Cinzia Santa Di Pietro

List of Publications by Year
in descending order

72 papers	3,682 citations	109321 35 h-index	133252 59 g-index
74 all docs	74 docs citations	74 times ranked	5739 citing authors

#	Article	IF	Citations
1	Chronic exposure to free fatty acids or high glucose induces apoptosis in rat pancreatic islets: Possible role of oxidative stress. Metabolism: Clinical and Experimental, 2002, 51, 1340-1347.	3.4	221
2	Molecular characterization ofÂexosomes and their microRNA cargo in human follicular fluid: bioinformatic analysis reveals that exosomal microRNAs control pathways involved in follicular maturation. Fertility and Sterility, 2014, 102, 1751-1761.e1.	1.0	192
3	Identification of RNA-binding proteins in exosomes capable of interacting with different types of RNA: RBP-facilitated transport of RNAs into exosomes. PLoS ONE, 2018, 13, e0195969.	2.5	185
4	LncRNA UCA1, Upregulated in CRC Biopsies and Downregulated in Serum Exosomes, Controls mRNA Expression by RNA-RNA Interactions. Molecular Therapy - Nucleic Acids, 2018, 12, 229-241.	5.1	163
5	Identification of circulating microRNAs for the differential diagnosis of Parkinson's disease and Multiple System Atrophy. Frontiers in Cellular Neuroscience, 2014, 8, 156.	3.7	150
6	CircSMARCA5 Regulates VEGFA mRNA Splicing and Angiogenesis in Glioblastoma Multiforme Through the Binding of SRSF1. Cancers, 2019, 11, 194.	3.7	146
7	SIRT1 signalling protects mouse oocytes against oxidative stress and is deregulated during aging. Human Reproduction, 2014, 29, 2006-2017.	0.9	143
8	miRNA profiling in vitreous humor, vitreal exosomes and serum from uveal melanoma patients: Pathological and diagnostic implications. Cancer Biology and Therapy, 2015, 16, 1387-1396.	3.4	140
9	CircSMARCA5 Inhibits Migration of Glioblastoma Multiforme Cells by Regulating a Molecular Axis Involving Splicing Factors SRSF1/SRSF3/PTB. International Journal of Molecular Sciences, 2018, 19, 480.	4.1	140
10	Modulating Activity of Vancomycin and Daptomycin on the Expression of Autolysis Cell-Wall Turnover and Membrane Charge Genes in hVISA and VISA Strains. PLoS ONE, 2012, 7, e29573.	2.5	107
11	Altered Transcriptional Regulation of Cytokines, Growth Factors, and Apoptotic Proteins in the Endometrium of Infertile Women with Chronic Endometritis. American Journal of Reproductive Immunology, 2013, 69, 509-517.	1.2	103
12	Dysregulated miR-671-5p / CDR1-AS / CDR1 / VSNL1 axis is involved in glioblastoma multiforme. Oncotarget, 2016, 7, 4746-4759.	1.8	103
13	Specific Alterations of MicroRNA Transcriptome and Global Network Structure in Colorectal Carcinoma after Cetuximab Treatment. Molecular Cancer Therapeutics, 2010, 9, 3396-3409.	4.1	95
14	Retinal and Circulating miRNAs in Age-Related Macular Degeneration: An In vivo Animal and Human Study. Frontiers in Pharmacology, 2017, 8, 168.	3.5	90
15	Specific alterations of the microRNA transcriptome and global network structure in colorectal cancer after treatment with MAPK/ERK inhibitors. Journal of Molecular Medicine, 2012, 90, 1421-1438.	3.9	82
16	Non-Coding RNAs in Endometrial Physiopathology. International Journal of Molecular Sciences, 2018, 19, 2120.	4.1	77
17	MicroRNAs in vitreus humor from patients with ocular diseases. Molecular Vision, 2013, 19, 430-40.	1.1	75
18	Salivary MicroRNAs: Diagnostic Markers of Mild Traumatic Brain Injury in Contact-Sport. Frontiers in Molecular Neuroscience, 2018, 11, 290.	2.9	74

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19	Non-coding landscapes of colorectal cancer. World Journal of Gastroenterology, 2015, 21, 11709.	3.3	73
20	The gene for SP-40,40, human homolog of rat sulfated glycoprotein 2, rat clusterin, and rat testosterone-repressed prostate message 2, maps to chromosome 8. Genomics, 1991, 10, 151-156.	2.9	70
21	Serum Extracellular Vesicle-Derived circHIPK3 and circSMARCA5 Are Two Novel Diagnostic Biomarkers for Glioblastoma Multiforme. Pharmaceuticals, 2021, 14, 618.	3.8	64
22	MicroRNA Signature of Traumatic Brain Injury: From the Biomarker Discovery to the Point-of-Care. Frontiers in Neurology, 2018, 9, 429.	2.4	63
23	miR-296-3p, miR-298-5p and their downstream networks are causally involved in the higher resistance of mammalian pancreatic Î± cells to cytokine-induced apoptosis as compared to Î² cells. BMC Genomics, 2013, 14, 62.	2.8	48
24	Asymmetric RNA Distribution among Cells and Their Secreted Exosomes: Biomedical Meaning and Considerations on Diagnostic Applications. Frontiers in Molecular Biosciences, 2017, 4, 66.	3.5	45
25	MicroRNAs Are Stored in Human MII Oocyte and Their Expression Profile Changes in Reproductive Aging. Biology of Reproduction, 2016, 95, 131-131.	2.7	44
26	Epigenetic dysregulation in neuroblastoma: A tale of miRNAs and DNA methylation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1502-1514.	1.9	44
27	The GAUGAA Motif Is Responsible for the Binding between circSMARCA5 and SRSF1 and Related Downstream Effects on Glioblastoma Multiforme Cell Migration and Angiogenic Potential. International Journal of Molecular Sciences, 2021, 22, 1678.	4.1	43
28	Highly skewed distribution of miRNAs and proteins between colorectal cancer cells and their exosomes following Cetuximab treatment: biomolecular, genetic and translational implications. Oncoscience, 2014, 1, 132-157.	2.2	42
29	MiRâ€27aâ€3p and miRâ€124â€3p, upregulated in endometrium and serum from women affected by Chronic Endometritis, are new potential molecular markers of endometrial receptivity. American Journal of Reproductive Immunology, 2018, 80, e12858.	1.2	41
30	Extracellular Vesicles in Human Oogenesis and Implantation. International Journal of Molecular Sciences, 2019, 20, 2162.	4.1	41
31	Molecular Crosstalking among Noncoding RNAs: A New Network Layer of Genome Regulation in Cancer. International Journal of Genomics, 2017, 2017, 1-17.	1.6	40
32	TAp73 is downregulated in oocytes from women of advanced reproductive age. Cell Cycle, 2011, 10, 3253-3256.	2.6	38
33	miRNAs Plasma Profiles in Vascular Dementia: Biomolecular Data and Biomedical Implications. Frontiers in Cellular Neuroscience, 2016, 10, 51.	3.7	38
34	MIR152, MIR200B, and MIR338, human positional and functional neuroblastoma candidates, are involved in neuroblast differentiation and apoptosis. Journal of Molecular Medicine, 2010, 88, 1041-1053.	3.9	37
35	Molecular profiling of human oocytes after vitrification strongly suggests that they are biologically comparable with freshly isolated gametes. Fertility and Sterility, 2010, 94, 2804-2807.	1.0	35
36	Circulating miRNAs profiles in tourette syndrome: molecular data and clinical implications. Molecular Brain, 2015, 8, 44.	2.6	35

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37	Peritumoral Microenvironment in High-Grade Gliomas: From FLAIRectomy to Microgliaâ€“Glioma Cross-Talk. Brain Sciences, 2021, 11, 200.	2.3	34
38	LncRNA LINC00518 Acts as an Oncogene in Uveal Melanoma by Regulating an RNA-Based Network. Cancers, 2020, 12, 3867.	3.7	34
39	Expression and Regulatory Network Analysis of miR-140-3p, a New Potential Serum Biomarker for Autism Spectrum Disorder. Frontiers in Molecular Neuroscience, 2017, 10, 250.	2.9	33
40	Non-coding RNAs in the Ovarian Follicle. Frontiers in Genetics, 2017, 8, 57.	2.3	31
41	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. RNA Biology, 2019, 16, 1237-1248.	3.1	31
42	Ovarian aging increases small extracellular vesicle CD81+ release in human follicular fluid and influences miRNA profiles. Aging, 2020, 12, 12324-12341.	3.1	29
43	Melanosynthesis, Differentiation, and Apoptosis in Kupffer Cells from Rana esculenta. Pigment Cell & Melanoma Research, 2001, 14, 126-131.	3.6	26
44	Expression profile and specific network features of the apoptotic machinery explain relapse of acute myeloid leukemia after chemotherapy. BMC Cancer, 2010, 10, 377.	2.6	26
45	miRNAs in the vitreous humor of patients affected by idiopathic epiretinal membrane and macular hole. PLoS ONE, 2017, 12, e0174297.	2.5	25
46	Potential Associations Among Alteration of Salivary miRNAs, Saliva Microbiome Structure, and Cognitive Impairments in Autistic Children. International Journal of Molecular Sciences, 2020, 21, 6203.	4.1	23
47	Genomics and transcription analysis of human TFIID. Oncogene, 1998, 16, 1633-1638.	5.9	22
48	The apoptotic transcriptome of the human MII oocyte: characterization and age-related changes. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 201-211.	4.9	21
49	The apoptotic machinery as a biological complex system: analysis of its omics and evolution, identification of candidate genes for fourteen major types of cancer, and experimental validation in CML and neuroblastoma. BMC Medical Genomics, 2009, 2, 20.	1.5	20
50	Upregulated microRNAs in membranous glomerulonephropathy are associated with significant downregulation of IL6 and MYC mRNAs. Journal of Cellular Physiology, 2019, 234, 12625-12636.	4.1	19
51	Physical Mapping at 6q27 of the Locus for the TATA Box-Binding Protein, the DNA-Binding Subunit of TFIID and a Component of SL1 and TFIIIB, Strongly Suggests That It Is Single Copy in the Human Genome. Genomics, 1994, 22, 94-100.	2.9	18
52	LINC00483 Has a Potential Tumor-Suppressor Role in Colorectal Cancer Through Multiple Molecular Axes. Frontiers in Oncology, 2020, 10, 614455.	2.8	15
53	Competing endogenous RNA network mediated by circ_3205 in SARS-CoV-2 infected cells. Cellular and Molecular Life Sciences, 2022, 79, 75.	5.4	15
54	CEBPA exerts a specific and biologically important proapoptotic role in pancreatic Î² cells through its downstream network targets. Molecular Biology of the Cell, 2014, 25, 2333-2341.	2.1	14

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55	The Spleen Pigment Cells in Some Amphibia. Pigment Cell & Melanoma Research, 2004, 17, 119-127.	3.6	13
56	VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. Genes, 2021, 12, 1004.	2.4	10
57	MicroRNA-Mediated Regulation of the Virus Cycle and Pathogenesis in the SARS-CoV-2 Disease. International Journal of Molecular Sciences, 2021, 22, 13192.	4.1	10
58	Down-regulation of long non-coding RNAs in reproductive aging and analysis of the lncRNA-miRNA-mRNA networks in human cumulus cells. Journal of Assisted Reproduction and Genetics, 2022, 39, 919-931.	2.5	9
59	Genes for human general transcription initiation factors TFIIIB, TFIIIB-associated proteins, TFIIIC2 and PTF/SNAPC: functional and positional candidates for tumour predisposition or inherited genetic diseases?. Oncogene, 2001, 20, 4877-4883.	5.9	8
60	Resveratrol Treatment Induces Mito-miRNome Modification in Follicular Fluid from Aged Women with a Poor Prognosis for In Vitro Fertilization Cycles. Antioxidants, 2022, 11, 1019.	5.1	8
61	In Vitro and In Silico Cloning of Xenopus laevis SOD2 cDNA and Its Phylogenetic Analysis. DNA and Cell Biology, 2005, 24, 111-116.	1.9	7
62	Uncharacterized RNAs in Plasma of Alzheimerâ€™s Patients Are Associated with Cognitive Impairment and Show a Potential Diagnostic Power. International Journal of Molecular Sciences, 2020, 21, 7644.	4.1	7
63	Sequence similarity is more relevant than species specificity in probabilistic backtranslation. BMC Bioinformatics, 2007, 8, 58.	2.6	6
64	Do Extracellular RNAs Provide Insight into Uveal Melanoma Biology?. Cancers, 2021, 13, 5919.	3.7	6
65	Localization of the Human Genes Encoding the Two Subunits of General Transcription Factor TFIIE. Genomics, 1994, 23, 253-255.	2.9	5
66	Genomics, Evolution, and Expression of TBPL2, a Member of the TBP Family. DNA and Cell Biology, 2007, 26, 369-385.	1.9	5
67	Involvement of GTA protein NC2Î² in Neuroblastoma pathogenesis suggests that it physiologically participates in the regulation of cell proliferation. Molecular Cancer, 2008, 7, 52.	19.2	5
68	A Novel Silicon Platform for Selective Isolation, Quantification, and Molecular Analysis of Small Extracellular Vesicles. International Journal of Nanomedicine, 2021, Volume 16, 5153-5165.	6.7	5
69	Molecular profiling of follicular fluid microRNAs in young women affected by Hodgkin lymphoma. Reproductive BioMedicine Online, 2021, 43, 1045-1056.	2.4	4
70	PARP-14 Promotes Survival of Mammalian Î± but Not Î² Pancreatic Cells Following Cytokine Treatment. Frontiers in Endocrinology, 2019, 10, 271.	3.5	3
71	Enrichment and Correlation Analysis of Serum miRNAs in Comorbidity Between Arnold-Chiari and Tourette Syndrome Contribute to Clarify Their Molecular Bases. Frontiers in Molecular Neuroscience, 2020, 13, 608355.	2.9	2
72	Gene expression and lifestyles. Fertility and Sterility, 2019, 112, 245.	1.0	1