

Decoding ALS: from genes to mechanism

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The FTD-ALS spectrum. , 0, , 68-81.		1
2	C9orf72 Dipeptide Repeats Impair the Assembly, Dynamics, and Function of Membrane-Less Organelles. Cell, 2016, 167, 774-788.e17.	13.5	577
3	Genetic analysis of the SOD1 and C9ORF72 genes in Hungarian patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2017, 53, 195.e1-195.e5.	1.5	17
4	A PR plug for the nuclear pore in amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1445-1447.	3.3	6
5	A Boronic Acid Conjugate of Angiogenin that Shows ROSâ€Responsive Neuroprotective Activity. Angewandte Chemie - International Edition, 2017, 56, 2619-2622.	7.2	53
6	Tdp-43 cryptic exons are highly variable between cell types. Molecular Neurodegeneration, 2017, 12, 13.	4.4	63
7	A Boronic Acid Conjugate of Angiogenin that Shows ROSâ€Responsive Neuroprotective Activity. Angewandte Chemie, 2017, 129, 2663-2666.	1.6	22
8	Therapeutic reduction of ataxin-2 extends lifespan and reduces pathology in TDP-43 mice. Nature, 2017, 544, 367-371.	13.7	422
9	Elevated Levels of Selenium Species in Cerebrospinal Fluid of Amyotrophic Lateral Sclerosis Patients with Disease-Associated Gene Mutations. Neurodegenerative Diseases, 2017, 17, 171-180.	0.8	46
10	Modelling amyotrophic lateral sclerosis: progress and possibilities. DMM Disease Models and Mechanisms, 2017, 10, 537-549.	1.2	156
11	Endothelial and Astrocytic Support by Human Bone Marrow Stem Cell Grafts into Symptomatic ALS Mice towards Blood-Spinal Cord Barrier Repair. Scientific Reports, 2017, 7, 884.	1.6	37
12	Supersaturated proteins in ALS. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5065-5066.	3.3	7
13	Single-Cell RNA Sequencing: Unraveling the Brain One Cell at a Time. Trends in Molecular Medicine, 2017, 23, 563-576.	3.5	111
14	Cord blood as a potential therapeutic for amyotrophic lateral sclerosis. Expert Opinion on Biological Therapy, 2017, 17, 837-851.	1.4	8
15	Outdoor Ambient Air Pollution and Neurodegenerative Diseases: the Neuroinflammation Hypothesis. Current Environmental Health Reports, 2017, 4, 166-179.	3.2	142
16	Optineurin in amyotrophic lateral sclerosis: Multifunctional adaptor protein at the crossroads of different neuroprotective mechanisms. Progress in Neurobiology, 2017, 154, 1-20.	2.8	79
17	Evidence that C9ORF72 Dipeptide Repeat Proteins Associate with U2 snRNP to Cause Mis-splicing in ALS/FTD Patients. Cell Reports, 2017, 19, 2244-2256.	2.9	82
18	The UPR ER : Sensor and Coordinator of Organismal Homeostasis. Molecular Cell, 2017, 66, 761-771.	4.5	227

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19	Cross- β^2 polymerization and hydrogel formation by low-complexity sequence proteins. <i>Methods</i> , 2017, 126, 3-11.	1.9	19
20	Modeling the <i>C9ORF72</i> repeat expansion mutation using human induced pluripotent stem cells. <i>Brain Pathology</i> , 2017, 27, 518-524.	2.1	9
21	Astrocytes in a dish: Using pluripotent stem cells to model neurodegenerative and neurodevelopmental disorders. <i>Brain Pathology</i> , 2017, 27, 530-544.	2.1	5
22	Parsing disease-relevant protein modifications from epiphenomena: perspective on the structural basis of SOD1-mediated ALS. <i>Journal of Mass Spectrometry</i> , 2017, 52, 480-491.	0.7	20
23	RNA repeats put a freeze on cells. <i>Nature</i> , 2017, 546, 215-216.	13.7	6
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26	Huntington's Disease: Nuclear Gatekeepers Under Attack. <i>Neuron</i> , 2017, 94, 1-4.	3.8	20
27	Animal models for studying motor axon terminal paralysis and recovery. <i>Journal of Neurochemistry</i> , 2017, 142, 122-129.	2.1	18
28	Mutant TDP-43 within motor neurons drives disease onset but not progression in amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , 2017, 133, 907-922.	3.9	61
29	Spatially and temporally regulating translation via <i>scp</i> mRNA-binding proteins in cellular and neuronal function. <i>FEBS Letters</i> , 2017, 591, 1508-1525.	1.3	27
30	Disulfide cross-linked multimers of TDP-43 and spinal motoneuron loss in a TDP-43A315T ALS/FTD mouse model. <i>Scientific Reports</i> , 2017, 7, 14266.	1.6	18
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32	The roles of intrinsic disorder-based liquid-liquid phase transitions in the "Dr. Jekyll" "Mr. Hyde" behavior of proteins involved in amyotrophic lateral sclerosis and frontotemporal lobar degeneration. <i>Autophagy</i> , 2017, 13, 2115-2162.	4.3	48
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51	NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. <i>Free Radical Biology and Medicine</i> , 2017, 112, 387-396.	1.3	88
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