Zissimos Mourelatos

List of Publications by Year
in descending order

70	8,448	81900 39	114465 63
papers	citations	h-index	g-index

72	72	72	10004
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	John Q. Trojanowski, MD, PhD (1946â€“2022). Neuron, 2022, 110, 1095-1096.	8.1	1
2	Multifocal neutrophilic meningoencephalitis: a novel disorder responsive to anakinra. Journal of Neurology, 2021, 268, 2995-2999.	3.6	1
3	TERA-Seq: true end-to-end sequencing of native RNA molecules for transcriptome characterization. Nucleic Acids Research, 2021, 49, e115-e115.	14.5	18
4	Modulation of Aubâ€“TDRD interactions elucidates piRNA amplification and germplasm formation. Life Science Alliance, 2021, 4, e202000912.	2.8	8
5	Retention of CD19 intron 2 contributes to CART-19 resistance in leukemias with subclonal frameshift mutations in CD19. Leukemia, 2020, 34, 1202-1207.	7.2	61
6	Capturing 5Ê¹ and 3Ê¹ native ends of mRNAs concurrently with Akron sequencing. Nature Protocols, 2019, 14, 1578-1602.	12.0	3
7	Regulation of gene expression by miR-144/451 during mouse erythropoiesis. Blood, 2019, 133, 2518-2528.	1.4	33
8	Ribothrypsis, a novel process of canonical mRNA decay, mediates ribosome-phased mRNA endonucleolysis. Nature Structural and Molecular Biology, 2018, 25, 302-310.	8.2	63
9	cCLIP-Seq: Retrieval of Chimeric Reads from HITS-CLIP (CLIP-Seq) Libraries. Methods in Molecular Biology, 2018, 1680, 87-100.	0.9	2
10	High-Affinity GD2-Specific CAR T Cells Induce Fatal Encephalitis in a Preclinical Neuroblastoma Model. Cancer Immunology Research, 2018, 6, 36-46.	3.4	192
11	Set Phasers to Cleave: PIWI Cleavage Directs All piRNA Biogenesis. Molecular Cell, 2018, 71, 651-652.	9.7	4
12	Kc167, a widely used Drosophila cell line, contains an active primary piRNA pathway. Rna, 2017, 23, 108-118.	3.5	17
13	Sequence-dependent but not sequence-specific piRNA adhesion traps mRNAs to the germ plasm. Nature, 2016, 531, 390-394.	27.8	113
14	CLIPSeqToolsâ€”a novel bioinformatics CLIP-seq analysis suite. Rna, 2016, 22, 1-9.	3.5	49
15	The RNA helicase MOV10L1 binds piRNA precursors to initiate piRNA processing. Genes and Development, 2015, 29, 617-629.	5.9	143
16	Native Gel Analysis for Mammalian MicroRNPs Assembled from Pre-microRNAs. Methods in Molecular Biology, 2015, 1206, 39-51.	0.9	0
17	A MicroRNA Precursor Surveillance System in Quality Control of MicroRNA Synthesis. Molecular Cell, 2014, 55, 868-879.	9.7	74
18	HITS-CLIP (CLIP-Seq) for Mouse Piwi Proteins. Methods in Molecular Biology, 2014, 1093, 73-95.	0.9	23

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19	Argonaute HITS-CLIP Reveals Global miRNA-mRNA Networks in Erythropoiesis. Blood, 2014, 124, 446-446.	1.4	1
20	FUS regulates genes coding for RNA-binding proteins in neurons by binding to their highly conserved introns. Rna, 2013, 19, 498-509.	3.5	112
21	Identification of InÂVivo, Conserved, TAF15 RNA Binding Sites Reveals the Impact of TAF15 on the Neuronal Transcriptome. Cell Reports, 2013, 3, 301-308.	6.4	43
22	Mitochondrial protein BmPAPI modulates the length of mature piRNAs. Rna, 2013, 19, 1405-1418.	3.5	75
23	Evaluating the role of the FUS/TLS-related gene EWSR1 in amyotrophic lateral sclerosis. Human Molecular Genetics, 2012, 21, 2899-2911.	2.9	246
24	Precursor MicroRNA-Programmed Silencing Complex Assembly Pathways in Mammals. Molecular Cell, 2012, 46, 507-517.	9.7	56
25	RNA Dysregulation in Diseases of Motor Neurons. Annual Review of Pathology: Mechanisms of Disease, 2012, 7, 323-352.	22.4	18
26	Mili and Miwi target RNA repertoire reveals piRNA biogenesis and function of Miwi in spermiogenesis. Nature Structural and Molecular Biology, 2012, 19, 773-781.	8.2	221
27	MiRNAâ€9 and MiRNAâ€200a Distinguish Hemangioblastomas from Metastatic Clear Cell Renal Cell Carcinomas in the CNS. Brain Pathology, 2012, 22, 522-529.	4.1	9
28	Asymmetric bilateral demyelinating optic neuropathy from tacrolimus toxicity. Journal of the Neurological Sciences, 2011, 301, 112-115.	0.6	33
29	2011 Award Recipients â€" William W. Schlaepfer, MD and Leroy R. Sharer, MD. Journal of Neuropathology and Experimental Neurology, 2011, 70, 939-941.	1.7	0
30	A yeast functional screen predicts new candidate ALS disease genes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20881-20890.	7.1	365
31	Immunoprecipitation of piRNPs and Directional, Next Generation Sequencing of piRNAs. Methods in Molecular Biology, 2011, 725, 281-293.	0.9	7
32	High-throughput experimental studies to identify miRNA targets directly, with special focus on the mammalian brain. Brain Research, 2010, 1338, 122-130.	2.2	20
33	Rapid in situ codetection of noncoding RNAs and proteins in cells and formalin-fixed paraffin-embedded tissue sections without protease treatment. Nature Protocols, 2010, 5, 1061-1073.	12.0	134
34	Arginine methylation of Aubergine mediates Tudor binding and germ plasm localization. Rna, 2010, 16, 70-78.	3.5	113
35	Elective affinities: a Tudorâ€"Aubergine tale of germline partnership. Genes and Development, 2010, 24, 1963-1966.	5.9	8
36	Arginine Methylation of Vasa Protein Is Conserved across Phyla. Journal of Biological Chemistry, 2010, 285, 8148-8154.	3.4	83

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37	Biochemical and genetic evidence for a role of IGHMBP2 in the translational machinery. Human Molecular Genetics, 2009, 18, 2115-2126.	2.9	61
38	Emerging roles of microRNAs as molecular switches in the integrated circuit of the cancer cell. Rna, 2009, 15, 1443-1461.	3.5	147
39	Arginine methylation of Piwi proteins catalysed by dPRMT5 is required for Ago3 and Aub stability. Nature Cell Biology, 2009, 11, 652-658.	10.3	219
40	The seeds of silence. Nature, 2008, 455, 44-45.	27.8	43
41	Introduction and Historical Background. Brain Pathology, 2008, 18, 110-112.	4.1	12
42	MicroRNAs: Biogenesis and Molecular Functions. Brain Pathology, 2008, 18, 113-121.	4.1	192
43	Site-specific crosslinking of human microRNPs to RNA targets. Rna, 2008, 14, 2254-2259.	3.5	12
44	2'-O-methyl modification in mouse piRNAs and its methylase. Nucleic Acids Symposium Series, 2007, 51, 417-418.	0.3	34
45	A novel monoclonal antibody against human Argonaute proteins reveals unexpected characteristics of miRNAs in human blood cells. Rna, 2007, 13, 1787-1792.	3.5	107
46	The mouse homolog of HEN1 is a potential methylase for Piwi-interacting RNAs. Rna, 2007, 13, 1397-1401.	3.5	153
47	Small regulatory RNAs: biogenesis & functions. Nucleic Acids Symposium Series, 2007, 51, 105-105.	0.3	2
48	An mRNA m7G Cap Binding-like Motif within Human Ago2 Represses Translation. Cell, 2007, 129, 1141-1151.	28.9	386
49	Mouse Piwi-interacting RNAs are 2â€²-O-methylated at their 3â€² termini. Nature Structural and Molecular Biology, 2007, 14, 347-348.	8.2	239
50	Human mitochondrial tRNAMet is exported to the cytoplasm and associates with the Argonaute 2 protein. Rna, 2005, 11, 849-852.	3.5	103
51	Detection of MicroRNAs and Assays to Monitor MicroRNA Activities In Vivo and In Vitro. , 2005, 309, 295-310.		17
52	Immunoprecipitation of MicroRNPs and Directional Cloning of MicroRNAs. , 2005, 309, 283-294.		15
53	A human, ATP-independent, RISC assembly machine fueled by pre-miRNA. Genes and Development, 2005, 19, 2979-2990.	5.9	353
54	RAKE and LNA-ISH reveal microRNA expression and localization in archival human brain. Rna, 2005, 12, 187-191.	3.5	270

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55	A combined computational-experimental approach predicts human microRNA targets. Genes and Development, 2004, 18, 1165-1178.	5.9	680
56	Microarray-based, high-throughput gene expression profiling of microRNAs. Nature Methods, 2004, 1, 155-161.	19.0	604
57	miRNP:mRNA association in polyribosomes in a human neuronal cell line. Rna, 2004, 10, 387-394.	3.5	185
58	The microRNA world: small is mighty. Trends in Biochemical Sciences, 2003, 28, 534-540.	7.5	282
59	Numerous microRNPs in neuronal cells containing novel microRNAs. Rna, 2003, 9, 180-186.	3.5	321
60	miRNPs: a novel class of ribonucleoproteins containing numerous microRNAs. Genes and Development, 2002, 16, 720-728.	5.9	926
61	Gemin5, a Novel WD Repeat Protein Component of the SMN Complex That Binds Sm Proteins. Journal of Biological Chemistry, 2002, 277, 5631-5636.	3.4	139
62	SMN interacts with a novel family of hnRNP and spliceosomal proteins. EMBO Journal, 2001, 20, 5443-5452.	7.8	194
63	The Heidenhain Variant of Creutzfeldt???Jakob Disease: Clinical, Pathologic, and Neuroimaging Findings. Journal of Neuro-Ophthalmology, 2001, 21, 99-102.	0.8	38
64	Acute Sensorimotor Polyneuropathy With Tonic Pupils and an Abduction Deficit. Survey of Ophthalmology, 1999, 43, 341-344.	4.0	19
65	The fragmented neuronal Golgi apparatus in amyotrophic lateral sclerosis includes the trans-Golgi-network: functional implications. Acta Neuropathologica, 1998, 95, 245-253.	7.7	71
66	Cloning and Sequence Analysis of the Human MG160, a Fibroblast Growth Factor and E-Selectin Binding Membrane Sialoglycoprotein of the Golgi Apparatus. DNA and Cell Biology, 1996, 15, 1121-1128.	1.9	34
67	The Golgi apparatus of spinal cord motor neurons in transgenic mice expressing mutant Cu,Zn superoxide dismutase becomes fragmented in early, preclinical stages of the disease.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 5472-5477.	7.1	210
68	MG-160, a Sialoglycoprotein of the Medial Cisternae of the Golgi Apparatus, Is Closely Related to a Receptor of Fibroblast Growth Factors and to a Ligand for E-Selectin. Functional Implications. , 1996, , 81-91.		0
69	On the Significance and Reproducibility of the Fragmentation of the Golgi Apparatus of Motor Neurons in Human Spinal Cords. Journal of Neuropathology and Experimental Neurology, 1995, 54, 331-338.	1.7	5
70	Assignment of the GLG1 Gene for MG-160, a Fibroblast Growth Factor and E-Selectin Binding Membrane Sialoglycoprotein of the Golgi Apparatus, to Chromosome 16q22-q23 by Fluorescence in Situ Hybridization. Genomics, 1995, 28, 354-355.	2.9	23