

Michele purrello

List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular characterization of exosomes and their microRNA cargo in human follicular fluid: bioinformatic analysis reveals that exosomal microRNAs control pathways involved in follicular maturation. <i>Fertility and Sterility</i> , 2014, 102, 1751-1761.e1.	1.0	192
2	Identification of RNA-binding proteins in exosomes capable of interacting with different types of RNA: RBP-facilitated transport of RNAs into exosomes. <i>PLoS ONE</i> , 2018, 13, e0195969.	2.5	185
3	LncRNA UCA1, Upregulated in CRC Biopsies and Downregulated in Serum Exosomes, Controls mRNA Expression by RNA-RNA Interactions. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 229-241.	5.1	163
4	Identification of circulating microRNAs for the differential diagnosis of Parkinson's disease and Multiple System Atrophy. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 156.	3.7	150
5	MicroRNAs as Novel Biomarkers for the Diagnosis and Prognosis of Mild and Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1948-1956.	3.4	147
6	CircSMARCA5 Regulates VEGFA mRNA Splicing and Angiogenesis in Glioblastoma Multiforme Through the Binding of SRSF1. <i>Cancers</i> , 2019, 11, 194.	3.7	146
7	miRNA profiling in vitreous humor, vitreal exosomes and serum from uveal melanoma patients: Pathological and diagnostic implications. <i>Cancer Biology and Therapy</i> , 2015, 16, 1387-1396.	3.4	140
8	CircSMARCA5 Inhibits Migration of Glioblastoma Multiforme Cells by Regulating a Molecular Axis Involving Splicing Factors SRSF1/SRSF3/PTB. <i>International Journal of Molecular Sciences</i> , 2018, 19, 480.	4.1	140
9	Dysregulated miR-671-5p / CDR1-AS / CDR1 / VSNL1 axis is involved in glioblastoma multiforme. <i>Oncotarget</i> , 2016, 7, 4746-4759.	1.8	103
10	Specific Signatures of Serum miRNAs as Potential Biomarkers to Discriminate Clinically Similar Neurodegenerative and Vascular-Related Diseases. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 531-546.	3.3	99
11	Specific Alterations of MicroRNA Transcriptome and Global Network Structure in Colorectal Carcinoma after Cetuximab Treatment. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 3396-3409.	4.1	95
12	Retinal and Circulating miRNAs in Age-Related Macular Degeneration: An In vivo Animal and Human Study. <i>Frontiers in Pharmacology</i> , 2017, 8, 168.	3.5	90
13	Specific alterations of the microRNA transcriptome and global network structure in colorectal cancer after treatment with MAPK/ERK inhibitors. <i>Journal of Molecular Medicine</i> , 2012, 90, 1421-1438.	3.9	82
14	Non-Coding RNAs in Endometrial Physiopathology. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2120.	4.1	77
15	MicroRNAs in vitreous humor from patients with ocular diseases. <i>Molecular Vision</i> , 2013, 19, 430-40.	1.1	75
16	Salivary MicroRNAs: Diagnostic Markers of Mild Traumatic Brain Injury in Contact-Sport. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 290.	2.9	74
17	Non-coding landscapes of colorectal cancer. <i>World Journal of Gastroenterology</i> , 2015, 21, 11709.	3.3	73
18	Serum Extracellular Vesicle-Derived circHIPK3 and circSMARCA5 Are Two Novel Diagnostic Biomarkers for Glioblastoma Multiforme. <i>Pharmaceutics</i> , 2021, 14, 618.	3.8	64

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19	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
20	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
21	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
22	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
23	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
24	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
25	MiR-27a-3p and miR-124-3p, 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
26	Extracellular Vesicles in Human Oogenesis and Implantation. International Journal of Molecular Sciences, 2019, 20, 2162.	4.1	41
27	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
28	TAp73 is downregulated in oocytes from women of advanced reproductive age. Cell Cycle, 2011, 10, 3253-3256.	2.6	38
29	miRNAs Plasma Profiles in Vascular Dementia: Biomolecular Data and Biomedical Implications. Frontiers in Cellular Neuroscience, 2016, 10, 51.	3.7	38
30	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
31	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
32	Circulating miRNAs profiles in tourette syndrome: molecular data and clinical implications. Molecular Brain, 2015, 8, 44.	2.6	35
33	Peritumoral Microenvironment in High-Grade Gliomas: From FLAIRectomy to Microglia-Glioma Cross-Talk. Brain Sciences, 2021, 11, 200.	2.3	34
34	LncRNA LINC00518 Acts as an Oncogene in Uveal Melanoma by Regulating an RNA-Based Network. Cancers, 2020, 12, 3867.	3.7	34
35	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
36	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

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37	Non-coding RNAs in the Ovarian Follicle. <i>Frontiers in Genetics</i> , 2017, 8, 57.	2.3	31
38	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. <i>RNA Biology</i> , 2019, 16, 1237-1248.	3.1	31
39	Ovarian aging increases small extracellular vesicle CD81+ release in human follicular fluid and influences miRNA profiles. <i>Aging</i> , 2020, 12, 12324-12341.	3.1	29
40	Altered expression of miRNAs and methylation of their promoters are correlated in neuroblastoma. <i>Oncotarget</i> , 2016, 7, 83330-83341.	1.8	28
41	miRNAs in the vitreous humor of patients affected by idiopathic epiretinal membrane and macular hole. <i>PLoS ONE</i> , 2017, 12, e0174297.	2.5	25
42	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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5157.	4.1	25
43	Potential Associations Among Alteration of Salivary miRNAs, Saliva Microbiome Structure, and Cognitive Impairments in Autistic Children. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6203.	4.1	23
44	Altered expression of uncoupling protein 2 in GLP-1-producing cells after chronic high glucose exposure: implications for the pathogenesis of diabetes mellitus. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C558-C567.	4.6	22
45	Shedding of Microvesicles from Microglia Contributes to the Effects Induced by Metabotropic Glutamate Receptor 5 Activation on Neuronal Death. <i>Frontiers in Pharmacology</i> , 2017, 8, 812.	3.5	22
46	The apoptotic transcriptome of the human MII oocyte: characterization and age-related changes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 201-211.	4.9	21
47	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. <i>BMC Medical Genomics</i> , 2009, 2, 20.	1.5	20
48	Upregulated microRNAs in membranous glomerulonephropathy are associated with significant downregulation of IL6 and MYC mRNAs. <i>Journal of Cellular Physiology</i> , 2019, 234, 12625-12636.	4.1	19
49	Astrocytes Modify Migration of PBMCs Induced by β -Amyloid in a Blood-Brain Barrier in vitro Model. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 337.	3.7	15
50	LINC00483 Has a Potential Tumor-Suppressor Role in Colorectal Cancer Through Multiple Molecular Axes. <i>Frontiers in Oncology</i> , 2020, 10, 614455.	2.8	15
51	Competing endogenous RNA network mediated by circ_3205 in SARS-CoV-2 infected cells. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 75.	5.4	15
52	CEBPA exerts a specific and biologically important proapoptotic role in pancreatic β cells through its downstream network targets. <i>Molecular Biology of the Cell</i> , 2014, 25, 2333-2341.	2.1	14
53	Exosomes: nanoshuttles to the future of BioMedicine. <i>Cell Cycle</i> , 2015, 14, 289-290.	2.6	14
54	VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. <i>Genes</i> , 2021, 12, 1004.	2.4	10

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55	MicroRNA-Mediated Regulation of the Virus Cycle and Pathogenesis in the SARS-CoV-2 Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13192.	4.1	10
56	Down-regulation of long non-coding RNAs in reproductive aging and analysis of the lncRNA-miRNA-mRNA networks in human cumulus cells. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 919-931.	2.5	9
57	Resveratrol Treatment Induces Mito-miRNome Modification in Follicular Fluid from Aged Women with a Poor Prognosis for In Vitro Fertilization Cycles. <i>Antioxidants</i> , 2022, 11, 1019.	5.1	8
58	Physical rehabilitation modulates microRNAs involved in multiple sclerosis: a case report. <i>Clinical Case Reports (discontinued)</i> , 2017, 5, 2040-2043.	0.5	7
59	Noncoding RNAs in Health and Disease. <i>International Journal of Genomics</i> , 2018, 2018, 1-2.	1.6	7
60	Uncharacterized RNAs in Plasma of Alzheimer's Patients Are Associated with Cognitive Impairment and Show a Potential Diagnostic Power. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7644.	4.1	7
61	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. <i>Scientific Reports</i> , 2020, 10, 3972.	3.3	7
62	Do Extracellular RNAs Provide Insight into Uveal Melanoma Biology?. <i>Cancers</i> , 2021, 13, 5919.	3.7	6
63	Involvement of GTA protein NC2 in Neuroblastoma pathogenesis suggests that it physiologically participates in the regulation of cell proliferation. <i>Molecular Cancer</i> , 2008, 7, 52.	19.2	5
64	Molecular profiling of follicular fluid microRNAs in young women affected by Hodgkin lymphoma. <i>Reproductive BioMedicine Online</i> , 2021, 43, 1045-1056.	2.4	4
65	PARP-14 Promotes Survival of Mammalian but Not Pancreatic Cells Following Cytokine Treatment. <i>Frontiers in Endocrinology</i> , 2019, 10, 271.	3.5	3
66	Enrichment and Correlation Analysis of Serum miRNAs in Comorbidity Between Arnold-Chiari and Tourette Syndrome Contribute to Clarify Their Molecular Bases. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 608355.	2.9	2
67	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. <i>Medicina (Lithuania)</i> , 2022, 58, 139.	2.0	2