Therapeutic Options. PLoS ONE, 2014, 9, e88525.	1.1	79
18	microRNA classifiers are powerful diagnostic/prognostic tools in <i>ALK</i> , <i>EGFR</i> , and <i>KRAS</i> -driven lung cancers. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14924-14929.	3.3	74

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19	<p>TWIST1-Induced miR-424 Reversibly Drives Mesenchymal Programming while Inhibiting Tumor Initiation. <i>Cancer Research</i>, 2015, 75, 1908-1921.</p>	0.4	56
20	<p>Deregulation of miRNAs in malignant pleural mesothelioma is associated with prognosis and suggests an alteration of cell metabolism. <i>Scientific Reports</i>, 2017, 7, 3140.</p>	1.6	55
21	<p>Toll-like receptor 3 (TLR3) activation induces microRNA-dependent reexpression of functional RARβ and tumor regression. <i>Proceedings of the National Academy of Sciences of the United States of America</i>, 2013, 110, 9812-9817.</p>	3.3	53
22	<p>Role of Xanthine Oxidase Activation and Reduced Glutathione Depletion in Rhinovirus Induction of Inflammation in Respiratory Epithelial Cells. <i>Journal of Biological Chemistry</i>, 2008, 283, 28595-28606.</p>	1.6	50
23	<p>cMyc/miR-125b-5p Signalling Determines Sensitivity to Bortezomib in Preclinical Model of Cutaneous T-Cell Lymphomas. <i>PLoS ONE</i>, 2013, 8, e59390.</p>	1.1	46
24	<p>DAPK1 loss triggers tumor invasion in colorectal tumor cells. <i>Cell Death and Disease</i>, 2019, 10, 895.</p>	2.7	41
25	<p>Knockout of both miR-15/16 loci induces acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i>, 2018, 115, 13069-13074.</p>	3.3	39
26	<p>LONG-NONCODING RNAs in gastroesophageal cancers. <i>Non-coding RNA Research</i>, 2018, 3, 195-212.</p>	2.4	39
27	<p>Pluripotent Stem Cell miRNAs and Metastasis in Invasive Breast Cancer. <i>Journal of the National Cancer Institute</i>, 2014, 106, .</p>	3.0	37
28	<p>miR-Synth: a computational resource for the design of multi-site multi-target synthetic miRNAs. <i>Nucleic Acids Research</i>, 2014, 42, 5416-5425.</p>	6.5	36
29	<p>Transcribed ultraconserved noncoding RNAs (T-UCR) are involved in Barrett's esophagus carcinogenesis. <i>Oncotarget</i>, 2014, 5, 7162-7171.</p>	0.8	35
30	<p>The TLR7/8/9 Antagonist IMO-8503 Inhibits Cancer-Induced Cachexia. <i>Cancer Research</i>, 2018, 78, 6680-6690.</p>	0.4	33
31	<p>Reactive oxygen species in human inner ear perilymph. <i>Acta Oto-Laryngologica</i>, 2010, 130, 240-246.</p>	0.3	31
32	<p>miR-EdiTar: a database of predicted A-to-I edited miRNA target sites. <i>Bioinformatics</i>, 2012, 28, 3166-3168.</p>	1.8	28
33	<p>A Polysome-Based microRNA Screen Identifies miR-24-3p as a Novel Promigratory miRNA in Mesothelioma. <i>Cancer Research</i>, 2018, 78, 5741-5753.</p>	0.4	28
34	<p>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.</p>	3.3	28
35	<p>Correlation of Fragile Histidine Triad (Fhit) Protein Structural Features with Effector Interactions and Biological Functions. <i>Journal of Biological Chemistry</i>, 2009, 284, 1040-1049.</p>	1.6	25
36	<p>Early miR-223 Upregulation in Gastroesophageal Carcinogenesis. <i>American Journal of Clinical Pathology</i>, 2017, 147, 301-308.</p>	0.4	23

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37	LZTS1 downregulation confers paclitaxel resistance and is associated with worse prognosis in breast cancer. <i>Oncotarget</i> , 2014, 5, 970-977.	0.8	21
38	Next generation analysis of breast cancer genomes for precision medicine. <i>Cancer Letters</i> , 2013, 339, 1-7.	3.2	19
39	MiREDiBase, a manually curated database of validated and putative editing events in microRNAs. <i>Scientific Data</i> , 2021, 8, 199.	2.4	18
40	Heat shock protein 70 regulates Tcl1 expression in leukemia and lymphomas. <i>Blood</i> , 2013, 121, 351-359.	0.6	15
41	miR-224 Is Significantly Upregulated and Targets Caspase-3 and Caspase-7 During Colorectal Carcinogenesis. <i>Translational Oncology</i> , 2019, 12, 282-291.	1.7	14
42	MIR21-induced loss of junctional adhesion molecule A promotes activation of oncogenic pathways, progression and metastasis in colorectal cancer. <i>Cell Death and Differentiation</i> , 2021, 28, 2970-2982.	5.0	13
43	Mutation of TGF β 2-RII eliminates NSAID cancer chemoprevention. <i>Oncotarget</i> , 2018, 9, 12554-12561.	0.8	10
44	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, .	3.3	6
45	Phit down-regulation is an early event in pancreatic carcinogenesis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 470, 647-653.	1.4	5
46	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.	5.0	5
47	microRNA-135b promotes cancer progression acting as a downstream effector of oncogenic pathways in colon cancer. <i>Lancet, The</i> , 2013, 381, S17.	6.3	3
48	Anti-miR-135b in colon cancer treatment: Results from a preclinical study.. <i>Journal of Clinical Oncology</i> , 2012, 30, 457-457.	0.8	2
49	Use of microRNA (miR) expression profiling to identify distinct subclasses of triple-negative breast cancers (TNBC).. <i>Journal of Clinical Oncology</i> , 2012, 30, 1007-1007.	0.8	1
50	Transcribed ultraconserved regions are aberrantly expressed and can be modulated by interleukin 6 in cholangiocarcinoma. <i>Lancet, The</i> , 2013, 381, S26.	6.3	0
51	A Concurrent Canonical and Modified miRNAome Pan-Cancer Study on TCGA and TARGET Cohorts Leads to an Enhanced Resolution in Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
52	Abstract 4086: Ultraconserved non-coding RNAs are involved in human hepatocellular cancer growth. , 2010, , .		0
53	Effect of miR-21 on resistance to 5-fluorouracil and regulation of MSH2.. <i>Journal of Clinical Oncology</i> , 2011, 29, 431-431.	0.8	0
54	Abstract B14: Anti-miR-135b in colon cancer treatment. <i>Cancer Research</i> , 2012, 72, B14-B14.	0.4	0

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55	Abstract 3061: Micro-RNA signature differences in lung cancer patients withALKtranslocation,EGFRmutations andKRASmutations.. , 2013, , .		0
56	In vivo NCL targeting affects breast cancer aggressiveness through miRNA regulation. Journal of Cell Biology, 2013, 201, i4-i4.	2.3	0
57	Abstract 1122: In vivo NCL-targeting affects breast cancer aggressiveness through miRNA regulation.. , 2013, , .		0
58	Micro-RNA signature differences in lung adenocarcinoma with specific driver alterations.. Journal of Clinical Oncology, 2013, 31, 11066-11066.	0.8	0
59	Abstract P6-05-07: The effects of microRNA modulation of polo-like kinase 1 in breast cancer cell lines. , 2019, , .		0
60	Abstract 2543: Concurrent profiling of canonical and modified miRNAomes from TCGA and TARGET cohorts leads to enhanced resolution in cancer. , 2020, , .		0