John M Ravits

List of Publications by Year
in descending order

42	7,695	218381	315357
papers	citations	26 h-index	38 g-index

46	46	46	8876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aberrant NOVA1 function disrupts alternative splicing in early stages of amyotrophic lateral sclerosis. Acta Neuropathologica, 2022, 144, 413-435.	3.9	11
2	Cross-Comparison of Human iPSC Motor Neuron Models of Familial and Sporadic ALS Reveals Early and Convergent Transcriptomic Disease Signatures. Cell Systems, 2021, 12, 159-175.e9.	2.9	33
3	Nucleolar stress in C9orf72 and sporadic ALS spinal motor neurons precedes TDP-43 mislocalization. Acta Neuropathologica Communications, 2021, 9, 26.	2.4	14
4	Novel STMN2 Variant Linked to Amyotrophic Lateral Sclerosis Risk and Clinical Phenotype. Frontiers in Aging Neuroscience, 2021, 13, 658226.	1.7	38
5	Unraveling molecular biology of C9ORF72 repeat expansions in amyotrophic lateral sclerosis-frontotemporal dementia: Implications for therapy. , 2021, , 19-47.		0
6	Nuclear depletion of RNA-binding protein ELAVL3 (HuC) in sporadic and familial amyotrophic lateral sclerosis. Acta Neuropathologica, 2021, 142, 985-1001.	3.9	12
7	Phase 1â€“2 Trial of Antisense Oligonucleotide Tofersen for SOD1 ALS. New England Journal of Medicine, 2020, 383, 109-119.	13.9	354
8	Reduced C9ORF72 function exacerbates gain of toxicity from ALS/FTD-causing repeat expansion in C9orf72. Nature Neuroscience, 2020, 23, 615-624.	7.1	157
9	Predicting disease specific spinal motor neurons and glia in sporadic ALS. Neurobiology of Disease, 2019, 130, 104523.	2.1	10
10	Pathogenic Mechanisms and Therapy Development for C9orf72 Amyotrophic Lateral Sclerosis/Frontotemporal Dementia. Neurotherapeutics, 2019, 16, 1115-1132.	2.1	30
11	Antisense RNA foci are associated with nucleoli and TDP-43 mislocalization in C9orf72-ALS/FTD: a quantitative study. Acta Neuropathologica, 2019, 137, 527-530.	3.9	21
12	Human genetics and neuropathology suggest a link between miR-218 and amyotrophic lateral sclerosis pathophysiology. Science Translational Medicine, 2019, 11, .	5.8	37
13	TDP-43 extracted from frontotemporal lobar degeneration subject brains displays distinct aggregate assemblies and neurotoxic effects reflecting disease progression rates. Nature Neuroscience, 2019, 22, 65-77.	7.1	143
14	Premature polyadenylation-mediated loss of stathmin-2 is a hallmark of TDP-43-dependent neurodegeneration. Nature Neuroscience, 2019, 22, 180-190.	7.1	345
15	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	3.8	517
16	Sense-encoded poly-GR dipeptide repeat proteins correlate to neurodegeneration and uniquely co-localize with TDP-43 in dendrites of repeat-expanded C9orf72 amyotrophic lateral sclerosis. Acta Neuropathologica, 2018, 135, 459-474.	3.9	152
17	Kinnier Wilsonâ€™s puzzling features of amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 657-666.	0.9	4
18	Transcriptomeâ€“pathology correlation identifies interplay between TDP-43 and the expression of its kinase CK1E in sporadic ALS. Acta Neuropathologica, 2018, 136, 405-423.	3.9	69

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19	Misfolded SOD1 is not a primary component of sporadic ALS. Acta Neuropathologica, 2017, 134, 97-111.	3.9	74
20	Pathological TDP-43 changes in Betz cells differ from those in bulbar and spinal Î±-motoneurons in sporadic amyotrophic lateral sclerosis. Acta Neuropathologica, 2017, 133, 79-90.	3.9	68
21	Modeling the neuroanatomic propagation of ALS in the spinal cord. AIP Conference Proceedings, 2017, , .	0.3	0
22	Modeling the neuroanatomic propagation of ALS in the spinal cord. AIP Conference Proceedings, 2017, , .	0.3	0
23	Distinct and shared functions of ALS-associated proteins TDP-43, FUS and TAF15 revealed by multisystem analyses. Nature Communications, 2016, 7, 12143.	5.8	137
24	Gain of Toxicity from ALS/FTD-Linked Repeat Expansions in C9ORF72 Is Alleviated by Antisense Oligonucleotides Targeting GGGGCC-Containing RNAs. Neuron, 2016, 90, 535-550.	3.8	437
25	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. Science, 2016, 353, 603-608.	6.0	448
26	Dysregulated mi <scp>RNA</scp> biogenesis downstream of cellular stress and <scp>ALS</scp> â€causing mutations: a new mechanism for <scp>ALS</scp>. EMBO Journal, 2015, 34, 2633-2651.	3.5	176
27	Amyotrophic lateral sclerosis: Is the spinal fluid pathway involved in seeding and spread?. Medical Hypotheses, 2015, 85, 576-583.	0.8	22
28	Neuropathology of Amyotrophic Lateral Sclerosis and Its Variants. Neurologic Clinics, 2015, 33, 855-876.	0.8	199
29	Amyotrophic lateral sclerosis onset is influenced by the burden of rare variants in known amyotrophic lateral sclerosis genes. Annals of Neurology, 2015, 77, 100-113.	2.8	171
30	Focality, stochasticity and neuroanatomic propagation in ALS pathogenesis. Experimental Neurology, 2014, 262, 121-126.	2.0	81
31	Targeting RNA Foci in iPSC-Derived Motor Neurons from ALS Patients with a C9ORF72 Repeat Expansion. Science Translational Medicine, 2013, 5, 208ra149.	5.8	586
32	Targeted degradation of sense and antisense C9orf72 RNA foci as therapy for ALS and frontotemporal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4530-9.	3.3	508
33	Deciphering amyotrophic lateral sclerosis: What phenotype, neuropathology and genetics are telling us about pathogenesis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 5-18.	1.1	142
34	Divergent roles of ALS-linked proteins FUS/TLS and TDP-43 intersect in processing long pre-mRNAs. Nature Neuroscience, 2012, 15, 1488-1497.	7.1	628
35	Sporadic ALS has compartment-specific aberrant exon splicing and altered cellâ€“matrix adhesion biology. Human Molecular Genetics, 2010, 19, 313-328.	1.4	114
36	ALS motor phenotype heterogeneity, focality, and spread. Neurology, 2009, 73, 805-811.	1.5	507

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37	Current and Future Directions in Genomics of Amyotrophic Lateral Sclerosis. Physical Medicine and Rehabilitation Clinics of North America, 2008, 19, 461-477.	0.7	4
38	Implications of ALS focality: Rostral-caudal distribution of lower motor neuron loss postmortem. Neurology, 2007, 68, 1576-1582.	1.5	142
39	Focality of upper and lower motor neuron degeneration at the clinical onset of ALS. Neurology, 2007, 68, 1571-1575.	1.5	270
40	Pathological TDP-43 distinguishes sporadic amyotrophic lateral sclerosis from amyotrophic lateral sclerosis withSOD1 mutations. Annals of Neurology, 2007, 61, 427-434.	2.8	840
41	Sporadic amyotrophic lateral sclerosis: A hypothesis of persistent (nonâ€lytic) enteroviral infection. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 77-87.	2.3	26
42	Aaem minimonograph #48: Autonomic nervous system testing. , 1997, 20, 919-937.		157