

# Michela A Denti

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,390  
citations

185998

28  
h-index

214527

47  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivery of oligonucleotide-based therapeutics: challenges and opportunities. <i>EMBO Molecular Medicine</i> , 2021, 13, e13243.	3.3	181
2	Circulating miRNAs as Biomarkers for Neurodegenerative Disorders. <i>Molecules</i> , 2014, 19, 6891-6910.	1.7	167
3	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, 3758-3763.	3.3	134
4	Delivery is key: lessons learnt from developing splice-switching antisense therapies. <i>EMBO Molecular Medicine</i> , 2017, 9, 545-557.	3.3	119
5	Involvement of the Intracellular Ion Channel CLIC1 in Microglia-Mediated $\beta$ -Amyloid-Induced Neurotoxicity. <i>Journal of Neuroscience</i> , 2004, 24, 5322-5330.	1.7	104
6	Virp1 Is a Host Protein with a Major Role in <i>Potato Spindle Tuber Viroid</i> Infection in <i>Nicotiana</i> Plants. <i>Journal of Virology</i> , 2007, 81, 12872-12880.	1.5	90
7	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.	2.6	88
8	microRNA and Lung Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2015, 889, 153-177.	0.8	83
9	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, 5534-5543.	6.5	82
10	MicroRNAs as lung cancer biomarkers. <i>World Journal of Clinical Oncology</i> , 2014, 5, 604.	0.9	82
11	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.	1.9	81
12	Exon-Skipping Antisense Oligonucleotides to Correct Missplicing in Neurogenetic Diseases. <i>Nucleic Acid Therapeutics</i> , 2014, 24, 69-86.	2.0	77
13	A new vector, based on the PolIII promoter for the U1 snRNA gene, for the expression of siRNAs in mammalian cells. <i>Molecular Therapy</i> , 2004, 10, 191-199.	3.7	76
14	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.	1.6	74
15	microRNAs Make the Call in Cancer Personalized Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 86.	1.8	67
16	Long-Term Benefit of Adeno-Associated Virus/Antisense-Mediated Exon Skipping in Dystrophic Mice. <i>Human Gene Therapy</i> , 2008, 19, 601-608.	1.4	65
17	Identification of new p53 target microRNAs by bioinformatics and functional analysis. <i>BMC Cancer</i> , 2013, 13, 552.	1.1	51
18	Heterogeneity of Large Cell Carcinoma of the Lung. <i>American Journal of Clinical Pathology</i> , 2011, 136, 773-782.	0.4	48

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19	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, 762-769.	2.8	47
20	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, 268-275.	2.1	47
21	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, 565-574.	1.4	45
22	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.	1.2	43
23	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.	1.1	43
24	Preferential silencing of a common dominant rhodopsin mutation does not inhibit retinal degeneration in a transgenic model. <i>Molecular Therapy</i> , 2006, 14, 692-699.	3.7	39
25	The short-term impact of probiotic consumption on the oral cavity microbiome. <i>Scientific Reports</i> , 2018, 8, 10476.	1.6	36
26	Measurements Methods for the Development of MicroRNA-Based Tests for Cancer Diagnosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1176.	1.8	35
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, 30-39.	1.9	34
28	An electroporation protocol for efficient DNA transfection in PC12 cells. <i>Cytotechnology</i> , 2014, 66, 543-553.	0.7	33
29	Plasma microRNA profiling distinguishes patients with frontotemporal dementia from healthy subjects. <i>Neurobiology of Aging</i> , 2019, 84, 240.e1-240.e12.	1.5	32
30	MIR-NATs repress MAPT translation and aid proteostasis in neurodegeneration. <i>Nature</i> , 2021, 594, 117-123.	13.7	29
31	Blockade of chloride intracellular ion channel 1 stimulates A $\beta$ 2 phagocytosis. <i>Journal of Neuroscience Research</i> , 2008, 86, 2488-2498.	1.3	25
32	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.	1.4	25
33	A network of RNA and protein interactions in Fronto Temporal Dementia. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 9.	1.4	22
34	Circulating microRNAs in Neurodegenerative Diseases. <i>Exs</i> , 2015, 106, 151-169.	1.4	21
35	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.	1.3	21
36	Splicing-Correcting Therapeutic Approaches for Retinal Dystrophies: Where Endogenous Gene Regulation and Specificity Matter. , 2014, 55, 3285.		20

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37	New Platform for the Direct Profiling of microRNAs in Biofluids. <i>Analytical Chemistry</i> , 2019, 91, 5874-5880.	3.2	17
38	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.	2.3	14
39	PMP70 knock-down generates oxidative stress and pro-inflammatory cytokine production in C6 glial cells. <i>Neurochemistry International</i> , 2009, 54, 37-42.	1.9	12
40	A New Splicing Isoform of <i>Cacna2d4</i> Mimicking the Effects of c.2451insC Mutation in the Retina: Novel Molecular and Electrophysiological Insights. , 2015, 56, 4846.		12
41	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, 1106-1113.	1.9	11
42	DNMT3A epigenetically regulates key microRNAs involved in epithelial-to-mesenchymal transition in prostate cancer. <i>Carcinogenesis</i> , 2021, 42, 1449-1460.	1.3	10
43	A loxP-Containing pol II Promoter for RNA Interference is Reversibly Regulated by Cre Recombinase. <i>RNA Biology</i> , 2005, 2, 86-92.	1.5	9
44	Statistical analysis of a Bayesian classifier based on the expression of miRNAs. <i>BMC Bioinformatics</i> , 2015, 16, 287.	1.2	7
45	miR375-3p Distinguishes Low-Grade Neuroendocrine From Non-neuroendocrine Lung Tumors in FFPE Samples. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 86.	1.6	7
46	Exon Skipping Through Chimeric Antisense <i>U1</i> snRNAs to Correct Retinitis Pigmentosa GTPase-Regulator ( <i>RPGR</i> ) Splice Defect. <i>Nucleic Acid Therapeutics</i> , 2022, 32, 333-349.	2.0	7
47	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.	1.2	3
48	Delivery of Antisense RNA Therapeutics: Turning Negative Results Into a Positive Development. <i>Nucleic Acid Therapeutics</i> , 2021, 31, 183-184.	2.0	3
49	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.	0.4	1
50	Northwestern Techniques for the Identification of RNA-binding Proteins from cDNA Expression Libraries and the Analysis of RNA-Protein Interactions. , 0, , 710-728.		0
51	712. AAV-Mediated Allele-Specific RNA Interference of a Common Dominant Rhodopsin Mutation Causing Retinitis Pigmentosa. <i>Molecular Therapy</i> , 2006, 13, S275.	3.7	0
52	Oligonucleotide Therapy. , 2017, , 191-217.		0
53	MiRNA-QC-and-Diagnosis: An R package for diagnosis based on MiRNA expression. <i>SoftwareX</i> , 2020, 12, 100569.	1.2	0
54	Abstract 2286: p53-miR-dependent post-transcriptional circuits: mechanisms, targets and inter-individual variation. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
55	Abstract 4199: CDKN2A/p16INK4a 5'UTR variants in melanoma predisposition: Lost in translation, somewhere. , 2012, , .		0