Paul N Valdmanis

List of Publications by Year
in descending order

47	6,124	201575 27	214721 47
papers	citations	h-index	g-index

49	49	49	7644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progress in Amyotrophic Lateral Sclerosis Gene Discovery. Neurology: Genetics, 2022, 8, .	0.9	15
2	Expression of an alternatively spliced variant of SORL1 in neuronal dendrites is decreased in patients with Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2021, 9, 43.	2.4	7
3	Characterizing nucleotide variation and expansion dynamics in human-specific variable number tandem repeats. Genome Research, 2021, 31, 1313-1324.	2.4	15
4	Human Induced Pluripotent Stem Cell-Derived TDP-43 Mutant Neurons Exhibit Consistent Functional Phenotypes Across Multiple Gene Edited Lines Despite Transcriptomic and Splicing Discrepancies. Frontiers in Cell and Developmental Biology, 2021, 9, 728707.	1.8	13
5	Endogenous MicroRNA Competition as a Mechanism of shRNA-Induced Cardiotoxicity. Molecular Therapy - Nucleic Acids, 2020, 19, 572-580.	2.3	4
6	Evolution of a Human-Specific Tandem Repeat Associated with ALS. American Journal of Human Genetics, 2020, 107, 445-460.	2.6	39
7	Prophylactic In Vivo Hematopoietic Stem Cell Gene Therapy with an Immune Checkpoint Inhibitor Reverses Tumor Growth in Syngeneic Mouse Tumor Models. Cancer Research, 2020, 80, 549-560.	0.4	12
8	Tracking Adeno-Associated Virus Capsid Evolution by High-Throughput Sequencing. Human Gene Therapy, 2020, 31, 553-564.	1.4	19
9	A Complete Pipeline for Isolating and Sequencing MicroRNAs, and Analyzing Them Using Open Source Tools. Journal of Visualized Experiments, 2019, , .	0.2	2
10	Alternative splicing in a presenilin 2 variant associated with Alzheimer disease. Annals of Clinical and Translational Neurology, 2019, 6, 762-777.	1.7	29
11	A tRNA-Derived Small RNA Regulates Ribosomal Protein S28 Protein Levels after Translation Initiation in Humans and Mice. Cell Reports, 2019, 29, 3816-3824.e4.	2.9	52
12	miR-122 removal in the liver activates imprinted microRNAs and enables more effective microRNA-mediated gene repression. Nature Communications, 2018, 9, 5321.	5.8	48
13	Future of rAAV Gene Therapy: Platform for RNAi, Gene Editing, and Beyond. Human Gene Therapy, 2017, 28, 361-372.	1.4	40
14	RNA interferenceâ€“induced hepatotoxicity results from loss of the first synthesized isoform of microRNA-122 in mice. Nature Medicine, 2016, 22, 557-562.	15.2	32
15	From animal models to human disease: a genetic approach for personalized medicine in ALS. Acta Neuropathologica Communications, 2016, 4, 70.	2.4	115
16	Upregulation of the microRNA cluster at the Dlk1-Dio3 locus in lung adenocarcinoma. Oncogene, 2015, 34, 94-103.	2.6	46
17	Promoterless gene targeting without nucleases ameliorates haemophilia B in mice. Nature, 2015, 517, 360-364.	13.7	226
18	Regulation of microRNA-mediated gene silencing by microRNA precursors. Nature Structural and Molecular Biology, 2014, 21, 825-832.	3.6	23

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19	The Expanding Repertoire of Circular RNAs. Molecular Therapy, 2013, 21, 1112-1114.	3.7	28
20	Investigating the contribution of VAPB/ALS8 loss of function in amyotrophic lateral sclerosis. Human Molecular Genetics, 2013, 22, 2350-2360.	1.4	75
21	rAAV-Mediated Tumorigenesis: Still Unresolved After an AAV Assault. Molecular Therapy, 2012, 20, 2014-2017.	3.7	33
22	Expression determinants of mammalian argonaute proteins in mediating gene silencing. Nucleic Acids Research, 2012, 40, 3704-3713.	6.5	35
23	The Loop Position of shRNAs and Pre-miRNAs Is Critical for the Accuracy of Dicer Processing InÂVivo. Cell, 2012, 151, 900-911.	13.5	266
24	A mutation in the RNF170 gene causes autosomal dominant sensory ataxia. Brain, 2011, 134, 602-607.	3.7	32
25	Resequencing of 29 Candidate Genes in Patients With Familial and Sporadic Amyotrophic Lateral Sclerosis. Archives of Neurology, 2011, 68, 587-93.	4.9	52
26	Four familial ALS pedigrees discordant for two SOD1 mutations: are all SOD1 mutations pathogenic?. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 572-577.	0.9	57
27	Integrative geneâ€“tissue microarray-based approach for identification of human disease biomarkers: application to amyotrophic lateral sclerosis. Human Molecular Genetics, 2010, 19, 3233-3253.	1.4	58
28	Analysis ofDPP6andFGGYas candidate genes for amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 389-391.	2.3	18
29	No TARDBP Mutations in a French Canadian Population of Patients With Parkinson Disease. Archives of Neurology, 2009, 66, 281-2.	4.9	12
30	The proportion of mutations predicted to have a deleterious effect differs between gain and loss of function genes in neurodegenerative disease. Human Mutation, 2009, 30, E481-E489.	1.1	20
31	Recent advances in the genetics of amyotrophic lateral sclerosis. Current Neurology and Neuroscience Reports, 2009, 9, 198-205.	2.0	103
32	Amyotrophic Lateral Sclerosis: Genome-wide association studies in amyotrophic lateral sclerosis. European Journal of Human Genetics, 2009, 17, 137-138.	1.4	3
33	A Mutation that Creates a Pseudoexon in SOD1 Causes Familial ALS. Annals of Human Genetics, 2009, 73, 652-657.	0.3	32
34	A novel TYMP mutation in a French Canadian patient with mitochondrial neurogastrointestinal encephalomyopathy. Clinical Neurology and Neurosurgery, 2009, 111, 691-694.	0.6	18
35	Mutations in the FUS/TLS Gene on Chromosome 16 Cause Familial Amyotrophic Lateral Sclerosis. Science, 2009, 323, 1205-1208.	6.0	2,302
36	Autosomal dominant sensory ataxia: a neuroaxonal dystrophy. Acta Neuropathologica, 2008, 116, 331-336.	3.9	12

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37	TARDBP mutations in individuals with sporadic and familial amyotrophic lateral sclerosis. Nature Genetics, 2008, 40, 572-574.	9.4	1,371
38	ALS predisposition modifiers: Knock NOX, who's there? SOD1 mice still are. European Journal of Human Genetics, 2008, 16, 140-142.	1.4	11
39	Contribution of TARDBP mutations to sporadic amyotrophic lateral sclerosis. Journal of Medical Genetics, 2008, 46, 112-114.	1.5	162
40	Genetics of familial amyotrophic lateral sclerosis. Neurology, 2008, 70, 144-152.	1.5	189
41	50bp deletion in the promoter for superoxide dismutase 1 (SOD1) reduces SOD1 expression in vitro and may correlate with increased age of onset of sporadic amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2008, 9, 229-237.	2.3	29
42	A Novel Mutation in a Large French-Canadian Family with LGMD1B. Canadian Journal of Neurological Sciences, 2008, 35, 331-334.	0.3	12
43	A Locus for Primary Lateral Sclerosis on Chromosome 4ptel-4p16.1. Archives of Neurology, 2008, 65, 383-6.	4.9	12
44	Three Families With Amyotrophic Lateral Sclerosis and Frontotemporal Dementia With Evidence of Linkage to Chromosome 9p. Archives of Neurology, 2007, 64, 240.	4.9	111
45	Autosomal dominant primary lateral sclerosis. Neurology, 2007, 68, 1156-1157.	1.5	28
46	Mutations in the KIAA0196 Gene at the SPG8 Locus Cause Hereditary Spastic Paraplegia. American Journal of Human Genetics, 2007, 80, 152-161.	2.6	168
47	Oxidized/misfolded superoxide dismutaseâ€1: the cause of all amyotrophic lateral sclerosis?. Annals of Neurology, 2007, 62, 553-559.	2.8	137