John Ravits

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	6,826 citations	257101 24 h-index	395343 33 g-index
36 all docs	36 docs citations	36 times ranked	8061 citing authors

#	Article	IF	Citations
1	Pathological TDP-43 distinguishes sporadic amyotrophic lateral sclerosis from amyotrophic lateral sclerosis withSOD1 mutations. Annals of Neurology, 2007, 61, 427-434.	2.8	840
2	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
3	Efficacy of minocycline in patients with amyotrophic lateral sclerosis: a phase III randomised trial. Lancet Neurology, The, 2007, 6, 1045-1053.	4.9	610
4	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
5	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
6	Controversies and priorities in amyotrophic lateral sclerosis. Lancet Neurology, The, 2013, 12, 310-322.	4.9	454
7	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. Science, 2016, 353, 603-608.	6.0	448
8	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
9	A Long-Term Follow-up Study of Patients with Post-Poliomyelitis Neuromuscular Symptoms. New England Journal of Medicine, 1986, 314, 959-963.	13.9	350
10	Premature polyadenylation-mediated loss of stathmin-2 is a hallmark of TDP-43-dependent neurodegeneration. Nature Neuroscience, 2019, 22, 180-190.	7.1	345
11	Neuropathology of Amyotrophic Lateral Sclerosis and Its Variants. Neurologic Clinics, 2015, 33, 855-876.	0.8	199
12	Reduced C9ORF72 function exacerbates gain of toxicity from ALS/FTD-causing repeat expansion in C9orf72. Nature Neuroscience, 2020, 23, 615-624.	7.1	157
13	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
14	Implications of ALS focality: Rostral-caudal distribution of lower motor neuron loss postmortem. Neurology, 2007, 68, 1576-1582.	1.5	142
15	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
16	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
17	Sporadic ALS has compartment-specific aberrant exon splicing and altered cellâ€“matrix adhesion biology. Human Molecular Genetics, 2010, 19, 313-328.	1.4	114
18	Focality, stochasticity and neuroanatomic propagation in ALS pathogenesis. Experimental Neurology, 2014, 262, 121-126.	2.0	81

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19	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
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	Aberrant Neuregulin 1 Signaling in Amyotrophic Lateral Sclerosis. Journal of Neuropathology and Experimental Neurology, 2012, 71, 104-115.	0.9	62
22	Lack of C9ORF72 coding mutations supports a gain of function for repeat expansions in amyotrophic lateral sclerosis. Neurobiology of Aging, 2013, 34, 2234.e13-2234.e19.	1.5	59
23	Clinical and electromyographic studies of postpoliomyelitis muscular atrophy. Muscle and Nerve, 1990, 13, 667-674.	1.0	44
24	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
25	Pathogenic Mechanisms and Therapy Development for C9orf72 Amyotrophic Lateral Sclerosis/Frontotemporal Dementia. Neurotherapeutics, 2019, 16, 1115-1132.	2.1	30
26	TDP-43 protein variants as biomarkers in amyotrophic lateral sclerosis. BMC Neuroscience, 2017, 18, 20.	0.8	27
27	An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. IScience, 2021, 24, 103221.	1.9	27
28	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
29	TDP-43 and ubiquitinated cytoplasmic aggregates in sporadic ALS are low frequency and widely distributed in the lower motor neuron columns independent of disease spread. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 321-327.	2.3	20
30	Nuclear RIPK1 promotes chromatin remodeling to mediate inflammatory response. Cell Research, 2022, 32, 621-637.	5.7	18
31	Predicting disease specific spinal motor neurons and glia in sporadic ALS. Neurobiology of Disease, 2019, 130, 104523.	2.1	10
32	Kinnier Wilsonâ€™s puzzling features of amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 657-666.	0.9	4
33	Delivering Bad News in Amyotrophic Lateral Sclerosis. Neurology: Clinical Practice, 2021, 11, 521-526.	0.8	3
34	Unraveling molecular biology of C9ORF72 repeat expansions in amyotrophic lateral sclerosis-frontotemporal dementia: Implications for therapy. , 2021, , 19-47.		0
35	Sleep Apnea in Familial Dysautonomia: A Reflection of Apnea Pathogenesis. Journal of Clinical Sleep Medicine, 2016, 12, 1583-1584.	1.4	0