Marco Ragusa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4446295/publications.pdf

Version: 2024-02-01

92 papers	3,897 citations	109264 35 h-index	133188 59 g-index
95 all docs	95 docs citations	95 times ranked	6248 citing authors

#	Article	IF	Citations
1	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.	0.5	192
2	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.	1.1	185
3	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.	2.3	163
4	Identification of circulating microRNAs for the differential diagnosis of Parkinson's disease and Multiple System Atrophy. Frontiers in Cellular Neuroscience, 2014, 8, 156.	1.8	150
5	MicroRNAs as Novel Biomarkers for the Diagnosis and Prognosis of Mild and Severe Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 1948-1956.	1.7	147
6	CircSMARCA5 Regulates VEGFA mRNA Splicing and Angiogenesis in Glioblastoma Multiforme Through the Binding of SRSF1. Cancers, 2019, 11, 194.	1.7	146
7	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.	1.5	140
8	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.	1.8	140
9	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
10	Dysregulated miR-671-5p / CDR1-AS / CDR1 / VSNL1 axis is involved in glioblastoma multiforme. Oncotarget, 2016, 7, 4746-4759.	0.8	103
11	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.	1.7	99
12	Specific Alterations of MicroRNA Transcriptome and Global Network Structure in Colorectal Carcinoma after Cetuximab Treatment. Molecular Cancer Therapeutics, 2010, 9, 3396-3409.	1.9	95
13	Retinal and Circulating miRNAs in Age-Related Macular Degeneration: An In vivo Animal and Human Study. Frontiers in Pharmacology, 2017, 8, 168.	1.6	90
14	Identification of extracellular vesicles and characterization of miRNA expression profiles in human blastocoel fluid. Scientific Reports, 2019, 9, 84.	1.6	83
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.	1.7	82
16	MicroRNAs in vitreus humor from patients with ocular diseases. Molecular Vision, 2013, 19, 430-40.	1.1	75
17	Salivary MicroRNAs: Diagnostic Markers of Mild Traumatic Brain Injury in Contact-Sport. Frontiers in Molecular Neuroscience, 2018, 11, 290.	1.4	74
18	Cellular and molecular effects of protons: Apoptosis induction and potential implications for cancer therapy. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 57-66.	2.2	73

#	Article	IF	Citations
19	Non-coding landscapes of colorectal cancer. World Journal of Gastroenterology, 2015, 21, 11709.	1.4	73
20	IGF-I induces upregulation of DDR1 collagen receptor in breast cancer cells by suppressing MIR-199a-5p through the PI3K/AKT pathway. Oncotarget, 2016, 7, 7683-7700.	0.8	69
21	Serum Extracellular Vesicle-Derived circHIPK3 and circSMARCA5 Are Two Novel Diagnostic Biomarkers for Glioblastoma Multiforme. Pharmaceuticals, 2021, 14, 618.	1.7	64
22	Serum coding and nonâ€coding RNAs as biomarkers of NAFLD and fibrosis severity. Liver International, 2019, 39, 1742-1754.	1.9	51
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.	1.2	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.	1.6	45
25	MicroRNAs Are Stored in Human MII Oocyte and Their Expression Profile Changes in Reproductive Aging. Biology of Reproduction, 2016, 95, 131-131.	1.2	44
26	Epigenetic dysregulation in neuroblastoma: A tale of miRNAs and DNA methylation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1502-1514.	0.9	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.	1.8	43
28	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. Neurobiology of Stress, 2021, 14, 100286.	1.9	42
29	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.	0.9	42
30	Extracellular Vesicles in Human Oogenesis and Implantation. International Journal of Molecular Sciences, 2019, 20, 2162.	1.8	41
31	Molecular Crosstalking among Noncoding RNAs: A New Network Layer of Genome Regulation in Cancer. International Journal of Genomics, 2017, 2017, 1-17.	0.8	40
32	TAp73 is downregulated in oocytes from women of advanced reproductive age. Cell Cycle, 2011, 10, 3253-3256.	1.3	38
33	miRNAs Plasma Profiles in Vascular Dementia: Biomolecular Data and Biomedical Implications. Frontiers in Cellular Neuroscience, 2016, 10, 51.	1.8	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.	1.7	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.	0.5	35
36	Circulating miRNAs profiles in tourette syndrome: molecular data and clinical implications. Molecular Brain, 2015, 8, 44.	1.3	35

#	Article	IF	Citations
37	Discoidin domain receptor 1 modulates insulin receptor signaling and biological responses in breast cancer cells. Oncotarget, 2017, 8, 43248-43270.	0.8	35
38	Peritumoral Microenvironment in High-Grade Gliomas: From FLAIRectomy to Microgliaâ€“Glioma Cross-Talk. Brain Sciences, 2021, 11, 200.	1.1	34
39	LncRNA LINC00518 Acts as an Oncogene in Uveal Melanoma by Regulating an RNA-Based Network. Cancers, 2020, 12, 3867.	1.7	34
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.	1.4	33
41	Diagnostic Utility of the Immunohistochemical Expression of Serine and Arginine Rich Splicing Factor 1 (SRSF1) in the Differential Diagnosis of Adult Gliomas. Cancers, 2021, 13, 2086.	1.7	33
42	Intracellular and extracellular miRNome deregulation in cellular models of NAFLD or NASH: Clinical implications. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 1129-1139.	1.1	31
43	Non-coding RNAs in the Ovarian Follicle. Frontiers in Genetics, 2017, 8, 57.	1.1	31
44	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. RNA Biology, 2019, 16, 1237-1248.	1.5	31
45	MicroRNAs in the Vitreous Humor of Patients with Retinal Detachment and a Different Grading of Proliferative Vitreoretinopathy: A Pilot Study. Translational Vision Science and Technology, 2020, 9, 23.	1.1	30
46	Ovarian aging increases small extracellular vesicle CD81+ release in human follicular fluid and influences miRNA profiles. Aging, 2020, 12, 12324-12341.	1.4	29
47	Uveal melanoma: quantitative evaluation of diffusion-weighted MR imaging in the response assessment after proton-beam therapy, long-term follow-up. Radiologia Medica, 2017, 122, 131-139.	4.7	28
48	Altered expression of miRNAs and methylation of their promoters are correlated in neuroblastoma. Oncotarget, 2016, 7, 83330-83341.	0.8	28
49	Expression profile and specific network features of the apoptotic machinery explain relapse of acute myeloid leukemia after chemotherapy. BMC Cancer, 2010, 10, 377.	1.1	26
50	ADAM 10 expression in primary uveal melanoma as prognostic factor for risk of metastasis. Pathology Research and Practice, 2016, 212, 980-987.	1.0	25
51	miRNAs in the vitreous humor of patients affected by idiopathic epiretinal membrane and macular hole. PLoS ONE, 2017, 12, e0174297.	1.1	25
52	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.	1.8	25
53	A novel functional crosstalk between DDR1 and the IGF axis and its relevance for breast cancer. Cell Adhesion and Migration, 2018, 12, 1-10.	1.1	24
54	Potential Associations Among Alteration of Salivary miRNAs, Saliva Microbiome Structure, and Cognitive Impairments in Autistic Children. International Journal of Molecular Sciences, 2020, 21, 6203.	1.8	23

#	Article	IF	Citations
55	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.	1.6	22
56	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.	2.2	21
57	Immunohistochemical Expression of ABCB5 as a Potential Prognostic Factor in Uveal Melanoma. Applied Sciences (Switzerland), 2019, 9, 1316.	1.3	21
58	Expression analysis of TFIID in single human oocytes: new potential molecular markers of oocyte quality. Reproductive BioMedicine Online, 2008, 17, 338-349.	1.1	20
59	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.	0.7	20
60	Upregulated microRNAs in membranous glomerulonephropathy are associated with significant downregulation of IL6 and MYC mRNAs. Journal of Cellular Physiology, 2019, 234, 12625-12636.	2.0	19
61	FUS driven circCNOT6L biogenesis in mouse and human spermatozoa supports zygote development. Cellular and Molecular Life Sciences, 2022, 79, 1.	2.4	19
62	Diffusion-weighted magnetic resonance imaging for predicting and detecting the response of ocular melanoma to proton beam therapy: initial results. Radiologia Medica, 2015, 120, 526-535.	4.7	18
63	Nanogel-antimiR-31 conjugates affect colon cancer cells behaviour. RSC Advances, 2017, 7, 52039-52047.	1.7	17
64	Expression of Raf Kinase Inhibitor Protein (RKIP) is a predictor of uveal melanoma metastasis. Histology and Histopathology, 2014, 29, 1325-34.	0.5	17
65	Astrocytes Modify Migration of PBMCs Induced by Î²-Amyloid in a Blood-Brain Barrier in vitro Model. Frontiers in Cellular Neuroscience, 2019, 13, 337.	1.8	15
66	LINC00483 Has a Potential Tumor-Suppressor Role in Colorectal Cancer Through Multiple Molecular Axes. Frontiers in Oncology, 2020, 10, 614455.	1.3	15
67	Competing endogenous RNA network mediated by circ_3205 in SARS-CoV-2 infected cells. Cellular and Molecular Life Sciences, 2022, 79, 75.	2.4	15
68	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.	0.9	14
69	Exosomes: nanoshuttles to the future of BioMedicine. Cell Cycle, 2015, 14, 289-290.	1.3	14
70	The Spleen Pigment Cells in Some Amphibia. Pigment Cell & Melanoma Research, 2004, 17, 119-127.	4.0	13
71	Diffusion-weighted magnetic resonance imaging and ultrasound evaluation of choroidal melanomas after proton-beam therapy. Radiologia Medica, 2015, 120, 634-640.	4.7	12
72	Circulating microRNAs Profile in Patients With Transthyretin Variant Amyloidosis. Frontiers in Molecular Neuroscience, 2020, 13, 102.	1.4	11

#	Article	IF	Citations
73	VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. Genes, 2021, 12, 1004.	1.0	10
74	MicroRNA-Mediated Regulation of the Virus Cycle and Pathogenesis in the SARS-CoV-2 Disease. International Journal of Molecular Sciences, 2021, 22, 13192.	1.8	10
75	Immunoexpression of SPANX-C in metastatic uveal melanoma. Pathology Research and Practice, 2019, 215, 152431.	1.0	8
76	In Vitro and In Silico Cloning of Xenopus laevis SOD2 cDNA and Its Phylogenetic Analysis. DNA and Cell Biology, 2005, 24, 111-116.	0.9	7
77	Physical rehabilitation modulates microRNAs involved in multiple sclerosis: a case report. Clinical Case Reports (discontinued), 2017, 5, 2040-2043.	0.2	7
78	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.	1.8	7
79	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972.	1.6	7
80	Sequence similarity is more relevant than species specificity in probabilistic backtranslation. BMC Bioinformatics, 2007, 8, 58.	1.2	6
81	Do Extracellular RNAs Provide Insight into Uveal Melanoma Biology?. Cancers, 2021, 13, 5919.	1.7	6
82	Genomics, Evolution, and Expression of TBPL2, a Member of the TBP Family. DNA and Cell Biology, 2007, 26, 369-385.	0.9	5
83	Involvement of GTA protein NC2Î² in Neuroblastoma pathogenesis suggests that it physiologically participates in the regulation of cell proliferation. Molecular Cancer, 2008, 7, 52.	7.9	5
84	MicroRNA signatures predict dysregulated vitamin D receptor and calcium pathways status in limb girdle muscle dystrophies (LGMD) 2A/2B. Cell Biochemistry and Function, 2016, 34, 414-422.	1.4	5
85	Molecular profiling of follicular fluid microRNAs in young women affected by Hodgkin lymphoma. Reproductive BioMedicine Online, 2021, 43, 1045-1056.	1.1	4
86	PARP-14 Promotes Survival of Mammalian Î± but Not Î² Pancreatic Cells Following Cytokine Treatment. Frontiers in Endocrinology, 2019, 10, 271.	1.5	3
87	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.	1.4	2
88	Locally sensitive backtranslation based on multiple sequence alignment. , 0, , .		1
89	MicroRNA expression profile and network in colorectal carcinoma after chemotherapy. New Biotechnology, 2010, 27, S67.	2.4	0
90	Serum coding and non-coding RNAs as biomarkers of NAFLD and fibrosis severity. Digestive and Liver Disease, 2019, 51, e4.	0.4	0

#	Article	IF	Citations
91	Abstract 4612: In breast cancer cells IGF-I induces upregulation of DDR1 by suppressing miR-199a-5p via the PI3K/Akt pathway. , 2016, , .		0
92	hATTR : neurotrophic factors expression in Schwann cell line after Let7 transfection. FASEB Journal, 2020, 34, 1-1.	0.2	0