

# Marco Ragusa

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89  
papers

2,682  
citations

28  
h-index

48  
g-index

95  
ext. papers

3,437  
ext. citations

5.5  
avg, IF

4.8  
L-index

#	Paper	IF	Citations
89	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> , <b>2014</b> , 102, 1751-61.e1	4.8	135
88	Identification of circulating microRNAs for the differential diagnosis of Parkinson's disease and Multiple System Atrophy. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 156	6.1	119
87	LncRNA UCA1, Upregulated in CRC Biopsies and Downregulated in Serum Exosomes, Controls mRNA Expression by RNA-RNA Interactions. <i>Molecular Therapy - Nucleic Acids</i> , <b>2018</b> , 12, 229-241	10.7	116
86	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> , <b>2018</b> , 13, e0195969	3.7	107
85	MicroRNAs as Novel Biomarkers for the Diagnosis and Prognosis of Mild and Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 1948-1956	5.4	106
84	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> , <b>2018</b> , 19,	6.3	101
83	CircSMARCA5 Regulates VEGFA mRNA Splicing and Angiogenesis in Glioblastoma Multiforme Through the Binding of SRSF1. <i>Cancers</i> , <b>2019</b> , 11,	6.6	94
82	miRNA profiling in vitreous humor, vitreal exosomes and serum from uveal melanoma patients: Pathological and diagnostic implications. <i>Cancer Biology and Therapy</i> , <b>2015</b> , 16, 1387-96	4.6	93
81	Specific alterations of microRNA transcriptome and global network structure in colorectal carcinoma after cetuximab treatment. <i>Molecular Cancer Therapeutics</i> , <b>2010</b> , 9, 3396-409	6.1	90
80	Dysregulated miR-671-5p / CDR1-AS / CDR1 / VSNL1 axis is involved in glioblastoma multiforme. <i>Oncotarget</i> , <b>2016</b> , 7, 4746-59	3.3	86
79	Altered transcriptional regulation of cytokines, growth factors, and apoptotic proteins in the endometrium of infertile women with chronic endometritis. <i>American Journal of Reproductive Immunology</i> , <b>2013</b> , 69, 509-17	3.8	74
78	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> , <b>2012</b> , 90, 1421-38	5.5	72
77	Cellular and molecular effects of protons: apoptosis induction and potential implications for cancer therapy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2006</b> , 11, 57-66	5.4	66
76	MicroRNAs in vitreous humor from patients with ocular diseases. <i>Molecular Vision</i> , <b>2013</b> , 19, 430-40	2.3	65
75	Retinal and Circulating miRNAs in Age-Related Macular Degeneration: An Animal and Human Study. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 168	5.6	62
74	Non-coding landscapes of colorectal cancer. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 11709-39	5.6	59
73	Identification of extracellular vesicles and characterization of miRNA expression profiles in human blastocoel fluid. <i>Scientific Reports</i> , <b>2019</b> , 9, 84	4.9	56

72	IGF-I induces upregulation of DDR1 collagen receptor in breast cancer cells by suppressing MIR-199a-5p through the PI3K/AKT pathway. <i>Oncotarget</i> , <b>2016</b> , 7, 7683-700	3.3	54
71	Specific Signatures of Serum miRNAs as Potential Biomarkers to Discriminate Clinically Similar Neurodegenerative and Vascular-Related Diseases. <i>Cellular and Molecular Neurobiology</i> , <b>2020</b> , 40, 531-546	4.6	53
70	Salivary MicroRNAs: Diagnostic Markers of Mild Traumatic Brain Injury in Contact-Sport. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 290	6.1	48
69	miR-296-3p, miR-298-5p and their downstream networks are causally involved in the higher resistance of mammalian pancreatic $\beta$ cells to cytokine-induced apoptosis as compared to $\alpha$ cells. <i>BMC Genomics</i> , <b>2013</b> , 14, 62	4.5	40
68	Serum coding and non-coding RNAs as biomarkers of NAFLD and fibrosis severity. <i>Liver International</i> , <b>2019</b> , 39, 1742-1754	7.9	37
67	Highly skewed distribution of miRNAs and proteins between colorectal cancer cells and their exosomes following Cetuximab treatment: biomolecular, genetic and translational implications. <i>Oncoscience</i> , <b>2014</b> , 1, 132-157	0.8	36
66	MIR152, MIR200B, and MIR338, human positional and functional neuroblastoma candidates, are involved in neuroblast differentiation and apoptosis. <i>Journal of Molecular Medicine</i> , <b>2010</b> , 88, 1041-53	5.5	35
65	TAp73 is downregulated in oocytes from women of advanced reproductive age. <i>Cell Cycle</i> , <b>2011</b> , 10, 3253-6	3.6	34
64	MicroRNAs Are Stored in Human MII Oocyte and Their Expression Profile Changes in Reproductive Aging. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 131	3.9	32
63	Asymmetric RNA Distribution among Cells and Their Secreted Exosomes: Biomedical Meaning and Considerations on Diagnostic Applications. <i>Frontiers in Molecular Biosciences</i> , <b>2017</b> , 4, 66	5.6	31
62	Molecular Crosstalking among Noncoding RNAs: A New Network Layer of Genome Regulation in Cancer. <i>International Journal of Genomics</i> , <b>2017</b> , 2017, 4723193	2.5	28
61	Molecular profiling of human oocytes after vitrification strongly suggests that they are biologically comparable with freshly isolated gametes. <i>Fertility and Sterility</i> , <b>2010</b> , 94, 2804-7	4.8	28
60	Epigenetic dysregulation in neuroblastoma: A tale of miRNAs and DNA methylation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2016</b> , 1859, 1502-1514	6	27
59	miRNAs Plasma Profiles in Vascular Dementia: Biomolecular Data and Biomedical Implications. <i>Frontiers in Cellular Neuroscience</i> , <b>2016</b> , 10, 51	6.1	27
58	Discoidin domain receptor 1 modulates insulin receptor signaling and biological responses in breast cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 43248-43270	3.3	26
57	Extracellular Vesicles in Human Oogenesis and Implantation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	24
56	Circulating miRNAs profiles in Tourette syndrome: molecular data and clinical implications. <i>Molecular Brain</i> , <b>2015</b> , 8, 44	4.5	24
55	Serum Extracellular Vesicle-Derived circHIPK3 and circSMARCA5 Are Two Novel Diagnostic Biomarkers for Glioblastoma Multiforme. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	24

54	Intracellular and extracellular miRNome deregulation in cellular models of NAFLD or NASH: Clinical implications. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2016</b> , 26, 1129-1139	4.5	23
53	Expression profile and specific network features of the apoptotic machinery explain relapse of acute myeloid leukemia after chemotherapy. <i>BMC Cancer</i> , <b>2010</b> , 10, 377	4.8	23
52	A novel functional crosstalk between DDR1 and the IGF axis and its relevance for breast cancer. <i>Cell Adhesion and Migration</i> , <b>2018</b> , 12, 305-314	3.2	21
51	ADAM 10 expression in primary uveal melanoma as prognostic factor for risk of metastasis. <i>Pathology Research and Practice</i> , <b>2016</b> , 212, 980-987	3.4	21
50	The GAUGAA Motif Is Responsible for the Binding between circSMARCA5 and SRSF1 and Related Downstream Effects on Glioblastoma Multiforme Cell Migration and Angiogenic Potential. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	21
49	Altered expression of miRNAs and methylation of their promoters are correlated in neuroblastoma. <i>Oncotarget</i> , <b>2016</b> , 7, 83330-83341	3.3	20
48	LncRNA Acts as an Oncogene in Uveal Melanoma by Regulating an RNA-Based Network. <i>Cancers</i> , <b>2020</b> , 12,	6.6	20
47	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. <i>RNA Biology</i> , <b>2019</b> , 16, 1237-1248	4.8	19
46	The apoptotic transcriptome of the human MII oocyte: characterization and age-related changes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2013</b> , 18, 201-11	5.4	19
45	Expression and Regulatory Network Analysis of miR-140-3p, a New Potential Serum Biomarker for Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 250	6.1	19
44	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> , <b>2009</b> , 2, 20	3.7	18
43	Expression analysis of TFIID in single human oocytes: new potential molecular markers of oocyte quality. <i>Reproductive BioMedicine Online</i> , <b>2008</b> , 17, 338-49	4	17
42	MicroRNAs in the Vitreous Humor of Patients with Retinal Detachment and a Different Grading of Proliferative Vitreoretinopathy: A Pilot Study. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 23	3.3	17
41	miRNAs in the vitreous humor of patients affected by idiopathic epiretinal membrane and macular hole. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174297	3.7	16
40	Uveal melanoma: quantitative evaluation of diffusion-weighted MR imaging in the response assessment after proton-beam therapy, long-term follow-up. <i>Radiologia Medica</i> , <b>2017</b> , 122, 131-139	6.5	16
39	Diffusion-weighted magnetic resonance imaging for predicting and detecting the response of ocular melanoma to proton beam therapy: initial results. <i>Radiologia Medica</i> , <b>2015</b> , 120, 526-35	6.5	15
38	Shedding of Microvesicles from Microglia Contributes to the Effects Induced by Metabotropic Glutamate Receptor 5 Activation on Neuronal Death. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 812	5.6	15
37	Non-coding RNAs in the Ovarian Follicle. <i>Frontiers in Genetics</i> , <b>2017</b> , 8, 57	4.5	15

36	Expression of Raf Kinase Inhibitor Protein (RKIP) is a predictor of uveal melanoma metastasis. <i>Histology and Histopathology</i> , <b>2014</b> , 29, 1325-34	1.4	13
35	Diagnostic Utility of the Immunohistochemical Expression of Serine and Arginine Rich Splicing Factor 1 (SRSF1) in the Differential Diagnosis of Adult Gliomas. <i>Cancers</i> , <b>2021</b> , 13,	6.6	13
34	Immunohistochemical Expression of ABCB5 as a Potential Prognostic Factor in Uveal Melanoma. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1316	2.6	13
33	Nanogel-antimiR-31 conjugates affect colon cancer cells behaviour. <i>RSC Advances</i> , <b>2017</b> , 7, 52039-52047	3.7	12
32	CEBPA exerts a specific and biologically important proapoptotic role in pancreatic $\beta$ cells through its downstream network targets. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 2333-41	3.5	12
31	The spleen pigment cells in some amphibia. <i>Pigment Cell &amp; Melanoma Research</i> , <b>2004</b> , 17, 119-27		11
30	Ovarian aging increases small extracellular vesicle CD81 release in human follicular fluid and influences miRNA profiles. <i>Aging</i> , <b>2020</b> , 12, 12324-12341	5.6	11
29	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. <i>Neurobiology of Stress</i> , <b>2021</b> , 14, 100286	7.6	11
28	Upregulated microRNAs in membranous glomerulonephropathy are associated with significant downregulation of IL6 and MYC mRNAs. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 12625-12636	7	11
27	Circulating microRNAs Profile in Patients With Transthyretin Variant Amyloidosis. <i>Frontiers in Molecular Neuroscience</i> , <b>2020</b> , 13, 102	6.1	10
26	Astrocytes Modify Migration of PBMCs Induced by $\beta$ Amyloid in a Blood-Brain Barrier Model. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 337	6.1	10
25	Peritumoral Microenvironment in High-Grade Gliomas: From FLAIRectomy to Microglia-Glioma Cross-Talk. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	10
24	Diffusion-weighted magnetic resonance imaging and ultrasound evaluation of choroidal melanomas after proton-beam therapy. <i>Radiologia Medica</i> , <b>2015</b> , 120, 634-40	6.5	9
23	Immunoexpression of SPANX-C in metastatic uveal melanoma. <i>Pathology Research and Practice</i> , <b>2019</b> , 215, 152431	3.4	7
22	Potential Associations Among Alteration of Salivary miRNAs, Saliva Microbiome Structure, and Cognitive Impairments in Autistic Children. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
21	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> , <b>2020</b> , 21,	6.3	6
20	In vitro and in silico cloning of <i>Xenopus laevis</i> SOD2 cDNA and its phylogenetic analysis. <i>DNA and Cell Biology</i> , <b>2005</b> , 24, 111-6	3.6	6
19	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> , <b>2021</b> , 22,	6.3	6

18	Physical rehabilitation modulates microRNAs involved in multiple sclerosis: a case report. <i>Clinical Case Reports (discontinued)</i> , <b>2017</b> , 5, 2040-2043	0.7	5
17	Involvement of GTA protein NC2beta in neuroblastoma pathogenesis suggests that it physiologically participates in the regulation of cell proliferation. <i>Molecular Cancer</i> , <b>2008</b> , 7, 52	42.1	4
16	Sequence similarity is more relevant than species specificity in probabilistic backtranslation. <i>BMC Bioinformatics</i> , <b>2007</b> , 8, 58	3.6	4
15	Genomics, evolution, and expression of TBPL2, a member of the TBP family. <i>DNA and Cell Biology</i> , <b>2007</b> , 26, 369-85	3.6	4
14	FUS driven circNOT6L biogenesis in mouse and human spermatozoa supports zygote development.. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 79, 1	10.3	4
13	VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. <i>Genes</i> , <b>2021</b> , 12,	4.2	4
12	LINC00483 Has a Potential Tumor-Suppressor Role in Colorectal Cancer Through Multiple Molecular Axes. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 614455	5.3	4
11	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. <i>Scientific Reports</i> , <b>2020</b> , 10, 3972	4.9	3
10	MicroRNA signatures predict dysregulated vitamin D receptor and calcium pathways status in limb girdle muscle dystrophies (LGMD) 2A/2B. <i>Cell Biochemistry and Function</i> , <b>2016</b> , 34, 414-22	4.2	3
9	Do Extracellular RNAs Provide Insight into Uveal Melanoma Biology?. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
8	PARP-14 Promotes Survival of Mammalian [but Not [Pancreatic Cells Following Cytokine Treatment. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 271	5.7	1
7	Involvement of GTA protein NC2beta in Neuroblastoma pathogenesis suggests that it physiologically participates in the regulation of cell proliferation. <i>Molecular Cancer</i> , <b>2008</b> , 7, 59	42.1	1
6	Locally sensitive backtranslation based on multiple sequence alignment		1
5	Competing endogenous RNA network mediated by circ_3205 in SARS-CoV-2 infected cells.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 75	10.3	1
4	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> , <b>2020</b> , 13, 608355	6.1	1
3	Molecular profiling of follicular fluid microRNAs in young women affected by Hodgkin lymphoma. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 1045-1056	4	1
2	MicroRNA-Mediated Regulation of the Virus Cycle and Pathogenesis in the SARS-CoV-2 Disease.. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
1	hATTR : neurotrophic factors expression in Schwann cell line after Let7 transfection. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	

