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List of Publications by Year in Descending Order

50 papers	1,722 citations	24 h-index	41 g-index
57 ext. papers	2,081 ext. citations	6.8 avg, IF	4.59 L-index

#	Paper	IF	Citations
50	Identification of miRNAs Bound to an RNA of Interest by MicroRNA Capture Affinity Technology (miR-CATCH). *Methods in Molecular Biology*, **2022**, 2404, 207-218	1.4	
49	Integrative microRNAome analysis of skeletal muscle of Colossoma macropomum (tambaqui), Piaractus mesopotamicus (pacu), and the hybrid tambacu, based on next-generation sequencing data. *BMC Genomics*, **2021**, 22, 237	4.5	2
48	Delivery of oligonucleotide-based therapeutics: challenges and opportunities. *EMBO Molecular Medicine*, **2021**, 13, e13243	12	54
47	MIR-NATs repress MAPT translation and aid proteostasis in neurodegeneration. *Nature*, **2021**, 594, 117-123	50.4	6
46	Measurements Methods for the Development of MicroRNA-Based Tests for Cancer Diagnosis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	8
45	miR375-3p Distinguishes Low-Grade Neuroendocrine From Non-neuroendocrine Lung Tumors in FFPE Samples. *Frontiers in Molecular Biosciences*, **2020**, 7, 86	5.6	5
44	MiRNA-QC-and-Diagnosis: An R package for diagnosis based on MiRNA expression. *SoftwareX*, **2020** , 12, 100569	2.7	
43	Upregulation of miR-133b and miR-328 in Patients With Atrial Dilatation: Implications for Stretch-Induced Atrial Fibrillation. *Frontiers in Physiology*, **2019**, 10, 1133	4.6	17
42	New Platform for the Direct Profiling of microRNAs in Biofluids. *Analytical Chemistry*, **2019**, 91, 5874-5880	7.8	10
41	Plasma microRNA profiling distinguishes patients with frontotemporal dementia from healthy subjects. *Neurobiology of Aging*, **2019**, 84, 240.e1-240.e12	5.6	18
40	The short-term impact of probiotic consumption on the oral cavity microbiome. *Scientific Reports*, **2018**, 8, 10476	4.9	15
39	Circulating miR-127-3p as a Potential Biomarker for Differential Diagnosis in Frontotemporal Dementia. *Journal of Alzheimer's Disease*, **2018**, 65, 455-464	4.3	23
38	The miR-15/107 Family of microRNA Genes Regulates CDK5R1/p35 with Implications for Alzheimer's Disease Pathogenesis. *Molecular Neurobiology*, **2017**, 54, 4329-4342	6.2	60
37	Selection of reference genes is critical for miRNA expression analysis in human cardiac tissue. A focus on atrial fibrillation. *Scientific Reports*, **2017**, 7, 41127	4.9	50
36	Delivery is key: lessons learnt from developing splice-switching antisense therapies. *EMBO Molecular Medicine*, **2017**, 9, 545-557	12	79
35	Oligonucleotide Therapy **2017**, 191-217		
34	microRNAs Make the Call in Cancer Personalized Medicine. *Frontiers in Cell and Developmental Biology*, **2017**, 5, 86	5.7	55

33	DNA methylation variations are required for epithelial-to-mesenchymal transition induced by cancer-associated fibroblasts in prostate cancer cells. *Oncogene*, **2017**, 36, 5551-5566	9.2	59
32	Double-target Antisense U1snRNAs Correct Mis-splicing Due to c.639+861C>T and c.639+919G>A GLA Deep Intronic Mutations. *Molecular Therapy - Nucleic Acids*, **2016**, 5, e380	10.7	7
31	Reduced miR-659-3p Levels Correlate with Progranulin Increase in Hypoxic Conditions: Implications for Frontotemporal Dementia. *Frontiers in Molecular Neuroscience*, **2016**, 9, 31	6.1	17
30	A network of RNA and protein interactions in Fronto Temporal Dementia. *Frontiers in Molecular Neuroscience*, **2015**, 8, 9	6.1	20
29	Statistical analysis of a Bayesian classifier based on the expression of miRNAs. *BMC Bioinformatics*, **2015**, 16, 287	3.6	5
28	A New Splicing Isoform of Cacna2d4 Mimicking the Effects of c.2451insC Mutation in the Retina: Novel Molecular and Electrophysiological Insights **2015**, 56, 4846-56		8
27	microRNA and Lung Cancer. *Advances in Experimental Medicine and Biology*, **2015**, 889, 153-77	3.6	69
26	Circulating microRNAs in Neurodegenerative Diseases. *Exs*, **2015**, 106, 151-169		18
25	Enhanced microbial diversity in the saliva microbiome induced by short-term probiotic intake revealed by 16S rRNA sequencing on the IonTorrent PGM platform. *Journal of Biotechnology*, **2014**, 190, 30-9	3.7	26
24	Circulating miRNAs as biomarkers for neurodegenerative disorders. *Molecules*, **2014**, 19, 6891-910	4.8	125
23	Splicing-correcting therapeutic approaches for retinal dystrophies: where endogenous gene regulation and specificity matter **2014**, 55, 3285-94		15
22	MicroRNAs as lung cancer biomarkers. *World Journal of Clinical Oncology*, **2014**, 5, 604-20	2.5	66
21	Exon-skipping antisense oligonucleotides to correct missplicing in neurogenetic diseases. *Nucleic Acid Therapeutics*, **2014**, 24, 69-86	4.8	54
20	An electroporation protocol for efficient DNA transfection in PC12 cells. *Cytotechnology*, **2014**, 66, 543-53	2.2	21
19	Identification of new p53 target microRNAs by bioinformatics and functional analysis. *BMC Cancer*, **2013**, 13, 552	4.8	43
18	A cross-platform comparison of affymetrix and Agilent microarrays reveals discordant miRNA expression in lung tumors of c-Raf transgenic mice. *PLoS ONE*, **2013**, 8, e78870	3.7	29
17	Heterogeneity of large cell carcinoma of the lung: an immunophenotypic and miRNA-based analysis. *American Journal of Clinical Pathology*, **2011**, 136, 773-82	1.9	43
16	miR-205 Expression levels in nonsmall cell lung cancer do not always distinguish adenocarcinomas from squamous cell carcinomas. *American Journal of Surgical Pathology*, **2011**, 35, 268-75	6.7	44

15	PMP70 knock-down generates oxidative stress and pro-inflammatory cytokine production in C6 glial cells. *Neurochemistry International*, **2009**, 54, 37-42	4.4	9
14	RNAi-mediated silencing of ABCD3 gene expression in rat C6 glial cells: a model system to study PMP70 function. *Neurochemistry International*, **2008**, 52, 1106-13	4.4	10
13	Long-term benefit of adeno-associated virus/antisense-mediated exon skipping in dystrophic mice. *Human Gene Therapy*, **2008**, 19, 601-8	4.8	57
12	Blockade of chloride intracellular ion channel 1 stimulates Abeta phagocytosis. *Journal of Neuroscience Research*, **2008**, 86, 2488-98	4.4	19
11	Virp1 is a host protein with a major role in Potato spindle tuber viroid infection in Nicotiana plants. *Journal of Virology*, **2007**, 81, 12872-80	6.6	71
10	Chimeric adeno-associated virus/antisense U1 small nuclear RNA effectively rescues dystrophin synthesis and muscle function by local treatment of mdx mice. *Human Gene Therapy*, **2006**, 17, 565-74	4.8	36
9	Body-wide gene therapy of Duchenne muscular dystrophy in the mdx mouse model. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 3758-63	11.5	123
8	Preferential silencing of a common dominant rhodopsin mutation does not inhibit retinal degeneration in a transgenic model. *Molecular Therapy*, **2006**, 14, 692-9	11.7	35
7	A loxP-containing pol II promoter for RNA interference is reversibly regulated by Cre recombinase. *RNA Biology*, **2005**, 2, 86-92	4.8	9
6	Involvement of the intracellular ion channel CLIC1 in microglia-mediated beta-amyloid-induced neurotoxicity. *Journal of Neuroscience*, **2004**, 24, 5322-30	6.6	87
5	Short interfering RNAs specific for potato spindle tuber viroid are found in the cytoplasm but not in the nucleus. *Plant Journal*, **2004**, 37, 762-9	6.9	46
4	A new vector, based on the PolII promoter of the U1 snRNA gene, for the expression of siRNAs in mammalian cells. *Molecular Therapy*, **2004**, 10, 191-9	11.7	70
3	Characterization of the RNA motif responsible for the specific interaction of potato spindle tuber viroid RNA (PSTVd) and the tomato protein Virp1. *Nucleic Acids Research*, **2003**, 31, 5534-43	20.1	66
2	Northwestern Techniques for the Identification of RNA-binding Proteins from cDNA Expression Libraries and the Analysis of RNA-Protein Interactions710-728		
1	Exon skipping via chimeric antisense U1 snRNAs to correct Retinitis Pigmentosa GTPase-Regulator (RPGR) splice defect		1