

Jeffrey D Rothstein

List of Publications by Year in descending order

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147
papers

38,377
citations

9756

73
h-index

10127

140
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153
all docs

153
docs citations

153
times ranked

30355
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hexanucleotide Repeat Expansion in C9ORF72 Is the Cause of Chromosome 9p21-Linked ALS-FTD. <i>Neuron</i> , 2011, 72, 257-268.	3.8	3,833
2	Knockout of Glutamate Transporters Reveals a Major Role for Astroglial Transport in Excitotoxicity and Clearance of Glutamate. <i>Neuron</i> , 1996, 16, 675-686.	3.8	2,332
3	Identification of a unique TCF- β -dependent molecular and functional signature in microglia. <i>Nature Neuroscience</i> , 2014, 17, 131-143.	7.1	2,056
4	Localization of neuronal and glial glutamate transporters. <i>Neuron</i> , 1994, 13, 713-725.	3.8	1,575
5	β -Lactam antibiotics offer neuroprotection by increasing glutamate transporter expression. <i>Nature</i> , 2005, 433, 73-77.	13.7	1,379
6	Selective loss of glial glutamate transporter GLT-1 in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 1995, 38, 73-84.	2.8	1,356
7	Oligodendroglia metabolically support axons and contribute to neurodegeneration. <i>Nature</i> , 2012, 487, 443-448.	13.7	1,287
8	From charcot to lou gehrig: deciphering selective motor neuron death in als. <i>Nature Reviews Neuroscience</i> , 2001, 2, 806-819.	4.9	1,264
9	Decreased Glutamate Transport by the Brain and Spinal Cord in Amyotrophic Lateral Sclerosis. <i>New England Journal of Medicine</i> , 1992, 326, 1464-1468.	13.9	1,125
10	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , 2021, 24, 312-325.	7.1	1,098
11	The C9orf72 repeat expansion disrupts nucleocytoplasmic transport. <i>Nature</i> , 2015, 525, 56-61.	13.7	835
12	Retrograde Viral Delivery of IGF-1 Prolongs Survival in a Mouse ALS Model. <i>Science</i> , 2003, 301, 839-842.	6.0	813
13	RNA Toxicity from the ALS/FTD C9ORF72 Expansion Is Mitigated by Antisense Intervention. <i>Neuron</i> , 2013, 80, 415-428.	3.8	785
14	C9orf72 nucleotide repeat structures initiate molecular cascades of disease. <i>Nature</i> , 2014, 507, 195-200.	13.7	779
15	Focal loss of the glutamate transporter EAAT2 in a transgenic rat model of SOD1 mutant-mediated amyotrophic lateral sclerosis (ALS). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1604-1609.	3.3	766
16	RAN proteins and RNA foci from antisense transcripts in C9ORF72 ALS and frontotemporal dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4968-77.	3.3	681
17	Aberrant RNA Processing in a Neurodegenerative Disease: the Cause for Absent EAAT2, a Glutamate Transporter, in Amyotrophic Lateral Sclerosis. <i>Neuron</i> , 1998, 20, 589-602.	3.8	642
18	Abnormal excitatory amino acid metabolism in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 1990, 28, 18-25.	2.8	604

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19	Current hypotheses for the underlying biology of amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2009, 65, S3-9.	2.8	583
20	An antisense oligonucleotide against SOD1 delivered intrathecally for patients with SOD1 familial amyotrophic lateral sclerosis: a phase 1, randomised, first-in-man study. <i>Lancet Neurology</i> , The, 2013, 12, 435-442.	4.9	534
21	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. <i>Neuron</i> , 2018, 97, 1268-1283.e6.	3.8	517
22	Glutamate Transporter Protein Subtypes Are Expressed Differentially during Rat CNS Development. <i>Journal of Neuroscience</i> , 1997, 17, 8363-8375.	1.7	499
23	Metabolic support of tumour-infiltrating regulatory T cells by lactic acid. <i>Nature</i> , 2021, 591, 645-651.	13.7	492
24	Degeneration and impaired regeneration of gray matter oligodendrocytes in amyotrophic lateral sclerosis. <i>Nature Neuroscience</i> , 2013, 16, 571-579.	7.1	485
25	Neuronal Regulation of Glutamate Transporter Subtype Expression in Astrocytes. <i>Journal of Neuroscience</i> , 1997, 17, 932-940.	1.7	475
26	Focal transplantation-based astrocyte replacement is neuroprotective in a model of motor neuron disease. <i>Nature Neuroscience</i> , 2008, 11, 1294-1301.	7.1	403
27	Human endogenous retrovirus-K contributes to motor neuron disease. <i>Science Translational Medicine</i> , 2015, 7, 307ra153.	5.8	369
28	Spectrin mutations cause spinocerebellar ataxia type 5. <i>Nature Genetics</i> , 2006, 38, 184-190.	9.4	346
29	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. <i>Cell Systems</i> , 2018, 6, 13-24.	2.9	327
30	Stress Granule Assembly Disrupts Nucleocytoplasmic Transport. <i>Cell</i> , 2018, 173, 958-971.e17.	13.5	303
31	Tau Protein Disrupts Nucleocytoplasmic Transport in Alzheimer's Disease. <i>Neuron</i> , 2018, 99, 925-940.e7.	3.8	302
32	Cyclooxygenase 2 inhibition protects motor neurons and prolongs survival in a transgenic mouse model of ALS. <i>Annals of Neurology</i> , 2002, 52, 771-778.	2.8	299
33	Regulation of the Glial Na ⁺ -Dependent Glutamate Transporters by Cyclic AMP Analogs and Neurons. <i>Molecular Pharmacology</i> , 1998, 53, 355-369.	1.0	292
34	Discovery of a Biomarker and Lead Small Molecules to Target r(GGGGCC)-Associated Defects in c9FTD/ALS. <i>Neuron</i> , 2014, 83, 1043-1050.	3.8	289
35	Variations in Promoter Activity Reveal a Differential Expression and Physiology of Glutamate Transporters by Glia in the Developing and Mature CNS. <i>Journal of Neuroscience</i> , 2007, 27, 6607-6619.	1.7	287
36	Mutant Huntingtin Disrupts the Nuclear Pore Complex. <i>Neuron</i> , 2017, 94, 93-107.e6.	3.8	274

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37	C9ORF72 poly(GA) aggregates sequester and impair HR23 and nucleocytoplasmic transport proteins. <i>Nature Neuroscience</i> , 2016, 19, 668-677.	7.1	268
38	Hypoxia/ischemia causes abnormalities in glutamate transporters and death of astroglia and neurons in newborn striatum. <i>Annals of Neurology</i> , 1997, 42, 335-348.	2.8	264
39	Mutant SOD1 causes motor neuron disease independent of copper chaperone-mediated copper loading. <i>Nature Neuroscience</i> , 2002, 5, 301-307.	7.1	253
40	Modulation of the neuronal glutamate transporter EAAT4 by two interacting proteins. <i>Nature</i> , 2001, 410, 89-93.	13.7	234
41	Presynaptic Regulation of Astroglial Excitatory Neurotransmitter Transporter GLT1. <i>Neuron</i> , 2009, 61, 880-894.	3.8	215
42	Glutamate transporter gene expression in amyotrophic lateral sclerosis motor cortex. <i>Annals of Neurology</i> , 1996, 39, 676-679.	2.8	214
43	Rodent Models of Amyotrophic Lateral Sclerosis. <i>Current Protocols in Pharmacology</i> , 2015, 69, 5.67.1-5.67.21.	4.0	209
44	Modulation of the neuronal glutamate transporter EAAC1 by the interacting protein GTRAP3-18. <i>Nature</i> , 2001, 410, 84-88.	13.7	208
45	Molecular comparison of GLT1 and ALDH1L1 astrocytes <i>in vivo</i> in astroglial reporter mice. <i>Glia</i> , 2011, 59, 200-207.	2.5	201
46	Advances in treating amyotrophic lateral sclerosis: insights from pathophysiological studies. <i>Trends in Neurosciences</i> , 2014, 37, 433-442.	4.2	186
47	Neuroprotective Strategies in a Model of Chronic Glutamate-Mediated Motor Neuron Toxicity. <i>Journal of Neurochemistry</i> , 1995, 65, 643-651.	2.1	184
48	Traumatic Brain Injury Down-Regulates Glial Glutamate Transporter (GLT1 and GLAST) Proteins in Rat Brain. <i>Journal of Neurochemistry</i> , 1998, 70, 2020-2027.	2.1	182
49	Poly(GP) proteins are a useful pharmacodynamic marker for C9ORF72-associated amyotrophic lateral sclerosis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	179
50	Human Stem Cell-Derived Spinal Cord Astrocytes with Defined Mature or Reactive Phenotypes. <i>Cell Reports</i> , 2013, 4, 1035-1048.	2.9	175
51	The expanding biology of the C9orf72 nucleotide repeat expansion in neurodegenerative disease. <i>Nature Reviews Neuroscience</i> , 2016, 17, 383-395.	4.9	173
52	Edaravone: A new drug approved for ALS. <i>Cell</i> , 2017, 171, 725.	13.5	150
53	Concordant but Varied Phenotypes among Duchenne Muscular Dystrophy Patient-Specific Myoblasts Derived using a Human iPSC-Based Model. <i>Cell Reports</i> , 2016, 15, 2301-2312.	2.9	141
54	Differential synaptic localization of the glutamate transporter EAAC1 and glutamate receptor subunit gluR2 in the rat hippocampus. , 2000, 418, 255-269.		138

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55	Distribution of Glutamate Transporter Subtypes During Human Brain Development. <i>Journal of Neurochemistry</i> , 1997, 69, 2571-2580.	2.1	135
56	Alterations in Glutamate Transporter Protein Levels in Kindling-Induced Epilepsy. <i>Journal of Neurochemistry</i> , 1997, 68, 1564-1570.	2.1	124
57	Regional Deafferentation Down-Regulates Subtypes of Glutamate Transporter Proteins. <i>Journal of Neurochemistry</i> , 1995, 65, 2800-2803.	2.1	122
58	Endogenous Benzodiazepine Receptor Ligands in Human and Animal Hepatic Encephalopathy. <i>Journal of Neurochemistry</i> , 1990, 55, 2015-2023.	2.1	121
59	Inhibition of cyclooxygenase-2 protects motor neurons in an organotypic model of amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2000, 48, 792-795.	2.8	118
60	Long-term survival of participants in the <scp>CENTAUR</scp> trial of sodium phenylbutyrate-aurursodiol in <scp>amyotrophic lateral sclerosis</scp>. <i>Muscle and Nerve</i> , 2021, 63, 31-39.	1.0	115
61	A phase II trial of talampanel in subjects with amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2010, 11, 266-271.	2.3	114
62	Intraparenchymal spinal cord delivery of adeno-associated virus IGF-1 is protective in the SOD1G93A model of ALS. <i>Brain Research</i> , 2007, 1185, 256-265.	1.1	112
63	Aberrant deposition of stress granule-resident proteins linked to C9orf72-associated TDP-43 proteinopathy. <i>Molecular Neurodegeneration</i> , 2019, 14, 9.	4.4	111
64	Mutations in the glutamate transporter EAAT2 gene do not cause abnormal EAAT2 transcripts in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 1998, 43, 645-653.	2.8	109
65	Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. <i>Neuron</i> , 2020, 106, 37-65.e5.	3.8	109
66	The Copper Chaperone CCS Is Abundant in Neurons and Astrocytes in Human and Rodent Brain. <i>Journal of Neurochemistry</i> , 1999, 72, 422-429.	2.1	107
67	CRISPR-Cas9 Screens Identify the RNA Helicase DDX3X as a Repressor of C9ORF72 (GGGGCC) _n Repeat-Associated Non-AUG Translation. <i>Neuron</i> , 2019, 104, 885-898.e8.	3.8	107
68	Excitatory amino acids in amyotrophic lateral sclerosis: An update. <i>Annals of Neurology</i> , 1991, 30, 224-225.	2.8	95
69	Climbing Fiber Activation of EAAT4 Transporters and Kainate Receptors in Cerebellar Purkinje Cells. <i>Journal of Neuroscience</i> , 2004, 24, 103-111.	1.7	92
70	Multimodal Actions of Neural Stem Cells in a Mouse Model of ALS: A Meta-Analysis. <i>Science Translational Medicine</i> , 2012, 4, 165ra164.	5.8	91
71	C9orf72 arginine-rich dipeptide repeat proteins disrupt karyopherin-mediated nuclear import. <i>ELife</i> , 2020, 9, .	2.8	91
72	G4C2 Repeat RNA Initiates a POM121-Mediated Reduction in Specific Nucleoporins in C9orf72 ALS/FTD. <i>Neuron</i> , 2020, 107, 1124-1140.e11.	3.8	88

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73	Harmine, a natural beta-carboline alkaloid, upregulates astroglial glutamate transporter expression. <i>Neuropharmacology</i> , 2011, 60, 1168-1175.	2.0	87
74	Non-synaptic Localization of the Glutamate Transporter EAAC1 in Cultured Hippocampal Neurons. <i>European Journal of Neuroscience</i> , 1997, 9, 1902-1910.	1.2	84
75	Cerebrospinal fluid content of diazepam binding inhibitor in chronic hepatic encephalopathy. <i>Annals of Neurology</i> , 1989, 26, 57-62.	2.8	82
76	Motor neuron disease, TDP-43 pathology, and memory deficits in mice expressing ALS/FTD-linked <i>UBQLN2</i> mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7580-E7589.	3.3	77
77	Epigenetic regulation of neuron-dependent induction of astroglial synaptic protein GLT1. <i>Glia</i> , 2010, 58, 277-286.	2.5	74
78	Purification and Characterization of Naturally Occurring Benzodiazepine Receptor Ligands in Rat and Human Brain. <i>Journal of Neurochemistry</i> , 1992, 58, 2102-2115.	2.1	71
79	Deficiency in monocarboxylate transporter 1 (MCT1) in mice delays regeneration of peripheral nerves following sciatic nerve crush. <i>Experimental Neurology</i> , 2015, 263, 325-338.	2.0	71
80	Zones of Enhanced Glutamate Release from Climbing Fibers in the Mammalian Cerebellum. <i>Journal of Neuroscience</i> , 2010, 30, 7290-7299.	1.7	70
81	Antibody Therapy Targeting RAN Proteins Rescues C9 ALS/FTD Phenotypes in C9orf72 Mouse Model. <i>Neuron</i> , 2020, 105, 645-662.e11.	3.8	70
82	Nuclear accumulation of CHMP7 initiates nuclear pore complex injury and subsequent TDP-43 dysfunction in sporadic and familial ALS. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	68
83	Answer ALS, a large-scale resource for sporadic and familial ALS combining clinical and multi-omics data from induced pluripotent cell lines. <i>Nature Neuroscience</i> , 2022, 25, 226-237.	7.1	66
84	Activity and protein localization of multiple glutamate transporters in gestation day 14 vs. day 20 rat placenta. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C603-C614.	2.1	65
85	MCT1 Deletion in Oligodendrocyte Lineage Cells Causes Late-Onset Hypomyelination and Axonal Degeneration. <i>Cell Reports</i> , 2021, 34, 108610.	2.9	65
86	Molecularly defined cortical astroglia subpopulation modulates neurons via secretion of Norrin. <i>Nature Neuroscience</i> , 2019, 22, 741-752.	7.1	64
87	Stereotyped spatial patterns of functional synaptic connectivity in the cerebellar cortex. <i>ELife</i> , 2016, 5, .	2.8	61
88	The role of mutations associated with familial neurodegenerative disorders on blood-brain barrier function in an iPSC model. <i>Fluids and Barriers of the CNS</i> , 2019, 16, 20.	2.4	51
89	Motor neuron-derived microRNAs cause astrocyte dysfunction in amyotrophic lateral sclerosis. <i>Brain</i> , 2018, 141, 2561-2575.	3.7	50
90	Molecular cloning and expression of the rat EAAT4 glutamate transporter subtype. <i>Molecular Brain Research</i> , 1998, 63, 174-179.	2.5	49

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91	TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. <i>ELife</i> , 2020, 9, .	2.8	48
92	Astrocyte Diversity: Current Insights and Future Directions. <i>Neurochemical Research</i> , 2020, 45, 1298-1305.	1.6	47
93	Monocarboxylate transporter 1 in Schwann cells contributes to maintenance of sensory nerve myelination during aging. <i>Glia</i> , 2020, 68, 161-177.	2.5	46
94	Association of Variants in the <i>SPTLC1</i> Gene With Juvenile Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2021, 78, 1236.	4.5	46
95	Safety, Pharmacokinetic, and Functional Effects of the Nogo-A Monoclonal Antibody in Amyotrophic Lateral Sclerosis: A Randomized, First-In-Human Clinical Trial. <i>PLoS ONE</i> , 2014, 9, e97803.	1.1	45
96	A Comprehensive Library of Familial Human Amyotrophic Lateral Sclerosis Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0118266.	1.1	45
97	Therapeutic immunization with a glatiramer acetate derivative does not alter survival in G93A and G37R SOD1 mouse models of familial ALS. <i>Neurobiology of Disease</i> , 2007, 26, 146-152.	2.1	44
98	A Helicase Unwinds Hexanucleotide Repeat RNA G-Quadruplexes and Facilitates Repeat-Associated Non-AUG Translation. <i>Journal of the American Chemical Society</i> , 2021, 143, 7368-7379.	6.6	43
99	Amyotrophic lateral sclerosis care and research in the United States during the COVID-19 pandemic: Challenges and opportunities. <i>Muscle and Nerve</i> , 2020, 62, 182-186.	1.0	42
100	Nuclear export and translation of circular repeat-containing intronic RNA in C9ORF72-ALS/FTD. <i>Nature Communications</i> , 2021, 12, 4908.	5.8	41
101	Mitochondrial abnormalities and low grade inflammation are present in the skeletal muscle of a minority of patients with amyotrophic lateral sclerosis; an observational myopathology study. <i>Acta Neuropathologica Communications</i> , 2014, 2, 165.	2.4	40
102	Ribonuclease recruitment using a small molecule reduced c9ALS/FTD r(G ₄ C ₂) _n Tj ETQq0,0,0 rgBT /Overlock 1	5.8	39
103	GLT-1 promoter activity in astrocytes and neurons of mouse hippocampus and somatic sensory cortex. <i>Frontiers in Neuroanatomy</i> , 2010, 3, 31.	0.9	37
104	Effect of sodium phenylbutyrate/taurursodiol on tracheostomy/ventilation-free survival and hospitalisation in amyotrophic lateral sclerosis: long-term results from the CENTAUR trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 871-875.	0.9	37
105	Analysis of cerebellar Purkinje cells using EAAT4 glutamate transporter promoter reporter in mice generated via bacterial artificial chromosome-mediated transgenesis. <i>Experimental Neurology</i> , 2007, 203, 205-212.	2.0	35
106	Spatial and temporal changes in promoter activity of the astrocyte glutamate transporter GLT1 following traumatic spinal cord injury. <i>Journal of Neuroscience Research</i> , 2011, 89, 1001-1017.	1.3	35
107	The astrocytic transporter SLC7A10 (Asc-1) mediates glycinergic inhibition of spinal cord motor neurons. <i>Scientific Reports</i> , 2016, 6, 35592.	1.6	34
108	Absence of Survival and Motor Deficits in 500 Repeat C9ORF72 BAC Mice. <i>Neuron</i> , 2020, 108, 775-783.e4.	3.8	33

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109	Nuclear pore complexes â€” a doorway to neural injury in neurodegeneration. <i>Nature Reviews Neurology</i> , 2022, 18, 348-362.	4.9	33
110	Identification of Therapeutic Targets for Amyotrophic Lateral Sclerosis Using PandaOmics â€” An AI-Enabled Biological Target Discovery Platform. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	32
111	Localization of the high-affinity glutamate transporter EAAC1 in rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, F1023-F1029.	1.3	30
112	c9orf72 Disease-Related Foci Are Each Composed of One Mutant Expanded Repeat RNA. <i>Cell Chemical Biology</i> , 2017, 24, 141-148.	2.5	29
113	FGF family members differentially regulate maturation and proliferation of stem cell-derived astrocytes. <i>Scientific Reports</i> , 2019, 9, 9610.	1.6	29
114	Macrophage monocarboxylate transporter 1 promotes peripheral nerve regeneration after injury in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	29
115	The transcription factor Pax6 contributes to the induction of GLTâ€”1 expression in astrocytes through an interaction with a distal enhancer element. <i>Journal of Neurochemistry</i> , 2016, 136, 262-275.	2.1	28
116	An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. <i>IScience</i> , 2021, 24, 103221.	1.9	27
117	Generation of <sc>GFAP::GFP</sc> astrocyte reporter lines from human adult fibroblastâ€”derived i<sc>PS</sc> cells using zincâ€”finger nuclease technology. <i>Glia</i> , 2016, 64, 63-75.	2.5	26
118	Glutamate transport in cultures from developing avian cerebellum: Presence of GLT-1 immunoreactivity in Purkinje neurons. <i>Journal of Neuroscience Research</i> , 1998, 54, 595-603.	1.3	25
119	Increased expression of glutamate transporter GLT-1 in peritumoral tissue associated with prolonged survival and decreases in tumor growth in a rat model of experimental malignant glioma. <i>Journal of Neurosurgery</i> , 2013, 119, 878-886.	0.9	24
120	Loss of cerebellar glutamate transporters EAAT4 and GLAST differentially affects the spontaneous firing pattern and survival of Purkinje cells. <i>Human Molecular Genetics</i> , 2018, 27, 2614-2627.	1.4	22
121	Human nasal olfactory epithelium as a dynamic marker for CNS therapy development. <i>Experimental Neurology</i> , 2011, 232, 203-211.	2.0	21
122	Efficacy of local polymer-based and systemic delivery of the anti-glutamatergic agents riluzole and memantine in rat glioma models. <i>Journal of Neurosurgery</i> , 2014, 120, 854-863.	0.9	21
123	Posterior cerebellar Purkinje cells in an SCA5/SPARCA1 mouse model are especially vulnerable to the synergistic effect of loss of Î²-III spectrin and GLAST. <i>Human Molecular Genetics</i> , 2016, 25, ddw274.	1.4	21
124	Astroglia in Thick Tissue with Super Resolution and Cellular Reconstruction. <i>PLoS ONE</i> , 2016, 11, e0160391.	1.1	21
125	C9ORF72 -ALS/FTD: Transgenic Mice Make a Come-BAC. <i>Neuron</i> , 2016, 90, 427-431.	3.8	16
126	Astroglial transcriptome dysregulation in early disease of an ALS mutant SOD1 mouse model. <i>Journal of Neurogenetics</i> , 2017, 31, 37-48.	0.6	15

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127	Cortical astroglia undergo transcriptomic dysregulation in the G93A SOD1 ALS mouse model. <i>Journal of Neurogenetics</i> , 2018, 32, 322-335.	0.6	15
128	Benzodiazepine-receptor ligands and hepatic encephalopathy: A causal relationship?. <i>Hepatology</i> , 1994, 19, 248-250.	3.6	14
129	UPF1 reduces C9orf72 HRE-induced neurotoxicity in the absence of nonsense-mediated decay dysfunction. <i>Cell Reports</i> , 2021, 34, 108925.	2.9	14
130	RNA Is a Double-Edged Sword in ALS Pathogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 708181.	1.8	14
131	Quantitative analysis of EAAT4 promoter activity in neurons and astrocytes of mouse somatic sensory cortex. <i>Neuroscience Letters</i> , 2010, 474, 42-45.	1.0	13
132	Increased synthesis of pro-inflammatory cytokines in C9ORF72 patients. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021, 22, 517-527.	1.1	13
133	The ESCRT-III protein VPS4, but not CHMP4B or CHMP2B, is pathologically increased in familial and sporadic ALS neuronal nuclei. <i>Acta Neuropathologica Communications</i> , 2021, 9, 127.	2.4	11
134	Inhibition of cyclooxygenase-2 protects motor neurons in an organotypic model of amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2000, 48, 792-795.	2.8	7
135	Nuclear lamina invaginations are not a pathological feature of C9orf72 ALS/FTD. <i>Acta Neuropathologica Communications</i> , 2021, 9, 45.	2.4	6
136	MC-100093, a Novel β -Lactam Glutamate Transporter-1 Enhancer Devoid of Antimicrobial Properties, Attenuates Cocaine Relapse in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 378, 51-59.	1.3	6
137	Analyzing progression of motor and speech impairment in ALS. , 2019, 2019, 6097-6102.		5
138	Hydrogen peroxide triggers an increase in cell surface expression of system xc ⁻ in cultured human glioma cells. <i>Neurochemistry International</i> , 2020, 134, 104648.	1.9	4
139	3D Printer Generated Tissue iMolds for Cleared Tissue Using Single- and Multi-Photon Microscopy for Deep Tissue Evaluation. <i>Biological Procedures Online</i> , 2017, 19, 7.	1.4	3
140	Differential synaptic localization of the glutamate transporter EAAC1 and glutamate receptor subunit gluR2 in the rat hippocampus. , 2000, 418, 255.		3
141	Benzodiazepine-receptor ligands and hepatic encephalopathy: A causal relationship?. <i>Hepatology</i> , 1994, 19, 248-250.	3.6	2
142	ALS - Motor Neuron Disease: Mechanism and Development of New Therapies. <i>Journal of Visualized Experiments</i> , 2007, , 245.	0.2	1
143	John W. α Jack α -Griffin, MD. <i>Annals of Neurology</i> , 2011, 69, A11-A13.	2.8	1
144	ISDN2014_0027: REMOVED: Identification of a unique molecular and functional microglia signature in health and disease. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 5-5.	0.7	1

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145	Polyadenylated RNA and RNA-Binding Proteins Exhibit Unique Response to Hyperosmotic Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 809859.	1.8	1
146	Nuclei Isolation and Super-Resolution Structured Illumination Microscopy for Examining Nucleoporin Alterations in Human Neurodegeneration. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
147	Tau Protein Disrupts Nucleocytoplasmic Transport in Alzheimerrs Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0