Michele purrello

List of Publications by Year
in descending order

67 papers	3,258 citations	136950 32 h-index	155660 55 g-index
68 all docs	68 docs citations	68 times ranked	5386 citing authors

#	Article	IF	Citations
1	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
2	The Immunohistochemical Expression of the Serine and Arginine-Rich Splicing Factor 1 (SRSF1) Is a Predictive Factor of the Recurrence of Basal Cell Carcinoma: A Preliminary Study on a Series of 52 Cases. Medicina (Lithuania), 2022, 58, 139.	2.0	2
3	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
4	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
5	Peritumoral Microenvironment in High-Grade Gliomas: From FLAIRectomy to Microgliaâ€“Glioma Cross-Talk. Brain Sciences, 2021, 11, 200.	2.3	34
6	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
7	Dysregulation of miR-15a-5p, miR-497a-5p and miR-511-5p Is Associated with Modulation of BDNF and FKBP5 in Brain Areas of PTSD-Related Susceptible and Resilient Mice. International Journal of Molecular Sciences, 2021, 22, 5157.	4.1	25
8	VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. Genes, 2021, 12, 1004.	2.4	10
9	Serum Extracellular Vesicle-Derived circHIPK3 and circSMARCA5 Are Two Novel Diagnostic Biomarkers for Glioblastoma Multiforme. Pharmaceuticals, 2021, 14, 618.	3.8	64
10	Molecular profiling of follicular fluid microRNAs in young women affected by Hodgkin lymphoma. Reproductive BioMedicine Online, 2021, 43, 1045-1056.	2.4	4
11	Do Extracellular RNAs Provide Insight into Uveal Melanoma Biology?. Cancers, 2021, 13, 5919.	3.7	6
12	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
13	Specific Signatures of Serum miRNAs as Potential Biomarkers to Discriminate Clinically Similar Neurodegenerative and Vascular-Related Diseases. Cellular and Molecular Neurobiology, 2020, 40, 531-546.	3.3	99
14	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
15	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
16	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972.	3.3	7
17	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
18	LINC00483 Has a Potential Tumor-Suppressor Role in Colorectal Cancer Through Multiple Molecular Axes. Frontiers in Oncology, 2020, 10, 614455.	2.8	15

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19	Ovarian aging increases small extracellular vesicle CD81+ release in human follicular fluid and influences miRNA profiles. Aging, 2020, 12, 12324-12341.	3.1	29
20	LncRNA LINC00518 Acts as an Oncogene in Uveal Melanoma by Regulating an RNA-Based Network. Cancers, 2020, 12, 3867.	3.7	34
21	Astrocytes Modify Migration of PBMCs Induced by Î²-Amyloid in a Blood-Brain Barrier in vitro Model. Frontiers in Cellular Neuroscience, 2019, 13, 337.	3.7	15
22	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. RNA Biology, 2019, 16, 1237-1248.	3.1	31
23	PARP-14 Promotes Survival of Mammalian Î± but Not Î² Pancreatic Cells Following Cytokine Treatment. Frontiers in Endocrinology, 2019, 10, 271.	3.5	3
24	Extracellular Vesicles in Human Oogenesis and Implantation. International Journal of Molecular Sciences, 2019, 20, 2162.	4.1	41
25	CircSMARCA5 Regulates VEGFA mRNA Splicing and Angiogenesis in Glioblastoma Multiforme Through the Binding of SRSF1. Cancers, 2019, 11, 194.	3.7	146
26	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
27	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
28	Salivary MicroRNAs: Diagnostic Markers of Mild Traumatic Brain Injury in Contact-Sport. Frontiers in Molecular Neuroscience, 2018, 11, 290.	2.9	74
29	Noncoding RNAs in Health and Disease. International Journal of Genomics, 2018, 2018, 1-2.	1.6	7
30	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
31	Non-Coding RNAs in Endometrial Physiopathology. International Journal of Molecular Sciences, 2018, 19, 2120.	4.1	77
32	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
33	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
34	MicroRNAs as Novel Biomarkers for the Diagnosis and Prognosis of Mild and Severe Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 1948-1956.	3.4	147
35	Physical rehabilitation modulates microRNAs involved in multiple sclerosis: a case report. Clinical Case Reports (discontinued), 2017, 5, 2040-2043.	0.5	7
36	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

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37	Shedding of Microvesicles from Microglia Contributes to the Effects Induced by Metabotropic Glutamate Receptor 5 Activation on Neuronal Death. Frontiers in Pharmacology, 2017, 8, 812.	3.5	22
38	Non-coding RNAs in the Ovarian Follicle. Frontiers in Genetics, 2017, 8, 57.	2.3	31
39	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
40	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
41	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
42	miRNAs in the vitreous humor of patients affected by idiopathic epiretinal membrane and macular hole. PLoS ONE, 2017, 12, e0174297.	2.5	25
43	miRNAs Plasma Profiles in Vascular Dementia: Biomolecular Data and Biomedical Implications. Frontiers in Cellular Neuroscience, 2016, 10, 51.	3.7	38
44	Intracellular and extracellular miRNome deregulation in cellular models of NAFLD or NASH: Clinical implications. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 1129-1139.	2.6	31
45	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
46	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
47	Altered expression of uncoupling protein 2 in GLP-1-producing cells after chronic high glucose exposure: implications for the pathogenesis of diabetes mellitus. American Journal of Physiology - Cell Physiology, 2016, 310, C558-C567.	4.6	22
48	Altered expression of miRNAs and methylation of their promoters are correlated in neuroblastoma. Oncotarget, 2016, 7, 83330-83341.	1.8	28
49	Dysregulated miR-671-5p / CDR1-AS / CDR1 / VSNL1 axis is involved in glioblastoma multiforme. Oncotarget, 2016, 7, 4746-4759.	1.8	103
50	Circulating miRNAs profiles in tourette syndrome: molecular data and clinical implications. Molecular Brain, 2015, 8, 44.	2.6	35
51	Exosomes: nanoshuttles to the future of BioMedicine. Cell Cycle, 2015, 14, 289-290.	2.6	14
52	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
53	Non-coding landscapes of colorectal cancer. World Journal of Gastroenterology, 2015, 21, 11709.	3.3	73
54	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

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55	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
56	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
57	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
58	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
59	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
60	MicroRNAs in vitreus humor from patients with ocular diseases. Molecular Vision, 2013, 19, 430-40.	1.1	75
61	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
62	TAp73 is downregulated in oocytes from women of advanced reproductive age. Cell Cycle, 2011, 10, 3253-3256.	2.6	38
63	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
64	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
65	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
66	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
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