

Michela A Denti

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.

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	Circulating miRNAs as biomarkers for neurodegenerative disorders. <i>Molecules</i> , 2014 , 19, 6891-910	4.8	125
49	Body-wide gene therapy of Duchenne muscular dystrophy in the mdx mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 3758-63	11.5	123
48	Involvement of the intracellular ion channel CLIC1 in microglia-mediated beta-amyloid-induced neurotoxicity. <i>Journal of Neuroscience</i> , 2004 , 24, 5322-30	6.6	87
47	Delivery is key: lessons learnt from developing splice-switching antisense therapies. <i>EMBO Molecular Medicine</i> , 2017 , 9, 545-557	12	79
46	Virp1 is a host protein with a major role in Potato spindle tuber viroid infection in Nicotiana plants. <i>Journal of Virology</i> , 2007 , 81, 12872-80	6.6	71
45	A new vector, based on the PolII promoter of the U1 snRNA gene, for the expression of siRNAs in mammalian cells. <i>Molecular Therapy</i> , 2004 , 10, 191-9	11.7	70
44	microRNA and Lung Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 889, 153-77	3.6	69
43	MicroRNAs as lung cancer biomarkers. <i>World Journal of Clinical Oncology</i> , 2014 , 5, 604-20	2.5	66
42	Characterization of the RNA motif responsible for the specific interaction of potato spindle tuber viroid RNA (PSTVd) and the tomato protein Virp1. <i>Nucleic Acids Research</i> , 2003 , 31, 5534-43	20.1	66
41	The miR-15/107 Family of microRNA Genes Regulates CDK5R1/p35 with Implications for Alzheimer's Disease Pathogenesis. <i>Molecular Neurobiology</i> , 2017 , 54, 4329-4342	6.2	60
40	DNA methylation variations are required for epithelial-to-mesenchymal transition induced by cancer-associated fibroblasts in prostate cancer cells. <i>Oncogene</i> , 2017 , 36, 5551-5566	9.2	59
39	Long-term benefit of adeno-associated virus/antisense-mediated exon skipping in dystrophic mice. <i>Human Gene Therapy</i> , 2008 , 19, 601-8	4.8	57
38	microRNAs Make the Call in Cancer Personalized Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2017 , 5, 86	5.7	55
37	Exon-skipping antisense oligonucleotides to correct missplicing in neurogenetic diseases. <i>Nucleic Acid Therapeutics</i> , 2014 , 24, 69-86	4.8	54
36	Delivery of oligonucleotide-based therapeutics: challenges and opportunities. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13243	12	54
35	Selection of reference genes is critical for miRNA expression analysis in human cardiac tissue. A focus on atrial fibrillation. <i>Scientific Reports</i> , 2017 , 7, 41127	4.9	50
34	Short interfering RNAs specific for potato spindle tuber viroid are found in the cytoplasm but not in the nucleus. <i>Plant Journal</i> , 2004 , 37, 762-9	6.9	46

33	miR-205 Expression levels in nonsmall cell lung cancer do not always distinguish adenocarcinomas from squamous cell carcinomas. <i>American Journal of Surgical Pathology</i> , 2011 , 35, 268-75	6.7	44
32	Identification of new p53 target microRNAs by bioinformatics and functional analysis. <i>BMC Cancer</i> , 2013 , 13, 552	4.8	43
31	Heterogeneity of large cell carcinoma of the lung: an immunophenotypic and miRNA-based analysis. <i>American Journal of Clinical Pathology</i> , 2011 , 136, 773-82	1.9	43
30	Chimeric adeno-associated virus/antisense U1 small nuclear RNA effectively rescues dystrophin synthesis and muscle function by local treatment of mdx mice. <i>Human Gene Therapy</i> , 2006 , 17, 565-74	4.8	36
29	Preferential silencing of a common dominant rhodopsin mutation does not inhibit retinal degeneration in a transgenic model. <i>Molecular Therapy</i> , 2006 , 14, 692-9	11.7	35
28	A cross-platform comparison of affymetrix and Agilent microarrays reveals discordant miRNA expression in lung tumors of c-Raf transgenic mice. <i>PLoS ONE</i> , 2013 , 8, e78870	3.7	29
27	Enhanced microbial diversity in the saliva microbiome induced by short-term probiotic intake revealed by 16S rRNA sequencing on the IonTorrent PGM platform. <i>Journal of Biotechnology</i> , 2014 , 190, 30-9	3.7	26
26	Circulating miR-127-3p as a Potential Biomarker for Differential Diagnosis in Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 455-464	4.3	23
25	An electroporation protocol for efficient DNA transfection in PC12 cells. <i>Cytotechnology</i> , 2014 , 66, 543-552	5.2	21
24	A network of RNA and protein interactions in Fronto Temporal Dementia. <i>Frontiers in Molecular Neuroscience</i> , 2015 , 8, 9	6.1	20
23	Blockade of chloride intracellular ion channel 1 stimulates Abeta phagocytosis. <i>Journal of Neuroscience Research</i> , 2008 , 86, 2488-98	4.4	19
22	Circulating microRNAs in Neurodegenerative Diseases. <i>Exs</i> , 2015 , 106, 151-169		18
21	Plasma microRNA profiling distinguishes patients with frontotemporal dementia from healthy subjects. <i>Neurobiology of Aging</i> , 2019 , 84, 240.e1-240.e12	5.6	18
20	Upregulation of miR-133b and miR-328 in Patients With Atrial Dilatation: Implications for Stretch-Induced Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2019 , 10, 1133	4.6	17
19	Reduced miR-659-3p Levels Correlate with Progranulin Increase in Hypoxic Conditions: Implications for Frontotemporal Dementia. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 31	6.1	17
18	The short-term impact of probiotic consumption on the oral cavity microbiome. <i>Scientific Reports</i> , 2018 , 8, 10476	4.9	15
17	Splicing-correcting therapeutic approaches for retinal dystrophies: where endogenous gene regulation and specificity matter 2014 , 55, 3285-94		15
16	New Platform for the Direct Profiling of microRNAs in Biofluids. <i>Analytical Chemistry</i> , 2019 , 91, 5874-5880	8.8	10

15	RNAi-mediated silencing of ABCD3 gene expression in rat C6 glial cells: a model system to study PMP70 function. <i>Neurochemistry International</i> , 2008 , 52, 1106-13	4.4	10
14	PMP70 knock-down generates oxidative stress and pro-inflammatory cytokine production in C6 glial cells. <i>Neurochemistry International</i> , 2009 , 54, 37-42	4.4	9
13	A loxP-containing pol II promoter for RNA interference is reversibly regulated by Cre recombinase. <i>RNA Biology</i> , 2005 , 2, 86-92	4.8	9
12	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
11	Measurements Methods for the Development of MicroRNA-Based Tests for Cancer Diagnosis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
10	Double-target Antisense U1snRNAs Correct Mis-splicing Due to c.639+861C>T and c.639+919G>A GLA Deep Intronic Mutations. <i>Molecular Therapy - Nucleic Acids</i> , 2016 , 5, e380	10.7	7
9	MIR-NATs repress MAPT translation and aid proteostasis in neurodegeneration. <i>Nature</i> , 2021 , 594, 117-124	12.4	6
8	miR375-3p Distinguishes Low-Grade Neuroendocrine From Non-neuroendocrine Lung Tumors in FFPE Samples. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 86	5.6	5
7	Statistical analysis of a Bayesian classifier based on the expression of miRNAs. <i>BMC Bioinformatics</i> , 2015 , 16, 287	3.6	5
6	Integrative microRNAome analysis of skeletal muscle of <i>Colossoma macropomum</i> (tambaqui), <i>Piaractus mesopotamicus</i> (pacu), and the hybrid tambacu, based on next-generation sequencing data. <i>BMC Genomics</i> , 2021 , 22, 237	4.5	2
5	Exon skipping via chimeric antisense U1 snRNAs to correct Retinitis Pigmentosa GTPase-Regulator (RPGR) splice defect		1
4	Oligonucleotide Therapy 2017 , 191-217		
3	Northwestern Techniques for the Identification of RNA-binding Proteins from cDNA Expression Libraries and the Analysis of RNA-Protein Interactions 710-728		
2	Identification of miRNAs Bound to an RNA of Interest by MicroRNA Capture Affinity Technology (miR-CATCH). <i>Methods in Molecular Biology</i> , 2022 , 2404, 207-218	1.4	
1	MiRNA-QC-and-Diagnosis: An R package for diagnosis based on MiRNA expression. <i>SoftwareX</i> , 2020 , 12, 100569	2.7	