## Mutations of optineurin in amyotrophic lateral sclerosi

Nature 465, 223-226 DOI: 10.1038/nature08971

Citation Report

#	Article	IF	CITATIONS
1	Identifying HLA supertypes by learning distance functions. Bioinformatics, 2007, 23, e148-e155.	1.8	45
2	Amyotrophic lateral sclerosis: current practice and future treatments. Current Opinion in Neurology, 2010, 23, 524-529.	1.8	20
3	Current World Literature. Current Opinion in Neurology, 2010, 23, 541-552.	1.8	0
4	Discovering the connection between familial and sporadic amyotrophic lateral sclerosis: pathology trumps genetics. Future Neurology, 2010, 5, 625-628.	0.9	2
5	Towards a unifying, systems biology understanding of large-scale cellular death and destruction caused by poorly liganded iron: Parkinson's, Huntington's, Alzheimer's, prions, bactericides, chemical toxicology and others as examples. Archives of Toxicology, 2010, 84, 825-889.	1.9	330
6	Optineurin, a multifunctional protein involved in glaucoma, amyotrophic lateral sclerosis and antiviral signalling. Journal of Biosciences, 2010, 35, 501-505.	0.5	12
7	TDP-43 and FUS in amyotrophic lateral sclerosis and frontotemporal dementia. Lancet Neurology, The, 2010, 9, 995-1007.	4.9	816
8	A quantitatively-modeled homozygosity mapping algorithm, qHomozygosityMapping, utilizing whole genome single nucleotide polymorphism genotyping data. BMC Bioinformatics, 2010, 11, S5.	1.2	9
9	Quantification of cystatin C in cerebrospinal fluid from various neurological disorders and correlation with G73A polymorphism in CST3. Brain Research, 2010, 1361, 140-145.	1.1	26
10	Characterization of the Properties of a Novel Mutation in VAPB in Familial Amyotrophic Lateral Sclerosis. Journal of Biological Chemistry, 2010, 285, 40266-40281.	1.6	136
11	Systemic transplantation of c-kit+ cells exerts a therapeutic effect in a model of amyotrophic lateral sclerosis. Human Molecular Genetics, 2010, 19, 3782-3796.	1.4	66
12	Does Huntingtin play a role in selective macroautophagy?. Cell Cycle, 2010, 9, 3401-3413.	1.3	68
13	An estimate of amyotrophic lateral sclerosis heritability using twin data. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 1324-1326.	0.9	270
14	Optic nerve genetics—more than meets the eye. Nature Reviews Neurology, 2010, 6, 357-358.	4.9	7
15	Segmental copy-number gain within the region of isopentenyl diphosphate isomerase genes in sporadic amyotrophic lateral sclerosis. Biochemical and Biophysical Research Communications, 2010, 402, 438-442.	1.0	17
16	Granins as disease-biomarkers: translational potential for psychiatric and neurological disorders. Neuroscience, 2010, 170, 289-297.	1.1	55
17	Mutations in UBQLN2 cause dominant X-linked juvenile and adult-onset ALS and ALS/dementia. Nature, 2011, 477, 211-215.	13.7	1,016
18	Polyubiquitin Binding to Optineurin Is Required for Optimal Activation of TANK-binding Kinase 1 and Production of Interferon Î <sup>2</sup> . Journal of Biological Chemistry, 2011, 286, 35663-35674.	1.6	152

ATION REDO

#	Article	IF	CITATIONS
19	Brainstem and spinal cord motor neuron involvement with optineurin inclusions in proximal-dominant hereditary motor and sensory neuropathy. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1402-1403.	0.9	17
20	Dysregulation of axonal transport and motorneuron diseases. Biology of the Cell, 2011, 103, 87-107.	0.7	29
21	Clinical genetics of amyotrophic lateral sclerosis: what do we really know?. Nature Reviews Neurology, 2011, 7, 603-615.	4.9	661
22	Peripherin partially localizes in Bunina bodies in amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2011, 302, 14-18.	0.3	24
23	Absence of the OPTN mutation in a patient with ALS and familial primary open angle glaucoma. Journal of the Neurological Sciences, 2011, 309, 16-17.	0.3	1
24	Molecular genetics in glaucoma. Experimental Eye Research, 2011, 93, 331-339.	1.2	118
25	Depletion of optineurin in RGC-5 cells derived from retinal neurons causes apoptosis and reduces the secretion of neurotrophins. Experimental Eye Research, 2011, 93, 669-680.	1.2	37
26	Tetranor PGDM analyses for the amyotrophic lateral sclerosis: Positive and simple diagnosis and evaluation of drug effect. Biochemical and Biophysical Research Communications, 2011, 415, 539-544.	1.0	7
27	Optineurin with amyotrophic lateral sclerosis-related mutations abrogates inhibition of interferon regulatory factor-3 activation. Neuroscience Letters, 2011, 505, 279-281.	1.0	29
28	On the development of markers for pathological TDP-43 in amyotrophic lateral sclerosis with and without dementia. Progress in Neurobiology, 2011, 95, 649-662.	2.8	47
29	Analysis of OPTN as a causative gene for amyotrophic lateral sclerosis. Neurobiology of Aging, 2011, 32, 555.e13-555.e14.	1.5	43
30	Screening of OPTN in French familial amyotrophic lateral sclerosis. Neurobiology of Aging, 2011, 32, 557.e11-557.e13.	1.5	68
31	Screening for OPTN mutations in amyotrophic lateral sclerosis in a mainly Caucasian population. Neurobiology of Aging, 2011, 32, 1923.e9-1923.e10.	1.5	20
32	Ataxin-2 intermediate-length polyglutamine: a possible risk factor for Chinese patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2011, 32, 1925.e1-1925.e5.	1.5	35
33	Mitochondria: The Next (Neurode)Generation. Neuron, 2011, 70, 1033-1053.	3.8	489
34	A Hexanucleotide Repeat Expansion in C9ORF72 Is the Cause of Chromosome 9p21-Linked ALS-FTD. Neuron, 2011, 72, 257-268.	3.8	3,833
35	Emerging drugs for amyotrophic lateral sclerosis. Expert Opinion on Emerging Drugs, 2011, 16, 537-558.	1.0	37
36	Molecular pathways of motor neuron injury in amyotrophic lateral sclerosis. Nature Reviews Neurology, 2011, 7, 616-630.	4.9	512

#	Article	IF	CITATIONS
37	Amyotrophic lateral sclerosis. Lancet, The, 2011, 377, 942-955.	6.3	2,182
38	High-Resolution Melting (HRM) Analysis of the Cu/Zn Superoxide Dismutase (SOD1) Gene in Japanese Sporadic Amyotrophic Lateral Sclerosis (SALS) Patients. Neurology Research International, 2011, 2011, 1-8.	0.5	9
39	Astroglial Inhibition of NF-κB Does Not Ameliorate Disease Onset and Progression in a Mouse Model for Amyotrophic Lateral Sclerosis (ALS). PLoS ONE, 2011, 6, e17187.	1.1	55
40	Hyperphosphorylation as a Defense Mechanism to Reduce TDP-43 Aggregation. PLoS ONE, 2011, 6, e23075.	1.1	88
41	Spinal Inhibitory Interneuron Pathology Follows Motor Neuron Degeneration Independent of Clial Mutant Superoxide Dismutase 1 Expression in SOD1-ALS Mice. Journal of Neuropathology and Experimental Neurology, 2011, 70, 662-677.	0.9	55
42	Differential Involvement of Optineurin in Amyotrophic Lateral Sclerosis With or Without <emph type="ital"&gt;SOD1 Mutations. Archives of Neurology, 2011, 68, 1057.</emph 	4.9	63
44	Optineurin in neurodegenerative diseases. Neuropathology, 2011, 31, 569-574.	0.7	102
45	Ubiquitin-like protein conjugation and the ubiquitin–proteasome system as drug targets. Nature Reviews Drug Discovery, 2011, 10, 29-46.	21.5	456
46	Genetic determinants of Paget's disease of bone. Annals of the New York Academy of Sciences, 2011, 1240, 53-60.	1.8	25
47	Mitochondrial optic neuropathies – Disease mechanisms and therapeutic strategies. Progress in Retinal and Eye Research, 2011, 30, 81-114.	7.3	514
48	Neuroinflammation in amyotrophic lateral sclerosis: role of glial activation in motor neuron disease. Lancet Neurology, The, 2011, 10, 253-263.	4.9	530
49	Understanding the role of TDP-43 and FUS/TLS in ALS and beyond. Current Opinion in Neurobiology, 2011, 21, 904-919.	2.0	308
50	Conjoint pathologic cascades mediated by ALS/FTLD-U linked RNA-binding proteins TDP-43 and FUS. Neurology, 2011, 77, 1636-1643.	1.5	69
51	Mitochondrial pathobiology in ALS. Journal of Bioenergetics and Biomembranes, 2011, 43, 569-579.	1.0	60
52	Optineurin is co-localized with FUS in basophilic inclusions of ALS with FUS mutation and in basophilic inclusion body disease. Acta Neuropathologica, 2011, 121, 555-557.	3.9	53
53	Optineurin inclusions occur in a minority of TDP-43 positive ALS and FTLD-TDP cases and are rarely observed in other neurodegenerative disorders. Acta Neuropathologica, 2011, 121, 519-527.	3.9	70
54	Clinicopathologic study on an ALS family with a heterozygous E478G optineurin mutation. Acta Neuropathologica, 2011, 122, 223-229.	3.9	60
55	p62 positive, TDP-43 negative, neuronal cytoplasmic and intranuclear inclusions in the cerebellum and hippocampus define the pathology of C9orf72-linked FTLD and MND/ALS. Acta Neuropathologica, 2011, 122, 691-702.	3.9	432

#	Article	IF	CITATIONS
56	Molecular pathology and genetic advances in amyotrophic lateral sclerosis: an emerging molecular pathway and the significance of glial pathology. Acta Neuropathologica, 2011, 122, 657-671.	3.9	134
57	Transgenic animal models of neurodegeneration based on human genetic studies. Journal of Neural Transmission, 2011, 118, 27-45.	1.4	38
58	SOD1 and TDP-43 animal models of amyotrophic lateral sclerosis: recent advances in understanding disease toward the development of clinical treatments. Mammalian Genome, 2011, 22, 420-448.	1.0	113
60	The role of lκB kinase complex in the neurobiology of Huntington's disease. Neurobiology of Disease, 2011, 43, 305-311.	2.1	42
61	Making Connections: Pathology and Genetics Link Amyotrophic Lateral Sclerosis with Frontotemporal Lobe Dementia. Journal of Molecular Neuroscience, 2011, 45, 663-675.	1.1	65
62	Research Advances in Amyotrophic Lateral Sclerosis, 2009 to 2010. Current Neurology and Neuroscience Reports, 2011, 11, 67-77.	2.0	43
63	Severe brain atrophy after long-term survival seen in siblings with familial amyotrophic lateral sclerosis and a mutation in the optineurin gene: a case series. Journal of Medical Case Reports, 2011, 5, 573.	0.4	6
64	Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. Annals of Neurology, 2011, 70, 964-973.	2.8	168
65	<i>SIGMAR1</i> mutations, genetic heterogeneity at the chromosome 9p locus, and the expanding etiological diversity of amyotrophic lateral sclerosis. Annals of Neurology, 2011, 70, 867-870.	2.8	8
66	Rab8 GTPase as a regulator of cell shape. Cytoskeleton, 2011, 68, 527-539.	1.0	89
67	Advances in Translational Research in Neuromuscular Diseases. Archives of Neurology, 2011, 68, 429.	4.9	2
68	New considerations in the design of clinical trials for amyotrophic lateral sclerosis. Clinical Investigation, 2011, 1, 1375-1389.	0.0	31
69	Genetic Mouse Models of Neurodegenerative Diseases. Progress in Molecular Biology and Translational Science, 2011, 100, 419-482.	0.9	37
70	A comprehensive assessment of the <i>SOD1G93A</i> low-copy transgenic mouse, which models human amyotrophic lateral sclerosis. DMM Disease Models and Mechanisms, 2011, 4, 686-700.	1.2	86
71	Amyotrophic Lateral Sclerosis: From Research to Therapeutic Attempts and Therapeutic Perspectives. Current Medicinal Chemistry, 2011, 18, 5655-5665.	1.2	38
72	Ataxin-2 intermediate-length polyglutamine expansions in European ALS patients. Human Molecular Genetics, 2011, 20, 1697-1700.	1.4	127
73	Genetics of Adult Glaucoma. International Ophthalmology Clinics, 2011, 51, 37-51.	0.3	6
74	The evolving biology of cell reprogramming. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2183-2197.	1.8	28

#	Article	IF	CITATIONS
75	Optinurin inclusions in proximal hereditary motor and sensory neuropathy (HMSN-P): familial amyotrophic lateral sclerosis with sensory neuronopathy?. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1299-1299.	0.9	3
76	Genetic therapy for the nervous system. Human Molecular Genetics, 2011, 20, R28-R41.	1.4	62
77	Impact of presymptomatic genetic testing for familial amyotrophic lateral sclerosis. Genetics in Medicine, 2011, 13, 342-348.	1.1	31
78	Rate of familial amyotrophic lateral sclerosis: a systematic review and meta-analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 623-627.	0.9	283
79	A functional variant in ZNF512B is associated with susceptibility to amyotrophic lateral sclerosis in Japanese. Human Molecular Genetics, 2011, 20, 3684-3692.	1.4	53
80	Resequencing of 29 Candidate Genes in Patients With Familial and Sporadic Amyotrophic Lateral Sclerosis. Archives of Neurology, 2011, 68, 587-93.	4.9	52
81	<emph type="ital">SQSTM1</emph> Mutations in Familial and Sporadic Amyotrophic Lateral Sclerosis. Archives of Neurology, 2011, 68, 1440.	4.9	569
82	Myosin VI and its binding partner optineurin are involved in secretory vesicle fusion at the plasma membrane. Molecular Biology of the Cell, 2011, 22, 54-65.	0.9	76
83	Genetics of primary glaucoma. Current Opinion in Ophthalmology, 2011, 22, 347-355.	1.3	80
84	Genetic Variation in <i>KIFAP3</i> Is Associated with an Upper Motor Neuron-Predominant Phenotype in Amyotrophic Lateral Sclerosis. Neurodegenerative Diseases, 2011, 8, 491-495.	0.8	17
85	Familial versus sporadic amyotrophic lateral sclerosisa false dichotomy?. Brain, 2011, 134, 3429-3434.	3.7	22
86	Linear polyubiquitin chains. Cell Cycle, 2011, 10, 3095-3104.	1.3	33
87	Processing of Optineurin in Neuronal Cells. Journal of Biological Chemistry, 2011, 286, 3618-3629.	1.6	78
88	Deregulation of TDP-43 in amyotrophic lateral sclerosis triggers nuclear factor κB–mediated pathogenic pathways. Journal of Experimental Medicine, 2011, 208, 2429-2447.	4.2	287
89	Protein Misdirection Inside and Outside Motor Neurons in Amyotrophic Lateral Sclerosis (ALS): A Possible Clue for Therapeutic Strategies. International Journal of Molecular Sciences, 2011, 12, 6980-7003.	1.8	19
90	A Yeast Model of FUS/TLS-Dependent Cytotoxicity. PLoS Biology, 2011, 9, e1001052.	2.6	191
91	The Heritability of Amyotrophic Lateral Sclerosis in a Clinically Ascertained United States Research Registry. PLoS ONE, 2011, 6, e27985.	1.1	57
92	TBK1 Mediates Crosstalk Between the Innate Immune Response and Autophagy. Science Signaling, 2011, 4, pe39.	1.6	131

#	Article	IF	CITATIONS
93	Molecular Motor Proteins and Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2011, 12, 9057-9082.	1.8	22
94	A Role for Myosin VI in the Localization of Axonal Proteins. PLoS Biology, 2011, 9, e1001021.	2.6	57
95	Genetic Rodent Models of Amyotrophic Lateral Sclerosis. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-11.	3.0	49
96	Novel optineurin mutations in patients with familial and sporadic amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1239-1243.	0.9	86
97	Cellular and Molecular Biology of Optineurin. International Review of Cell and Molecular Biology, 2012, 294, 223-258.	1.6	112
98	Aggrephagy: Selective Disposal of Protein Aggregates by Macroautophagy. International Journal of Cell Biology, 2012, 2012, 1-21.	1.0	363
99	Optineurin mutations in Japanese amyotrophic lateral sclerosis: Table 1. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 233-235.	0.9	35
100	Pathological Roles of Wild-Type Cu, Zn-Superoxide Dismutase in Amyotrophic Lateral Sclerosis. Neurology Research International, 2012, 2012, 1-6.	0.5	22
101	Amyotrophic lateral sclerosis: update and new developments. Degenerative Neurological and Neuromuscular Disease, 2012, 2012, 1.	0.7	62
102	<i>SQSTM1</i> mutations in frontotemporal lobar degeneration and amyotrophic lateral sclerosis. Neurology, 2012, 79, 1556-1562.	1.5	252
103	Whole-genome sequencing reveals a coding non-pathogenic variant tagging a non-coding pathogenic hexanucleotide repeat expansion in C9orf72 as cause of amyotrophic lateral sclerosis. Human Molecular Genetics, 2012, 21, 2412-2419.	1.4	33
104	Motor Neuron-specific Disruption of Proteasomes, but Not Autophagy, Replicates Amyotrophic Lateral Sclerosis. Journal of Biological Chemistry, 2012, 287, 42984-42994.	1.6	162
105	Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degeneration in Association With CADASIL. Neurologist, 2012, 18, 92-95.	0.4	5
106	Phenotype and genotype analysis in amyotrophic lateral sclerosis with <i>TARDBP</i> gene mutations. Neurology, 2012, 78, 1519-1526.	1.5	72
107	Potential utility of biomarkers in the diagnosis and treatment of amyotrophic lateral sclerosis. Clinical Investigation, 2012, 2, 107-117.	0.0	1
108	Toward an integrative view of Optineurin functions. Cell Cycle, 2012, 11, 2808-2818.	1.3	87
109	Motor Neuron Diseases. , 2012, , 801-814.		3
110	The molecular basis of the frontotemporal lobar degeneration–amyotrophic lateral sclerosis spectrum. Annals of Medicine, 2012, 44, 817-828.	1.5	157

#	Article	IF	CITATIONS
111	Slow development of ALS-like spinal cord pathology in mutant valosin-containing protein gene knock-in mice. Cell Death and Disease, 2012, 3, e374-e374.	2.7	65
112	TDP-43 promotes microRNA biogenesis as a component of the Drosha and Dicer complexes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3347-3352.	3.3	366
113	Amyotrophic Lateral Sclerosis: New Insights into Underlying Molecular Mechanisms and Opportunities for Therapeutic Intervention. Antioxidants and Redox Signaling, 2012, 17, 1277-1330.	2.5	58
114	Optineurin mediates negative regulation of Rab8 function by TBC1D17, a GTPase activating protein. Journal of Cell Science, 2012, 125, 5026-39.	1.2	53
115	Caenorhabditis elegans RNA-processing Protein TDP-1 Regulates Protein Homeostasis and Life Span. Journal of Biological Chemistry, 2012, 287, 8371-8382.	1.6	58
116	Drosophila Answers to TDP-43 Proteinopathies. Journal of Amino Acids, 2012, 2012, 1-13.	5.8	23
117	Dysregulation of the Autophagy-Endolysosomal System in Amyotrophic Lateral Sclerosis and Related Motor Neuron Diseases. Neurology Research International, 2012, 2012, 1-12.	0.5	54
118	Clinico-pathological features in amyotrophic lateral sclerosis with expansions in C9ORF72. Brain, 2012, 135, 751-764.	3.7	293
119	Identification of Pharmacological Targets in Amyotrophic Lateral Sclerosis Through Genomic Analysis of Deregulated Genes and Pathways. Current Genomics, 2012, 13, 321-333.	0.7	11
120	Biomarkers in Amyotrophic Lateral Sclerosis: Is There A Neurovascular Pathway?. Current Neurovascular Research, 2012, 9, 302-309.	0.4	5
121	Ask the Experts: Translating amyotrophic lateral sclerosis genetics to the clinic: implications for the patient. Neurodegenerative Disease Management, 2012, 2, 355-360.	1.2	0
122	Japanese Society of Internal Medicine, 2012, 101, 114b-115a.	0.0	0
125	TDP-43 and FUS RNA-binding Proteins Bind Distinct Sets of Cytoplasmic Messenger RNAs and Differently Regulate Their Post-transcriptional Fate in Motoneuron-like Cells. Journal of Biological Chemistry, 2012, 287, 15635-15647.	1.6	233
126	Endoplasmic Reticulum (ER) Stress in Amyotrophic Lateral Sclerosis (ALS). , 2012, , 323-337.		2
127	Phenotype difference between ALS patients with expanded repeats in <i>C9ORF72</i> and patients with mutations in other ALS-related genes. Journal of Medical Genetics, 2012, 49, 258-263.	1.5	157
128	Extensive genetics of ALS. Neurology, 2012, 79, 1983-1989.	1.5	145
129	Prevalence of Huntington's disease gene CAG repeat alleles in sporadic amyotrophic lateral sclerosis patients. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 265-269.	2.3	15
130	Ubiquitin-independent function of optineurin in autophagic clearance of protein aggregates. Journal of Cell Science, 2013, 126, 580-592.	1.2	268

#	Article	IF	CITATIONS
131	EED mutants impair polycomb repressive complex 2 in myelodysplastic syndrome and related neoplasms. Leukemia, 2012, 26, 2557-2560.	3.3	45
132	Co-aggregation of RNA binding proteins in ALS spinal motor neurons: evidence of a common pathogenic mechanism. Acta Neuropathologica, 2012, 124, 733-747.	3.9	111
133	ALS-Parkinsonism-Dementia complex of Kii and other related diseases in Japan. Parkinsonism and Related Disorders, 2012, 18, S190-S191.	1.1	17
134	Misregulated RNA processing in amyotrophic lateral sclerosis. Brain Research, 2012, 1462, 3-15.	1.1	150
135	Association of UBQLN1 mutation with Brown–Vialetto–Van Laere syndrome but not typical ALS. Neurobiology of Disease, 2012, 48, 391-398.	2.1	20
136	Sporadic Amyotrophic Lateral Sclerosis: Brief Pathogenic Review and a New Causal Hypothesis. Biocybernetics and Biomedical Engineering, 2012, 32, 17-32.	3.3	0
137	Genetic counseling for FTD/ALS caused by the C9ORF72 hexanucleotide expansion. Alzheimer's Research and Therapy, 2012, 4, 27.	3.0	35
138	Expanding the genetics of amyotrophic lateral sclerosis and frontotemporal dementia. Alzheimer's Research and Therapy, 2012, 4, 30.	3.0	6
139	Analysis of optineurin in frontotemporal lobar degeneration. Neurobiology of Aging, 2012, 33, 425.e1-425.e2.	1.5	13
140	Novel optineurin mutations in sporadic amyotrophic lateral sclerosis patients. Neurobiology of Aging, 2012, 33, 1016.e1-1016.e7.	1.5	46
141	A novel heterozygous nonsense mutation of the OPTN gene segregating in a Danish family with ALS. Neurobiology of Aging, 2012, 33, 208.e1-208.e5.	1.5	47
142	Mutation analysis of the optineurin gene in familial amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 210.e9-210.e10.	1.5	13
143	VCP mutations in familial and sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 837.e7-837.e13.	1.5	103
144	Screening of the SOD1, FUS, TARDBP, ANC, and OPTN mutations in Korean patients with familial and sporadic ALS. Neurobiology of Aging, 2012, 33, 1017.e17-1017.e23.	1.5	74
145	Novel deletion mutations of OPTN in amyotrophic lateral sclerosis in Japanese. Neurobiology of Aging, 2012, 33, 1843.e19-1843.e24.	1.5	37
146	C9ORF72 hexanucleotide repeat expansions in the Italian sporadic ALS population. Neurobiology of Aging, 2012, 33, 1848.e15-1848.e20.	1.5	76
147	High frequency of the expanded C9ORF72 hexanucleotide repeat in familial and sporadic Greek ALS patients. Neurobiology of Aging, 2012, 33, 1851.e1-1851.e5.	1.5	44
148	A hexanucleotide repeat expansion in C9ORF72 causes familial and sporadic ALS in Taiwan. Neurobiology of Aging, 2012, 33, 2232.e11-2232.e18.	1.5	52

#	Article	IF	CITATIONS
149	UBQLN2/ubiquilin 2 mutation and pathology in familial amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 2527.e3-2527.e10.	1.5	114
150	Screening for OPTN mutations in a cohort of British amyotrophic lateral sclerosis patients. Neurobiology of Aging, 2012, 33, 2948.e15-2948.e17.	1.5	18
151	Cell type-specific localization of optineurin in the striatal neurons of mice: implications for neuronal vulnerability in Huntington's disease. Neuroscience, 2012, 202, 363-370.	1.1	28
152	Alteration of protein folding and degradation in motor neuron diseases: Implications and protective functions of small heat shock proteins. Progress in Neurobiology, 2012, 97, 83-100.	2.8	66
153	Dysfunction of constitutive and inducible ubiquitin-proteasome system in amyotrophic lateral sclerosis: Implication for protein aggregation and immune response. Progress in Neurobiology, 2012, 97, 101-126.	2.8	129
154	The ubiquitin proteasome system in neurodegenerative diseases: Culprit, accomplice or victim?. Progress in Neurobiology, 2012, 96, 190-207.	2.8	112
155	The clinical and pathological phenotype of C9ORF72 hexanucleotide repeat expansions. Brain, 2012, 135, 723-735.	3.7	249
156	Plk1-Dependent Phosphorylation of Optineurin Provides a Negative Feedback Mechanism for Mitotic Progression. Molecular Cell, 2012, 45, 553-566.	4.5	77
157	Optineurin in Huntington's disease intranuclear inclusions. Neuroscience Letters, 2012, 506, 149-154.	1.0	40
158	The relationship between Bayesian motor unit number estimation and histological measurements of motor neurons in wild-type and SOD1G93A mice. Clinical Neurophysiology, 2012, 123, 2080-2091.	0.7	34
159	The genetics and neuropathology of amyotrophic lateral sclerosis. Acta Neuropathologica, 2012, 124, 339-352.	3.9	346
160	A novel monoclonal antibody reveals a conformational alteration shared by amyotrophic lateral sclerosisâ€kinked SOD1 mutants. Annals of Neurology, 2012, 72, 739-749.	2.8	65
161	A yeast model of optineurin proteinopathy reveals a unique aggregation pattern associated with cellular toxicity. Molecular Microbiology, 2012, 86, 1531-1547.	1.2	59
162	Autophagy receptors link myosinÂVI to autophagosomes to mediate Tom1-dependent autophagosome maturation and fusion with theÂlysosome. Nature Cell Biology, 2012, 14, 1024-1035.	4.6	238
163	Genetic association study of UCMA/GRP and OPTN genes (PDB6 locus) with Paget's disease of bone. Bone, 2012, 51, 720-728.	1.4	20
164	The 2013 version of the gene table of neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2012, 22, 1108-1135.	0.3	11
165	Effect of the 50 bp deletion polymorphism in the SOD1 promoter on SOD1 mRNA levels in Italian ALS patients. Journal of the Neurological Sciences, 2012, 313, 75-78.	0.3	12
166	Endoplasmic reticulum stress and the ER mitochondria calcium cycle in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 166-177.	2.3	67

#	ARTICLE	IF	CITATIONS
167	The distal hereditary motor neuropathies. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 6-14.	0.9	195
168	Regenerative Medicine of Neural Tissues. , 2012, , 285-323.		1
169	Gains or losses: molecular mechanisms of TDP43-mediated neurodegeneration. Nature Reviews Neuroscience, 2012, 13, 38-50.	4.9	568
170	Expression of Fused in sarcoma mutations in mice recapitulates the neuropathology of FUS proteinopathies and provides insight into disease pathogenesis. Molecular Neurodegeneration, 2012, 7, 53.	4.4	61
171	Neuromuscular effects of G93A-SOD1 expression in zebrafish. Molecular Neurodegeneration, 2012, 7, 44.	4.4	56
172	Mutational analysis of familial and sporadic amyotrophic lateral sclerosis with <i>OPTN</i> mutations in Japanese population. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 562-566.	2.3	19
173	Identification of Epigenetically Altered Genes in Sporadic Amyotrophic Lateral Sclerosis. PLoS ONE, 2012, 7, e52672.	1.1	132
174	Conserved Acidic Amino Acid Residues in a Second RNA Recognition Motif Regulate Assembly and Function of TDP-43. PLoS ONE, 2012, 7, e52776.	1.1	23
175	In Vivo and In Vitro Models to Study Amyotrophic Lateral Sclerosis. , 2012, , .		3
176	Protein Aggregates in Pathological Inclusions of Amyotrophic Lateral Sclerosis. , 2012, , .		10
177	Genetics of Familial Amyotrophic Lateral Sclerosis. , 2012, , .		0
178	Genetics of Amyotrophic Lateral Sclerosis. , 0, , .		0
179	The Astrocytic Contribution in ALS: Inflammation and Excitotoxicity. , 0, , .		0
180	Amyotrophic lateral sclerosis and other disorders of the lower motor neuron. , 0, , 136-147.		0
181	Advantages and Pitfalls in Experimental Models Of ALS. , 0, , .		2
182	Research advances in gene therapy approaches for the treatment of amyotrophic lateral sclerosis. Cellular and Molecular Life Sciences, 2012, 69, 1641-1650.	2.4	19
183	Pathogenesis of Paget Disease of Bone. Calcified Tissue International, 2012, 91, 97-113.	1.5	123
184	Optineurin immunoreactivity in neuronal nuclear inclusions of polyglutamine diseases (Huntington's,) Tj ETQ	913190.78	4314 rgBT /0

	CITATION	Report	
#	Article	IF	CITATIONS
185	Ubiquilin immunoreactivity in cytoplasmic and nuclear inclusions in synucleinopathies, polyglutamine diseases and intranuclear inclusion body disease. Acta Neuropathologica, 2012, 124, 149-151.	3.9	41
186	High frequency of the <i>TARDBP</i> p.Ala382Thr mutation in Sardinian patients with amyotrophic lateral sclerosis. Clinical Genetics, 2012, 81, 172-178.	1.0	42
187	Coupling biomarkers and drug action for neurodegenerative disease therapies: Does the nose know?. Experimental Neurology, 2012, 235, 508-512.	2.0	0
188	FUS-related proteinopathies: Lessons from animal models. Brain Research, 2012, 1462, 44-60.	1.1	54
189	Rodent models of TDP-43: Recent advances. Brain Research, 2012, 1462, 26-39.	1.1	99
190	Selective pattern of motor system damage in gamma-synuclein transgenic mice mirrors the respective pathology in amyotrophic lateral sclerosis. Neurobiology of Disease, 2012, 48, 124-131.	2.1	32
191	Neuropathology and omics in motor neuron diseases. Neuropathology, 2012, 32, 458-462.	0.7	16
192	An MND/ALS phenotype associated with <i>C9orf72</i> repeat expansion: Abundant p62â€positive, TDPâ€43â€negative inclusions in cerebral cortex, hippocampus and cerebellum but without associated cognitive decline. Neuropathology, 2012, 32, 505-514.	0.7	110
193	UBQLN2/P62 cellular recycling pathways in amyotrophic lateral sclerosis and frontotemporal dementia. Muscle and Nerve, 2012, 45, 157-162.	1.0	46
194	Inhibitory Synaptic Regulation of Motoneurons: A New Target of Disease Mechanisms in Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2012, 45, 30-42.	1.9	55
195	Optineurin is colocalized with ubiquitin in Marinesco bodies. Acta Neuropathologica, 2012, 123, 289-292.	3.9	8
196	New Insights Into the Role of Sequestosome 1/p62 Mutant Proteins in the Pathogenesis of Paget's Disease of Bone. Endocrine Reviews, 2013, 34, 501-524.	8.9	100
197	Clinical perspective on oxidative stress in sporadic amyotrophic lateral sclerosis. Free Radical Biology and Medicine, 2013, 65, 509-527.	1.3	269
198	Converging Mechanisms in ALS and FTD: Disrupted RNA and Protein Homeostasis. Neuron, 2013, 79, 416-438.	3.8	1,401
199	Protein aggregation in amyotrophic lateral sclerosis. Acta Neuropathologica, 2013, 125, 777-794.	3.9	461
200	Motor Neuron Disease. , 2013, , 1-22.		8
201	Molecular control of the NEMO family of ubiquitin-binding proteins. Nature Reviews Molecular Cell Biology, 2013, 14, 673-685.	16.1	97
202	Residual association at C9orf72 suggests an alternative amyotrophic lateral sclerosis-causing hexanucleotide repeat. Neurobiology of Aging, 2013, 34, 2234.e1-2234.e7.	1.5	22

#	Article	IF	CITATIONS
203	A Neurodegeneration-Specific Gene-Expression Signature of Acutely Isolated Microglia from an Amyotrophic Lateral Sclerosis Mouse Model. Cell Reports, 2013, 4, 385-401.	2.9	552
204	<i>TARDBP</i> and <i>FUS</i> Mutations Associated with Amyotrophic Lateral Sclerosis: Summary and Update. Human Mutation, 2013, 34, 812-826.	1.1	216
205	A novel optineurin truncating mutation and three glaucoma-associated missense variants in patients with familial amyotrophic lateral sclerosis in Germany. Neurobiology of Aging, 2013, 34, 1516.e9-1516.e15.	1.5	43
206	Amyotrophic lateral sclerosis: an update on recent genetic insights. Journal of Neurology, 2013, 260, 2917-2927.	1.8	54
207	SOD1 as a Molecular Switch for Initiating the Homeostatic ER Stress Response under Zinc Deficiency. Molecular Cell, 2013, 52, 75-86.	4.5	114
208	Characterization of human sporadic ALS biomarkers in the familial ALS transgenic mSOD1G93A mouse model. Human Molecular Genetics, 2013, 22, 4720-4725.	1.4	23
209	RNA dysfunction and aggrephagy at the centre of an amyotrophic lateral sclerosis/frontotemporal dementia disease continuum. Brain, 2013, 136, 1345-1360.	3.7	76
210	Genetics of amyotrophic lateral sclerosis: an update. Molecular Neurodegeneration, 2013, 8, 28.	4.4	271
211	The long non-coding RNA nuclear-enriched abundant transcript 1_2 induces paraspeckle formation in the motor neuron during the early phase of amyotrophic lateral sclerosis. Molecular Brain, 2013, 6, 31.	1.3	214
212	Sumoylation of Critical Proteins in Amyotrophic Lateral Sclerosis: Emerging Pathways of Pathogenesis. NeuroMolecular Medicine, 2013, 15, 760-770.	1.8	12
213	Cellular toxicity induced by the 26â€kDa fragment and amyotrophic lateral sclerosisâ€associated mutant forms of <scp>TAR DNA</scp> â€binding proteinÂ43 in human embryonic stem cellâ€derived motor neurons. Neurology and Clinical Neuroscience, 2013, 1, 24-31.	0.2	2
214	Optineurin is potentially associated with TDPâ€43 and involved in the pathogenesis of inclusion body myositis. Neuropathology and Applied Neurobiology, 2013, 39, 406-416.	1.8	30
215	Age of onset of amyotrophic lateral sclerosis is modulated by a locus on 1p34.1. Neurobiology of Aging, 2013, 34, 357.e7-357.e19.	1.5	69
216	Can Acupuncture Treat Alzheimer's Disease and Other Neurodegenerative Disorders?. , 2013, , 255-301.		1
217	Detection of a novel frameshift mutation and regions with homozygosis within ARHGEF28 gene in familial amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 444-451.	1.1	31
218	Extracellular aggregated Cu/Zn superoxide dismutase activates microglia to give a cytotoxic phenotype. Glia, 2013, 61, 409-419.	2.5	81
219	Proteome analysis of body fluids for amyotrophic lateral sclerosis biomarker discovery. Proteomics - Clinical Applications, 2013, 7, 123-135.	0.8	30
220	Genetic ablation of phospholipase C delta 1 increases survival in SOD1G93A mice. Neurobiology of Disease, 2013, 60, 11-17.	2.1	18

#	Article	IF	CITATIONS
221	Optineurin Insufficiency Impairs IRF3 but Not NF-κB Activation in Immune Cells. Journal of Immunology, 2013, 191, 6231-6240.	0.4	73
222	Clinical Neurogenetics. Neurologic Clinics, 2013, 31, 929-950.	0.8	35
223	IRF-1-binding site in the first intron mediates interferon-Î <sup>3</sup> -induced optineurin promoter activation. Biochemical and Biophysical Research Communications, 2013, 437, 179-184.	1.0	7
224	Mutations in SQSTM1 encoding p62 in amyotrophic lateral sclerosis: genetics and neuropathology. Acta Neuropathologica, 2013, 125, 511-522.	3.9	201
225	<b>M98K-OPTN induces transferrin receptor degradation and RAB12</b> - <b>mediated autophagic death in retinal ganglion cells</b> . Autophagy, 2013, 9, 510-527.	4.3	75
226	Myosin motors at neuronal synapses: drivers of membrane transport and actin dynamics. Nature Reviews Neuroscience, 2013, 14, 233-247.	4.9	162
227	hnRNP A3 binds to GGGGCC repeats and is a constituent of p62-positive/TDP43-negative inclusions in the hippocampus of patients with C9orf72 mutations. Acta Neuropathologica, 2013, 125, 413-423.	3.9	302
228	The changing scene of amyotrophic lateral sclerosis. Nature Reviews Neuroscience, 2013, 14, 248-264.	4.9	860
229	Protein misfolding in the lateâ€onset neurodegenerative diseases: Common themes and the unique case of amyotrophic lateral sclerosis. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1285-1303.	1.5	69
230	Protein SUMOylation, an emerging pathway in amyotrophic lateral sclerosis. International Journal of Neuroscience, 2013, 123, 366-374.	0.8	29
231	Overexpression of human mutated G93A SOD1 changes dynamics of the ER mitochondria calcium cycle specifically in mouse embryonic motor neurons. Experimental Neurology, 2013, 247, 91-100.	2.0	38
232	Rodent models of amyotrophic lateral sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1421-1436.	1.8	137
233	The wobbler mouse, an ALS animal model. Molecular Genetics and Genomics, 2013, 288, 207-229.	1.0	85
234	RNA quality control and protein aggregates in amyotrophic lateral sclerosis: A review. Muscle and Nerve, 2013, 47, 330-338.	1.0	19
235	Genetic and epigenetic studies of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 44-52.	1.1	34
236	The small heat shock proteins αB-crystallin and Hsp27 suppress SOD1 aggregation in vitro. Cell Stress and Chaperones, 2013, 18, 251-257.	1.2	76
237	Growth Hormone Secretion Is Correlated With Neuromuscular Innervation Rather Than Motor Neuron Number in Early-Symptomatic Male Amyotrophic Lateral Sclerosis Mice. Endocrinology, 2013, 154, 4695-4706.	1.4	25
238	Homozygosity analysis in amyotrophic lateral sclerosis. European Journal of Human Genetics, 2013, 21, 1429-1435.	1.4	12

#	Article	IF	CITATIONS
239	Concurrence of multiple sclerosis and amyotrophic lateral sclerosis in patients with hexanucleotide repeat expansions of <i>C9ORF72</i> . Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 79-87.	0.9	57
240	Mutations in the gene encoding p62 in Japanese patients with amyotrophic lateral sclerosis. Neurology, 2013, 80, 458-463.	1.5	73
241	Progressive aphasia as the presenting symptom in a patient with amyotrophic lateral sclerosis with a novel mutation in the <i>OPTN</i> gene. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 138-140.	1.1	12
242	Clinical implications of recent breakthroughs in amyotrophic lateral sclerosis. Current Opinion in Neurology, 2013, 26, 466-472.	1.8	22
243	Molecular chaperone Hsp110 rescues a vesicle transport defect produced by an ALS-associated mutant SOD1 protein in squid axoplasm. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5428-5433.	3.3	49
244	<i>Ubiquilin 2</i> mutations in Italian patients with amyotrophic lateral sclerosis and frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 183-187.	0.9	74
245	Pathological mechanisms underlying TDP-43 driven neurodegeneration in FTLD-ALS spectrum disorders. Human Molecular Genetics, 2013, 22, R77-R87.	1.4	122
246	Enhanced optineurin E50K–TBK1 interaction evokes protein insolubility and initiates familial primary open-angle glaucoma. Human Molecular Genetics, 2013, 22, 3559-3567.	1.4	123
247	<i>SQSTM1</i> Mutations in French Patients With Frontotemporal Dementia or Frontotemporal Dementia With Amyotrophic Lateral Sclerosis. JAMA Neurology, 2013, 70, 1403-10.	4.5	153
248	Genetics of Paget's Disease of Bone. , 2013, , 295-308.		0
248 249	Cenetics of Paget's Disease of Bone. , 2013, , 295-308. Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13, 528-532.	0.7	0 43
	Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13,	0.7	
249	Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13, 528-532. Optineurin suppression causes neuronal cell death via <scp>NF</scp> â€PB pathway. Journal of		43
249 250	Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13, 528-532. Optineurin suppression causes neuronal cell death via <scp>NF</scp> â€PB pathway. Journal of Neurochemistry, 2013, 126, 699-704. Neuroimmunity dynamics and the development of therapeutic strategies for amyotrophic lateral	2.1	43 80
249 250 252	Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13, 528-532.         Optineurin suppression causes neuronal cell death via <scp>NF</scp> â€PB pathway. Journal of Neurochemistry, 2013, 126, 699-704.         Neuroimmunity dynamics and the development of therapeutic strategies for amyotrophic lateral sclerosis. Frontiers in Cellular Neuroscience, 2013, 7, 214.         Redox Regulation in Amyotrophic Lateral Sclerosis. Oxidative Medicine and Cellular Longevity, 2013,	2.1 1.8	43 80 39
249 250 252 253	Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13, 528-532.         Optineurin suppression causes neuronal cell death via <scp>NF</scp> â€PB pathway. Journal of Neurochemistry, 2013, 126, 699-704.         Neuroimmunity dynamics and the development of therapeutic strategies for amyotrophic lateral sclerosis. Frontiers in Cellular Neuroscience, 2013, 7, 214.         Redox Regulation in Amyotrophic Lateral Sclerosis. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-12.         Genetics of ALS and Correlations Between Genotype and Phenotype in ALS â€" A Focus on Italian	2.1 1.8	43 80 39 68
249 250 252 253 254	Optineurin and amyotrophic lateral sclerosis. Geriatrics and Gerontology International, 2013, 13, 528-532.         Optineurin suppression causes neuronal cell death via <scp>NF</scp> â€PB pathway. Journal of Neurochemistry, 2013, 126, 699-704.         Neuroimmunity dynamics and the development of therapeutic strategies for amyotrophic lateral sclerosis. Frontiers in Cellular Neuroscience, 2013, 7, 214.         Redox Regulation in Amyotrophic Lateral Sclerosis. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-12.         Genetics of ALS and Correlations Between Genotype and Phenotype in ALS â€" A Focus on Italian Population., 2013,	2.1 1.8	43 80 39 68 3

#	Article	IF	CITATIONS
258	Highly Immunoreactive IgG Antibodies Directed against a Set of Twenty Human Proteins in the Sera of Patients with Amyotrophic Lateral Sclerosis Identified by Protein Array. PLoS ONE, 2014, 9, e89596.	1.1	37
259	E50K-OPTN-Induced Retinal Cell Death Involves the Rab GTPase-Activating Protein, TBC1D17 Mediated Block in Autophagy. PLoS ONE, 2014, 9, e95758.	1.1	49
260	Loss of Optineurin In Vivo Results in Elevated Cell Death and Alters Axonal Trafficking Dynamics. PLoS ONE, 2014, 9, e109922.	1.1	23
261	The triple power of DÂ <sup>3</sup> : Protein intrinsic disorder in degenerative diseases. Frontiers in Bioscience - Landmark, 2014, 19, 181.	3.0	78
262	Optineurin associates with the podocyte Golgi complex to maintain its structure. Cell and Tissue Research, 2014, 358, 567-583.	1.5	8
263	Targeted Exon Capture and Sequencing in Sporadic Amyotrophic Lateral Sclerosis. PLoS Genetics, 2014, 10, e1004704.	1.5	54
264	Roles of Vascular Endothelial Growth Factor in Amyotrophic Lateral Sclerosis. BioMed Research International, 2014, 2014, 1-24.	0.9	45
265	Clinicopathologic features of autosomal recessive amyotrophic lateral sclerosis associated with optineurin mutation. Neuropathology, 2014, 34, 64-70.	0.7	37
266	Optineurin is an autophagy receptor for damaged mitochondria in parkin-mediated mitophagy that is disrupted by an ALS-linked mutation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4439-48.	3.3	646
267	Stem cell factor-activated bone marrow ameliorates amyotrophic lateral sclerosis by promoting protective microglial migration. Journal of Neuroscience Research, 2014, 92, 856-869.	1.3	13
268	Genetic validation of a therapeutic target in a mouse model of ALS. Science Translational Medicine, 2014, 6, 248ra104.	5.8	27
269	The role of heat shock proteins in Amyotrophic Lateral Sclerosis: The therapeutic potential of Arimoclomol. , 2014, 141, 40-54.		107
270	The multifaceted role of glial cells in amyotrophic lateral sclerosis. Cellular and Molecular Life Sciences, 2014, 71, 287-297.	2.4	78
271	Interaction between optineurin and the b <scp>ZIP</scp> transcription factor NRL. Cell Biology International, 2014, 38, 16-25.	1.4	6
272	Genetics of primary open angle glaucoma. Japanese Journal of Ophthalmology, 2014, 58, 1-15.	0.9	46
273	Role of mitochondria in mutant SOD1 linked amyotrophic lateral sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1295-1301.	1.8	95
274	Cellular therapy to target neuroinflammation in amyotrophic lateral sclerosis. Cellular and Molecular Life Sciences, 2014, 71, 999-1015.	2.4	89
275	Motoneuron Disease. Handbook of Experimental Pharmacology, 2014, 220, 411-441.	0.9	9

# 276	ARTICLE Genetic heterogeneity of amyotrophic lateral sclerosis: Implications for clinical practice and research. Muscle and Nerve, 2014, 49, 786-803.	IF 1.0	CITATIONS
277	Genetic analysis of SS18L1 in French amyotrophic lateral sclerosis. Neurobiology of Aging, 2014, 35, 1213.e9-1213.e12.	1.5	24
279	Neurodegenerative Diseases. , 2014, , .		3
280	Vitamin D as a Potential Therapy in Amyotrophic Lateral Sclerosis. CNS Neuroscience and Therapeutics, 2014, 20, 101-111.	1.9	44
281	Dissection of genetic factors associated with amyotrophic lateral sclerosis. Experimental Neurology, 2014, 262, 91-101.	2.0	145
282	Immune diseases caused by mutations in kinases and components of the ubiquitin system. Nature Immunology, 2014, 15, 521-529.	7.0	35
283	Autophagy and Its Normal and Pathogenic States in the Brain. Annual Review of Neuroscience, 2014, 37, 55-78.	5.0	165
284	Mutant <scp>SOD</scp> 1 inhibits <scp>ER</scp> â€Golgi transport in amyotrophic lateral sclerosis. Journal of Neurochemistry, 2014, 129, 190-204.	2.1	61
285	Motor neuron disease and frontotemporal dementia: sometimes related, sometimes not. Experimental Neurology, 2014, 262, 75-83.	2.0	72
287	State of play in amyotrophic lateral sclerosis genetics. Nature Neuroscience, 2014, 17, 17-23.	7.1	1,300
288	Genetic architecture of ALS in Sardinia. Neurobiology of Aging, 2014, 35, 2882.e7-2882.e12.	1.5	60
289	Ubiquitylation of Autophagy Receptor Optineurin by HACE1 Activates Selective Autophagy for Tumor Suppression. Cancer Cell, 2014, 26, 106-120.	7.7	198
290	Protein recycling pathways in neurodegenerative diseases. Alzheimer's Research and Therapy, 2014, 6, 13.	3.0	29
291	A Computational Model of Motor Neuron Degeneration. Neuron, 2014, 83, 975-988.	3.8	145
292	Amyotrophic Lateral Sclerosis in a Patient with a Family History of Huntington Disease: Genetic Counseling Challenges. Journal of Genetic Counseling, 2014, 23, 725-733.	0.9	13
293	Effects of mutations and deletions in the human optineurin gene. SpringerPlus, 2014, 3, 99.	1.2	26
294	Microglia Induce Motor Neuron Death via the Classical NF-κB Pathway in Amyotrophic Lateral Sclerosis. Neuron, 2014, 81, 1009-1023.	3.8	527
295	Discovery of 1,3,4-oxidiazole scaffold compounds as inhibitors of superoxide dismutase expression. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1532-1537.	1.0	14

#	Article	IF	CITATIONS
296	RNA metabolism in ALS: When normal processes become pathological. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 321-336.	1.1	61
297	Ubiquilin 2: A component of the ubiquitin–proteasome system with an emerging role in neurodegeneration. International Journal of Biochemistry and Cell Biology, 2014, 50, 123-126.	1.2	53
298	Extensive molecular genetic survey of Taiwanese patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2014, 35, 2423.e1-2423.e6.	1.5	46
299	SQSTM1 mutations – Bridging Paget disease of bone and ALS/FTLD. Experimental Cell Research, 2014, 325, 27-37.	1.2	123
300	Body mass index and dietary intervention: Implications for prognosis of amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2014, 340, 5-12.	0.3	46
301	The lκB kinase complex in <scp>NF</scp> â€̂ºB regulation and beyond. EMBO Reports, 2014, 15, 46-61.	2.0	418
303	Distinct partitioning of ALS associated TDP-43, FUS and SOD1 mutants into cellular inclusions. Scientific Reports, 2015, 5, 13416.	1.6	109
306	Optineurin Negatively Regulates Osteoclast Differentiation by Modulating NF-κB and Interferon Signaling: Implications for Paget's Disease. Cell Reports, 2015, 13, 1096-1102.	2.9	61
307	The interplay between metabolic homeostasis and neurodegeneration: insights into the neurometabolic nature of amyotrophic lateral sclerosis. Cell Regeneration, 2015, 4, 4:5.	1.1	44
308	Rodent Models of Amyotrophic Lateral Sclerosis. Current Protocols in Pharmacology, 2015, 69, 5.67.1-5.67.21.	4.0	209
309	Roles of linear ubiquitinylation, a crucial regulator of <scp>NF</scp> â€ՔB and cell death, in the immune system. Immunological Reviews, 2015, 266, 175-189.	2.8	99
310	The genetic basis of amyotrophic lateral sclerosis: recent breakthroughs. Advances in Genomics and Genetics, 0, , 327.	0.8	11
311	Transplantation of stem cell-derived astrocytes for the treatment of amyotrophic lateral sclerosis and spinal cord injury. World Journal of Stem Cells, 2015, 7, 380.	1.3	61
312	Autophagy and Neurodegeneration: Insights from a Cultured Cell Model of ALS. Cells, 2015, 4, 354-386.	1.8	65
313	Calcium dysregulation links ALS defective proteins and motor neuron selective vulnerability. Frontiers in Cellular Neuroscience, 2015, 9, 225.	1.8	68
314	Ultrastructural studies of ALS mitochondria connect altered function and permeability with defects of mitophagy and mitochondriogenesis. Frontiers in Cellular Neuroscience, 2015, 9, 341.	1.8	33
315	Golgi Fragmentation in ALS Motor Neurons. New Mechanisms Targeting Microtubules, Tethers, and Transport Vesicles. Frontiers in Neuroscience, 2015, 9, 448.	1.4	60
316	Edaravone, a Free Radical Scavenger, Delayed Symptomatic and Pathological Progression of Motor Neuron Disease in the Wobbler Mouse. PLoS ONE, 2015, 10, e0140316.	1.1	57

#	Article	IF	CITATIONS
317	The GARP complex is required for cellular sphingolipid homeostasis. ELife, 2015, 4, .	2.8	88
318	Clinical and genetic basis of familial amyotrophic lateral sclerosis. Arquivos De Neuro-Psiquiatria, 2015, 73, 1026-1037.	0.3	23
319	Induction of autophagy in rats upon overexpression of wild-type and mutant optineurin gene. BMC Cell Biology, 2015, 16, 14.	3.0	31
320	Genetics of ALS. , 2015, , 385-409.		0
321	Systems biology of neurodegenerative diseases. Integrative Biology (United Kingdom), 2015, 7, 758-775.	0.6	40
322	Neuroprotective effect of ultra-high dose methylcobalamin in wobbler mouse model of amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2015, 354, 70-74.	0.3	24
323	The promise and perils of <scp>HDAC</scp> inhibitors in neurodegeneration. Annals of Clinical and Translational Neurology, 2015, 2, 79-101.	1.7	90
324	Gammaâ€synuclein pathology in amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2015, 2, 29-37.	1.7	21
325	Identification of an Aluâ€repeatâ€mediated deletion of <i><scp>OPTN</scp></i> upstream region in a patient with a complex ocular phenotype. Molecular Genetics & Genomic Medicine, 2015, 3, 490-499.	0.6	16
326	Assays to monitor aggrephagy. Methods, 2015, 75, 112-119.	1.9	19
327	Human glial progenitor engraftment and gene expression is independent of the ALS environment. Experimental Neurology, 2015, 264, 188-199.	2.0	21
328	Genetics of Glaucoma. , 2015, , 291-299.		0
329	High Caloric Diets in Amyotrophic Lateral Sclerois. , 2015, , 355-361.		0
330	The role of SIGMAR1 gene mutation and mitochondrial dysfunction in amyotrophic lateral sclerosis. Journal of Pharmacological Sciences, 2015, 127, 36-41.	1.1	46
331	TDP-43 Proteinopathy and ALS: Insights into Disease Mechanisms and Therapeutic Targets. Neurotherapeutics, 2015, 12, 352-363.	2.1	246
332	Autophagy receptor defects and ALS-FTLD. Molecular and Cellular Neurosciences, 2015, 66, 43-52.	1.0	89
333	Exome sequencing in amyotrophic lateral sclerosis identifies risk genes and pathways. Science, 2015, 347, 1436-1441.	6.0	823
334	Frontotemporal dementia: a bridge between dementia and neuromuscular disease. Annals of the New York Academy of Sciences, 2015, 1338, 71-93.	1.8	97

#	ARTICLE Amyotrophic Lateral Sclerosis Genetic Studies. Neuroscientist, 2015, 21, 599-615.		IF 2.6	Citations 23
335			2.6	23
336	A fruitful endeavor: Modeling ALS in the fruit fly. Brain Research, 2015, 1607, 47-74.		1.1	89
337	Autophagy and neurodegeneration. Journal of Clinical Investigation, 2015, 125, 65-74.		3.9	288
338	ACTH (Acthar Gel) Reduces Toxic SOD1 Protein Linked to Amyotrophic Lateral Sclerosi Mice: A Novel Observation. PLoS ONE, 2015, 10, e0125638.	is in Transgenic	1.1	3
339	The autophagy-lysosomal pathway. Neurology, 2015, 85, 634-645.		1.5	26
340	Post-Golgi anterograde transport requires GARP-dependent endosome-to-TGN retrogra Molecular Biology of the Cell, 2015, 26, 3071-3084.	ade transport.	0.9	88
341	Amyotrophic lateral sclerosis: Current perspectives from basic research to the clinic. Pr Neurobiology, 2015, 133, 1-26.	rogress in	2.8	99
342	The Regulatory Machinery of Neurodegeneration in InÂVitro Models of Amyotrophic La Cell Reports, 2015, 12, 335-345.	ateral Sclerosis.	2.9	42
343	Six SQSTM1 mutations in a Chinese amyotrophic lateral sclerosis cohort. Amyotrophic Sclerosis and Frontotemporal Degeneration, 2015, 16, 378-384.	Lateral	1.1	23
344	Therapeutic targeting of autophagy in neurodegenerative and infectious diseases. Jour Experimental Medicine, 2015, 212, 979-990.	mal of	4.2	176
345	Exome sequencing uncovers hidden pathways in familial and sporadic ALS. Nature Neu 18, 611-613.	iroscience, 2015,	7.1	25
346	Could astrocytes be the primary target of an offending agent causing the primary dego diseases of the human central nervous system? A hypothesis. Medical Hypotheses, 201	enerative 15, 84, 481-489.	0.8	14
347	VCP gene analyses in Japanese patients with sporadic amyotrophic lateral sclerosis ide mutation. Neurobiology of Aging, 2015, 36, 1604.e1-1604.e6.	ntify a new	1.5	27
348	Astrocyte physiopathology: At the crossroads of intercellular networking, inflammation death. Progress in Neurobiology, 2015, 130, 86-120.	n and cell	2.8	157
349	Motor neuron disease-frontotemporal dementia: a clinical continuum. Expert Review o Neurotherapeutics, 2015, 15, 509-522.	f	1.4	48
350	Homozygosity mapping in an Irish ALS case–control cohort describes local demogra and points towards potential recessive risk loci. Genomics, 2015, 105, 237-241.	phic phenomena	1.3	15
351	Intermediate-length polyglutamine in ATXN2 is a possible risk factor among Eastern Ch with amyotrophic lateral sclerosis. Neurobiology of Aging, 2015, 36, 1603.e11-1603.e		1.5	13
352	Compromised autophagy and neurodegenerative diseases. Nature Reviews Neuroscier 345-357.	nce, 2015, 16,	4.9	676

#	Article	IF	CITATIONS
355	Selective Disposal of Insoluble Protein Aggregates. , 2015, , 183-227.		0
356	The dual roles of immunity in ALS: Injury overrides protection. Neurobiology of Disease, 2015, 77, 1-12.	2.1	63
357	Whole-genome sequencing reveals important role for TBK1 and OPTN mutations in frontotemporal lobar degeneration without motor neuron disease. Acta Neuropathologica, 2015, 130, 77-92.	3.9	267
358	Mutations in the ubiquitin-binding domain of OPTN/optineurin interfere with autophagy-mediated degradation of misfolded proteins by a dominant-negative mechanism. Autophagy, 2015, 11, 685-700.	4.3	126
359	Autophagosome dynamics in neurodegeneration at a glance. Journal of Cell Science, 2015, 128, 1259-1267.	1.2	114
360	Visual impairment in an optineurin mouse model of primary open-angle glaucoma. Neurobiology of Aging, 2015, 36, 2201-2212.	1.5	47
361	Defects in optineurin- and myosin VI-mediated cellular trafficking in amyotrophic lateral sclerosis. Human Molecular Genetics, 2015, 24, 3830-3846.	1.4	71
362	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. Nature Neuroscience, 2015, 18, 631-636.	7.1	652
364	Multisystem proteinopathy. Neurology, 2015, 85, 658-660.	1.5	85
365	A perspective on stem cell modeling of amyotrophic lateral sclerosis. Cell Cycle, 2015, 14, 3679-3688.	1.3	15
366	Optineurin mutations in patients with sporadic amyotrophic lateral sclerosis in China. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 485-489.	1.1	32
367	Functional analysis of optineurin and some of its disease-associated mutants. IUBMB Life, 2015, 67, 120-128.	1.5	22
368	Biomarker for Amyotrophic Lateral Sclerosis. Biomarkers in Disease, 2015, , 1031-1052.	0.0	0
369	Altered expression of metabolic proteins and adipokines in patients with amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2015, 357, 22-27.	0.3	70
370	The ubiquitin kinase PINK1 recruits autophagy receptors to induce mitophagy. Nature, 2015, 524, 309-314.	13.7	1,969
371	TBK1 mutation frequencies in French frontotemporal dementia and amyotrophic lateral sclerosis cohorts. Neurobiology of Aging, 2015, 36, 3116.e5-3116.e8.	1.5	63
372	Novel TBK1 truncating mutation in a familial amyotrophic lateral sclerosis patient of Chinese origin. Neurobiology of Aging, 2015, 36, 3334.e1-3334.e5.	1.5	35
373	Optineurin deficiency contributes to impaired cytokine secretion and neutrophil recruitment in bacteria driven colitis. DMM Disease Models and Mechanisms, 2015, 8, 817-29.	1.2	48

#	Article	IF	CITATIONS
374	Role of autophagy in the pathogenesis of amyotrophic lateral sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2517-2524.	1.8	70
375	A Dutch family with autosomal recessively inherited lower motor neuron predominant motor neuron disease due to optineurin mutations. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 410-411.	1.1	16
376	Genotype-phenotype relationship in hereditary amyotrophic lateral sclerosis. Translational Neurodegeneration, 2015, 4, 13.	3.6	66
377	Frontotemporal Dysfunction and Dementia in Amyotrophic Lateral Sclerosis. Neurologic Clinics, 2015, 33, 787-805.	0.8	32
378	The PINK1-PARKIN Mitochondrial Ubiquitylation Pathway Drives a Program of OPTN/NDP52 Recruitment and TBK1 Activation to Promote Mitophagy. Molecular Cell, 2015, 60, 7-20.	4.5	658
379	Familial Amyotrophic Lateral Sclerosis. Neurologic Clinics, 2015, 33, 807-830.	0.8	120
380	Loss of <i>TBK1</i> is a frequent cause of frontotemporal dementia in a Belgian cohort. Neurology, 2015, 85, 2116-2125.	1.5	151
382	Genetic Counseling for Adult Neurogenetic Disease. , 2015, , .		1
384	Copper mediated neurological disorder: Visions into amyotrophic lateral sclerosis, Alzheimer and Menkes disease. Journal of Trace Elements in Medicine and Biology, 2015, 29, 11-23.	1.5	74
385	Evidence of a link between ubiquilin 2 and optineurin in amyotrophic lateral sclerosis. Human Molecular Genetics, 2015, 24, 1617-1629.	1.4	49
386	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
387	Identification of <scp>transactivationâ€responsive DNA</scp> â€binding protein 43 ( <scp>TARDBP</scp> 43;) Tj stimulation in human monocytes. Journal of Periodontal Research, 2015, 50, 452-460.	ETQq1 1 1.4	. 0.784314 rgE 10
388	Genetic causes of amyotrophic lateral sclerosis: New genetic analysis methodologies entailing new opportunities and challenges. Brain Research, 2015, 1607, 75-93.	1.1	132
389	Introductory Chapter: Introduction to Update in Amyotrophic Lateral Sclerosis and Review of this Condition in Sportsmen. , 0, , .		2
390	Mesenchymal Stem Cells in the Treatment of Amyotrophic Lateral Sclerosis. Current Stem Cell Research and Therapy, 2016, 11, 41-50.	0.6	21
391	Choosing Lunch: The Role of Selective Autophagy Adaptor Proteins. , 0, , .		2
392	Sending Out an SOS: Mitochondria as a Signaling Hub. Frontiers in Cell and Developmental Biology, 2016, 4, 109.	1.8	85
393	Parkin Regulation and Neurodegenerative Disorders. Frontiers in Aging Neuroscience, 2015, 7, 248.	1.7	62

#	Article	IF	CITATIONS
394	Impaired Autophagy and Defective Mitochondrial Function: Converging Paths on the Road to Motor Neuron Degeneration. Frontiers in Cellular Neuroscience, 2016, 10, 44.	1.8	50
395	Editorial: Golgi Pathology in Neurodegenerative Diseases. Frontiers in Neuroscience, 2015, 9, 489.	1.4	33
396	Proteostasis and Diseases of the Motor Unit. Frontiers in Molecular Neuroscience, 2016, 9, 164.	1.4	4
397	Loss of C9orf72 Enhances Autophagic Activity via Deregulated mTOR and TFEB Signaling. PLoS Genetics, 2016, 12, e1006443.	1.5	154
398	SQSTM1 Mutations and Glaucoma. PLoS ONE, 2016, 11, e0156001.	1.1	9
399	Proteostasis regulation by the ubiquitin system. Essays in Biochemistry, 2016, 60, 143-151.	2.1	49
400	The genetics of amyotrophic lateral sclerosis: current insights. Degenerative Neurological and Neuromuscular Disease, 2016, 6, 49.	0.7	65
401	The <scp>TBK</scp> 1â€binding domain of optineurin promotes type l interferon responses. FEBS Letters, 2016, 590, 1498-1508.	1.3	35
402	Oligogenic inheritance of optineurin ( <i>OPTN</i> ) and <i>C9ORF72</i> mutations in ALS highlights localisation of OPTN in the TDPâ€43â€negative inclusions of <i>C9ORF72</i> â€ALS. Neuropathology, 2016, 36, 125-134.	0.7	35
403	Genotype–phenotype relationships in familial amyotrophic lateral sclerosis with <i>FUS/TLS</i> mutations in Japan. Muscle and Nerve, 2016, 54, 398-404.	1.0	16
404	New Insights on the Mechanisms of Disease Course Variability in ALS from Mutant SOD1 Mouse Models. Brain Pathology, 2016, 26, 237-247.	2.1	56
405	Amyotrophic lateral sclerosis and motor neuron syndromes in Asia. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 821-830.	0.9	61
406	Mitochondrial pathogenic mechanism and degradation in optineurin E50K mutation-mediated retinal ganglion cell degeneration. Scientific Reports, 2016, 6, 33830.	1.6	59
407	TDP-43 or FUS-induced misfolded human wild-type SOD1 can propagate intercellularly in a prion-like fashion. Scientific Reports, 2016, 6, 22155.	1.6	65
408	Transgenic <i>TBK1</i> mice have features of normal tension glaucoma. Human Molecular Genetics, 2017, 26, ddw372.	1.4	19
409	Roles of Caspases in Necrotic Cell Death. Cell, 2016, 167, 1693-1704.	13.5	234
410	Stathmin 1/2-triggered microtubule loss mediates Golgi fragmentation in mutant SOD1 motor neurons. Molecular Neurodegeneration, 2016, 11, 43.	4.4	31
411	Amyotrophic lateral sclerosis: recent genetic highlights. Current Opinion in Neurology, 2016, 29, 557-564.	1.8	37

	CITATION R	EPORT	
#	Article	IF	CITATIONS
412	It's all about talking: two-way communication between proteasomal and lysosomal degradation pathways via ubiquitin. American Journal of Physiology - Cell Physiology, 2016, 311, C166-C178.	2.1	37
413	Regulatory mechanisms underlying sepsis progression in patients with tumor necrosis factor-α genetic variations. Experimental and Therapeutic Medicine, 2016, 12, 323-328.	0.8	5
414	Phosphorylation of OPTN by TBK1 enhances its binding to Ub chains and promotes selective autophagy of damaged mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4039-4044.	3.3	554
415	Recent advances in amyotrophic lateral sclerosis. Journal of Neurology, 2016, 263, 1241-1254.	1.8	67
416	ALS: A bucket of genes, environment, metabolism and unknown ingredients. Progress in Neurobiology, 2016, 142, 104-129.	2.8	158
417	Human TBK1: A Gatekeeper of Neuroinflammation. Trends in Molecular Medicine, 2016, 22, 511-527.	3.5	143
418	Stress granules at the intersection of autophagy and ALS. Brain Research, 2016, 1649, 189-200.	1.1	93
419	Genotype-phenotype correlations of amyotrophic lateral sclerosis. Translational Neurodegeneration, 2016, 5, 3.	3.6	69
420	Mechanisms of neuronal homeostasis: Autophagy in the axon. Brain Research, 2016, 1649, 143-150.	1.1	90
421	Protein folding alterations in amyotrophic lateral sclerosis. Brain Research, 2016, 1648, 633-649.	1.1	82
422	Autophagy at the Cell, Tissue and Organismal Level. , 2016, , .		3
423	Physiological Role of Autophagy and Implications in Disease. , 2016, , 51-80.		0
424	Mechanisms of mitophagy: PINK1, Parkin, USP30 and beyond. Free Radical Biology and Medicine, 2016, 100, 210-222.	1.3	232
425	Impaired protein degradation in FTLD and related disorders. Ageing Research Reviews, 2016, 32, 122-139.	5.0	58
426	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. Acta Neuropathologica, 2016, 132, 175-196.	3.9	113
427	TDP-43/FUS in motor neuron disease: Complexity and challenges. Progress in Neurobiology, 2016, 145-146, 78-97.	2.8	93
428	Significance of optineurin mutations in glaucoma and other diseases. Progress in Retinal and Eye Research, 2016, 55, 149-181.	7.3	92
429	Cellular Functions of Optineurin in Health and Disease. Trends in Immunology, 2016, 37, 621-633.	2.9	70

#	Article	IF	CITATIONS
430	From the Cover: Alterations in Optineurin Expression and Localization in Pre-clinical Parkinson's Disease Models. Toxicological Sciences, 2016, 153, 372-381.	1.4	14
431	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. Science, 2016, 353, 603-608.	6.0	448
432	Common Molecular Pathways in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. Trends in Molecular Medicine, 2016, 22, 769-783.	3.5	103
433	Genetics of <scp>FTLD</scp> : overview and what else we can expect from genetic studies. Journal of Neurochemistry, 2016, 138, 32-53.	2.1	118
435	Are aberrant phase transitions a driver of cellular aging?. BioEssays, 2016, 38, 959-968.	1.2	234
436	Quantification of the Relative Contributions of Loss-of-function and Gain-of-function Mechanisms in TAR DNA-binding Protein 43 (TDP-43) Proteinopathies. Journal of Biological Chemistry, 2016, 291, 19437-19448.	1.6	75
437	Defending the mitochondria: The pathways of mitophagy and mitochondrial-derived vesicles. International Journal of Biochemistry and Cell Biology, 2016, 79, 427-436.	1.2	98
438	Amyotrophic Lateral Sclerosis 1 andÂMany Diseases. , 2016, , 685-712.		3
439	Neuroinflammation — using big data to inform clinical practice. Nature Reviews Neurology, 2016, 12, 685-698.	4.9	29
440	Decoding ALS: from genes to mechanism. Nature, 2016, 539, 197-206.	13.7	1,533
440 441	Decoding ALS: from genes to mechanism. Nature, 2016, 539, 197-206. Axonal Degeneration: RIPK1 Multitasking in ALS. Current Biology, 2016, 26, R932-R934.	13.7 1.8	1,533 12
441	Axonal Degeneration: RIPK1 Multitasking in ALS. Current Biology, 2016, 26, R932-R934. Functional links between SQSTM1 and ALS2 in the pathogenesis of ALS: cumulative impact on the protection against mutant SOD1-mediated motor dysfunction in mice. Human Molecular Genetics, 2016,	1.8	12
441 442	Axonal Degeneration: RIPK1 Multitasking in ALS. Current Biology, 2016, 26, R932-R934. Functional links between SQSTM1 and ALS2 in the pathogenesis of ALS: cumulative impact on the protection against mutant SOD1-mediated motor dysfunction in mice. Human Molecular Genetics, 2016, 25, 3321-3340. Structural insights into the interaction and disease mechanism of neurodegenerative	1.8 1.4	12 43
441 442 443	Axonal Degeneration: RIPK1 Multitasking in ALS. Current Biology, 2016, 26, R932-R934. Functional links between SQSTM1 and ALS2 in the pathogenesis of ALS: cumulative impact on the protection against mutant SOD1-mediated motor dysfunction in mice. Human Molecular Genetics, 2016, 25, 3321-3340. Structural insights into the interaction and disease mechanism of neurodegenerative disease-associated optineurin and TBK1 proteins. Nature Communications, 2016, 7, 12708. Linear ubiquitination is involved in the pathogenesis of optineurin-associated amyotrophic lateral	1.8 1.4 5.8	12 43 87
441 442 443 444	<ul> <li>Axonal Degeneration: RIPK1 Multitasking in ALS. Current Biology, 2016, 26, R932-R934.</li> <li>Functional links between SQSTM1 and ALS2 in the pathogenesis of ALS: cumulative impact on the protection against mutant SOD1-mediated motor dysfunction in mice. Human Molecular Genetics, 2016, 25, 3321-3340.</li> <li>Structural insights into the interaction and disease mechanism of neurodegenerative disease-associated optineurin and TBK1 proteins. Nature Communications, 2016, 7, 12708.</li> <li>Linear ubiquitination is involved in the pathogenesis of optineurin-associated amyotrophic lateral sclerosis. Nature Communications, 2016, 7, 12547.</li> <li>From animal models to human disease: a genetic approach for personalized medicine in ALS. Acta</li> </ul>	1.8 1.4 5.8 5.8	12 43 87 109
441 442 443 444 445	Axonal Degeneration: RIPK1 Multitasking in ALS. Current Biology, 2016, 26, R932-R934.         Functional links between SQSTM1 and ALS2 in the pathogenesis of ALS: cumulative impact on the protection against mutant SOD1-mediated motor dysfunction in mice. Human Molecular Genetics, 2016, 25, 3321-3340.         Structural insights into the interaction and disease mechanism of neurodegenerative disease-associated optineurin and TBK1 proteins. Nature Communications, 2016, 7, 12708.         Linear ubiquitination is involved in the pathogenesis of optineurin-associated amyotrophic lateral sclerosis. Nature Communications, 2016, 7, 12547.         From animal models to human disease: a genetic approach for personalized medicine in ALS. Acta Neuropathologica Communications, 2016, 4, 70.         CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. Nature	1.8 1.4 5.8 5.8 2.4	12 43 87 109 115

#	Article	IF	CITATIONS
449	Delineating the relationship between amyotrophic lateral sclerosis and frontotemporal dementia: Sequence and structure-based predictions. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1742-1754.	1.8	22
450	Deciphering the Molecular Signals of PINK1/Parkin Mitophagy. Trends in Cell Biology, 2016, 26, 733-744.	3.6	458
451	Loss of C9 <scp>ORF</scp> 72 impairs autophagy and synergizes with polyQ Ataxinâ€2 to induce motor neuron dysfunction and cell death. EMBO Journal, 2016, 35, 1276-1297.	3.5	343
452	Optineurin deficiency in mice is associated with increased sensitivity to <i>Salmonella</i> but does not affect proinflammatory NFâ€₽B signaling. European Journal of Immunology, 2016, 46, 971-980.	1.6	69
453	Aggregation of FET Proteins as a Pathological Change in Amyotrophic Lateral Sclerosis. Advances in Experimental Medicine and Biology, 2016, 925, 1-12.	0.8	3
454	Mutational analysis of TBK1 in Taiwanese patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2016, 40, 191.e11-191.e16.	1.5	46
455	MicroRNA-125b regulates microglia activation and motor neuron death in ALS. Cell Death and Differentiation, 2016, 23, 531-541.	5.0	109
456	Emerging molecular biomarker targets for amyotrophic lateral sclerosis. Clinica Chimica Acta, 2016, 455, 7-14.	0.5	29
457	Clinical features of <i>TBK1</i> carriers compared with <i>C9orf72</i> , <i>GRN</i> and non-mutation carriers in a Belgian cohort. Brain, 2016, 139, 452-467.	3.7	86
458	The â€~Omics' of Amyotrophic Lateral Sclerosis. Trends in Molecular Medicine, 2016, 22, 53-67.	3.5	33
459	Next-generation sequencing of 28 ALS-related genes in a Japanese ALS cohort. Neurobiology of Aging, 2016, 39, 219.e1-219.e8.	1.5	49
460	TNF biology, pathogenic mechanisms and emerging therapeutic strategies. Nature Reviews Rheumatology, 2016, 12, 49-62.	3.5	934
461	Regulation of TBK1 activity by Optineurin contributes to cell cycle-dependent expression of the interferon pathway. Cytokine and Growth Factor Reviews, 2016, 29, 23-33.	3.2	18
462	Autophagy in motor neuron disease: Key pathogenetic mechanisms and therapeutic targets. Molecular and Cellular Neurosciences, 2016, 72, 84-90.	1.0	43
463	Mechanisms of Selective Autophagy in Normal Physiology and Cancer. Journal of Molecular Biology, 2016, 428, 1659-1680.	2.0	156
464	Effects of optineurin mutants on SH-SY5Y cell survival. Molecular and Cellular Neurosciences, 2016, 74, 18-24.	1.0	12
465	Endocytic membrane trafficking and neurodegenerative disease. Cellular and Molecular Life Sciences, 2016, 73, 1529-1545.	2.4	130
467	<i>OPTN</i> 691_692insAG is a founder mutation causing recessive ALS and increased risk in heterozygotes. Neurology, 2016, 86, 446-453.	1.5	37

0			<b>n</b>	
	ΙΤΔΤ	$1 \cap N$	IVER	PORT
<u> </u>	/			

#	Article	IF	CITATIONS
468	Preferential PPAR-α activation reduces neuroinflammation, and blocks neurodegeneration <i>in vivo</i> . Human Molecular Genetics, 2016, 25, 317-327.	1.4	73
469	Lacritin and other autophagy associated proteins in ocular surface health. Experimental Eye Research, 2016, 144, 4-13.	1.2	26
470	Translational potential of astrocytes in brain disorders. Progress in Neurobiology, 2016, 144, 188-205.	2.8	89
471	Defects in autophagy caused by glaucoma-associated mutations in optineurin. Experimental Eye Research, 2016, 144, 54-63.	1.2	40
472	The role of autophagy in axonal degeneration of the optic nerve. Experimental Eye Research, 2016, 144, 81-89.	1.2	36
473	Optineurin: The autophagy connection. Experimental Eye Research, 2016, 144, 73-80.	1.2	69
474	Frontotemporal lobar degeneration: Pathogenesis, pathology and pathways to phenotype. Brain Pathology, 2017, 27, 723-736.	2.1	112
475	Biological Spectrum of Amyotrophic Lateral Sclerosis Prions. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a024133.	2.9	24
476	Additive amelioration of ALS by coâ€ŧargeting independent pathogenic mechanisms. Annals of Clinical and Translational Neurology, 2017, 4, 76-86.	1.7	26
477	TBK1: a new player in ALS linking autophagy and neuroinflammation. Molecular Brain, 2017, 10, 5.	1.3	228
478	Comprehensive targeted next-generation sequencing in Japanese familial amyotrophic lateral sclerosis. Neurobiology of Aging, 2017, 53, 194.e1-194.e8.	1.5	47
479	Autophagy and Neurodegeneration: Pathogenic Mechanisms and Therapeutic Opportunities. Neuron, 2017, 93, 1015-1034.	3.8	860
480	Autophagy Receptors and Neurodegenerative Diseases. Trends in Cell Biology, 2017, 27, 491-504.	3.6	173
481	C9orf72: At the intersection of lysosome cell biology and neurodegenerative disease. Traffic, 2017, 18, 267-276.	1.3	54
482	Spinal motor neuron protein supersaturation patterns are associated with inclusion body formation in ALS. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3935-E3943.	3.3	91
483	Frontotemporal dementia. , 2017, , 199-249.		1
486	Major review: Molecular genetics of primary open-angle glaucoma. Experimental Eye Research, 2017, 160, 62-84.	1.2	112
487	Modelling amyotrophic lateral sclerosis: progress and possibilities. DMM Disease Models and Mechanisms, 2017, 10, 537-549.	1.2	156

#	ARTICLE Optineurin in amyotrophic lateral sclerosis: Multifunctional adaptor protein at the crossroads of	IF 2.8	CITATIONS
489	different neuroprotective mechanisms. Progress in Neurobiology, 2017, 154, 1-20. Association of Mutations in <i>TBK1</i> With Sporadic and Familial Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. JAMA Neurology, 2017, 74, 110.	4.5	70
490	Yeast genetic interaction screen of human genes associated with amyotrophic lateral sclerosis: identification of MAP2K5 kinase as a potential drug target. Genome Research, 2017, 27, 1487-1500.	2.4	12
491	Molecular Mechanisms of Amyotrophic Lateral Sclerosis. , 2017, , 61-99.		6
492	Sporadic ALS Astrocytes Induce Neuronal Degeneration InÂVivo. Stem Cell Reports, 2017, 8, 843-855.	2.3	105
493	A critical role of Hrd1 in the regulation of optineurin degradation and aggresome formation. Human Molecular Genetics, 2017, 26, 1877-1889.	1.4	32
494	Genetic compendium of 1511 human brains available through the UK Medical Research Council Brain Banks Network Resource. Genome Research, 2017, 27, 165-173.	2.4	44
495	Withania somnifera Reverses Transactive Response DNA Binding Protein 43 Proteinopathy in a Mouse Model of Amyotrophic Lateral Sclerosis/Frontotemporal Lobar Degeneration. Neurotherapeutics, 2017, 14, 447-462.	2.1	35
496	Instability of C154Y variant of aldo-keto reductase 1C3. Chemico-Biological Interactions, 2017, 276, 194-202.	1.7	7
497	Amyotrophic lateral sclerosis - frontotemporal spectrum disorder (ALS-FTSD): Revised diagnostic criteria. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 153-174.	1.1	607
498	Extra-motor abnormalities in amyotrophic lateral sclerosis: another layer of heterogeneity. Expert Review of Neurotherapeutics, 2017, 17, 561-577.	1.4	24
499	Could Sirtuin Activities Modify ALS Onset and Progression?. Cellular and Molecular Neurobiology, 2017, 37, 1147-1160.	1.7	20
500	High content analysis in amyotrophic lateral sclerosis. Molecular and Cellular Neurosciences, 2017, 80, 180-191.	1.0	10
501	GNE missense mutation in recessive familial amyotrophic lateral sclerosis. Neurogenetics, 2017, 18, 237-243.	0.7	13
502	Amyotrophic lateral sclerosis. Nature Reviews Disease Primers, 2017, 3, 17071.	18.1	885
503	Plekhg5-regulated autophagy of synaptic vesicles reveals a pathogenic mechanism in motoneuron disease. Nature Communications, 2017, 8, 678.	5.8	59
504	Quantitative assessment of the degradation of aggregated TDPâ€43 mediated by the ubiquitin proteasome system and macroautophagy. FASEB Journal, 2017, 31, 5609-5624.	0.2	29
505	Revisiting the concept of amyotrophic lateral sclerosis as a multisystems disorder of limited phenotypic expression. Current Opinion in Neurology, 2017, 30, 599-607.	1.8	25

#	Article	IF	CITATIONS
506	Dysregulated molecular pathways in amyotrophic lateral sclerosis–frontotemporal dementia spectrum disorder. EMBO Journal, 2017, 36, 2931-2950.	3.5	150
507	ldentification of optineurin as an interleukin-1 receptor-associated kinase 1-binding protein and its role in regulation of MyD88-dependent signaling. Journal of Biological Chemistry, 2017, 292, 17250-17257.	1.6	22
508	AMBRA1, a Novel BH3-Like Protein. International Review of Cell and Molecular Biology, 2017, 330, 85-113.	1.6	16
509	Implications of white matter damage in amyotrophic lateral sclerosis. Molecular Medicine Reports, 2017, 16, 4379-4392.	1.1	34
510	Mitochondrial dynamics, transport, and quality control: A bottleneck for retinal ganglion cell viability in optic neuropathies. Mitochondrion, 2017, 36, 186-192.	1.6	97
511	Proteostasis disturbance in amyotrophic lateral sclerosis. Human Molecular Genetics, 2017, 26, R91-R104.	1.4	35
512	Regulated proteolysis as an element of ER stress and autophagy: Implications for intestinal inflammation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2183-2190.	1.9	11
513	661W is a retinal ganglion precursor-like cell line in which glaucoma-associated optineurin mutants induce cell death selectively. Scientific Reports, 2017, 7, 16855.	1.6	70
514	Protein Misfolding and Mitochondrial Dysfunction in Amyotrophic Lateral Sclerosis. , 2017, , 163-184.		1
515	Casein kinase II phosphorylation of cyclin F at serine 621 regulates the Lys48-ubiquitylation E3 ligase activity of the SCF (cyclin F) complex. Open Biology, 2017, 7, 170058.	1.5	29
516	RNA binding proteins and the pathological cascade in ALS/FTD neurodegeneration. Science Translational Medicine, 2017, 9, .	5.8	72
517	Amyotrophic Lateral Sclerosis. New England Journal of Medicine, 2017, 377, 162-172.	13.9	1,264
518	Genetics and genetic testing for glaucoma. Current Opinion in Ophthalmology, 2017, 28, 133-138.	1.3	26
519	Necroptosis in neurodegenerative diseases: a potential therapeutic target. Cell Death and Disease, 2017, 8, e2905-e2905.	2.7	138
520	Protein Disulphide Isomerases: emerging roles of PDI and ERp57 in the nervous system and as therapeutic targets for ALS. Expert Opinion on Therapeutic Targets, 2017, 21, 37-49.	1.5	16
521	Cortical Manifestations in Amyotrophic Lateral Sclerosis. , 2017, , 223-242.		1
522	A novel amyotrophic lateral sclerosis mutation in <i>OPTN</i> induces ER stress and Golgi fragmentation in vitro. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 126-133.	1.1	24
523	C9ORF72 is a GDP/GTP exchange factor for Rab8 and Rab39 and regulates autophagy. Small GTPases, 2017, 8, 181-186.	0.7	69

#	Article	IF	CITATIONS
524	Emerging connections between RNA and autophagy. Autophagy, 2017, 13, 3-23.	4.3	105
525	Pathways to mitochondrial dysfunction in ALS pathogenesis. Biochemical and Biophysical Research Communications, 2017, 483, 1187-1193.	1.0	72
526	Familial amyotrophic lateral sclerosis with an I104F mutation in the SOD1 gene: Multisystem degeneration with neurofilamentous aggregates and SOD1 inclusions. Neuropathology, 2017, 37, 69-77.	0.7	4
527	Chronic oxidative damage together with genome repair deficiency in the neurons is a double whammy for neurodegeneration: Is damage response signaling a potential therapeutic target?. Mechanisms of Ageing and Development, 2017, 161, 163-176.	2.2	27
528	Detection and Clearance of Damaged Lysosomes byÂthe Endo-Lysosomal Damage Response andÂLysophagy. Current Biology, 2017, 27, R1330-R1341.	1.8	155
529	Autophagy-Lysosome Dysfunction in Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degeneration. , 0, , .		4
531	Impaired Mitophagy Plays a Role in Denervation of Neuromuscular Junctions in ALS Mice. Frontiers in Neuroscience, 2017, 11, 473.	1.4	44
532	Neuronal Mitophagy in Neurodegenerative Diseases. Frontiers in Molecular Neuroscience, 2017, 10, 64.	1.4	150
533	Control of mRNA Translation in ALS Proteinopathy. Frontiers in Molecular Neuroscience, 2017, 10, 85.	1.4	40
534	Protein Quality Control and the Amyotrophic Lateral Sclerosis/Frontotemporal Dementia Continuum. Frontiers in Molecular Neuroscience, 2017, 10, 119.	1.4	58
535	Protein Homeostasis in Amyotrophic Lateral Sclerosis: Therapeutic Opportunities?. Frontiers in Molecular Neuroscience, 2017, 10, 123.	1.4	62
536	Autophagy and Its Impact on Neurodegenerative Diseases: New Roles for TDP-43 and C9orf72. Frontiers in Molecular Neuroscience, 2017, 10, 170.	1.4	66
537	Autophagy Dysregulation in ALS: When Protein Aggregates Get Out of Hand. Frontiers in Molecular Neuroscience, 2017, 10, 263.	1.4	123
538	Amyotrophic Lateral Sclerosis, a Multisystem Pathology: Insights into the Role of TNF <i>α</i> . Mediators of Inflammation, 2017, 2017, 1-16.	1.4	45
539	The Delicate Balance of Autophagy in Neurodegeneration. , 2017, , 387-399.		2
540	The essential and downstream common proteins of amyotrophic lateral sclerosis: A protein-protein interaction network analysis. PLoS ONE, 2017, 12, e0172246.	1.1	14
541	Advances, challenges and future directions for stem cell therapy in amyotrophic lateral sclerosis. Molecular Neurodegeneration, 2017, 12, 85.	4.4	51
542	Optineurin suppression activates the mediators involved in the terminal effector pathways of human labour and delivery. Reproduction, Fertility and Development, 2017, 29, 1074.	0.1	Ο

#	Article	IF	CITATIONS
543	Microglia and C9orf72 in neuroinflammation and ALS and frontotemporal dementia. Journal of Clinical Investigation, 2017, 127, 3250-3258.	3.9	139
544	Recent advances in the molecular genetics of frontotemporal lobar degeneration. Functional Neurology, 2017, 32, 7.	1.3	29
545	Co-expression network analysis of lncRNAs and mRNAs in OPTN-silenced cells. International Journal of Molecular Medicine, 2018, 41, 1013-1020.	1.8	0
546	Emerging understanding of the genotype–phenotype relationship in amyotrophic lateral sclerosis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 148, 603-623.	1.0	30
547	Endoplasmic reticulum and mitochondria in diseases of motor and sensory neurons: a broken relationship?. Cell Death and Disease, 2018, 9, 333.	2.7	69
548	Neuronal autophagy and axon degeneration. Cellular and Molecular Life Sciences, 2018, 75, 2389-2406.	2.4	31
549	Linear ubiquitin chainâ€binding domains. FEBS Journal, 2018, 285, 2746-2761.	2.2	30
550	Determination of cytoplasmic optineurin foci sizes using image correlation spectroscopy. Journal of Biochemistry, 2018, 164, 223-229.	0.9	5
551	Elimination of TDP-43 inclusions linked to amyotrophic lateral sclerosis by a misfolding-specific intrabody with dual proteolytic signals. Scientific Reports, 2018, 8, 6030.	1.6	54
552	Comprehensive analysis of the mutation spectrum in 301 German ALS families. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 817-827.	0.9	80
553	Exploring the genetics and non-cell autonomous mechanisms underlying ALS/FTLD. Cell Death and Differentiation, 2018, 25, 648-662.	5.0	55
554	Structural insights into the ubiquitin recognition by OPTN (optineurin) and its regulation by TBK1-mediated phosphorylation. Autophagy, 2018, 14, 66-79.	4.3	84
555	Expression analysis of protein homeostasis pathways in the peripheral blood mononuclear cells of sporadic amyotrophic lateral sclerosis patients. Journal of the Neurological Sciences, 2018, 387, 85-91.	0.3	14
556	Screening for possible oligogenic pathogenesis in Chinese sporadic ALS patients. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 419-425.	1.1	16
557	Prion-like properties of disease-relevant proteins in amyotrophic lateral sclerosis. Journal of Neural Transmission, 2018, 125, 591-613.	1.4	16
558	Building and decoding ubiquitin chains for mitophagy. Nature Reviews Molecular Cell Biology, 2018, 19, 93-108.	16.1	458
559	Mutation-dependent aggregation and toxicity in a Drosophila model for UBQLN2-associated ALS. Human Molecular Genetics, 2018, 27, 322-337.	1.4	30
560	Causative Genes in Amyotrophic Lateral Sclerosis and Protein Degradation Pathways: a Link to Neurodegeneration. Molecular Neurobiology, 2018, 55, 6480-6499.	1.9	59

#	Article	IF	CITATIONS
561	Detergent Insoluble Proteins and Inclusion Body-Like Structures Immunoreactive for PRKDC/DNA-PK/DNA-PKcs, FTL, NNT, and AIFM1 in the Amygdala of Cognitively Impaired Elderly Persons. Journal of Neuropathology and Experimental Neurology, 2018, 77, 21-39.	0.9	21
562	Multiple Proteinopathies in Familial ALS Cases With Optineurin Mutations. Journal of Neuropathology and Experimental Neurology, 2018, 77, 128-138.	0.9	25
563	The Amygdala as a Locus of Pathologic Misfolding in Neurodegenerative Diseases. Journal of Neuropathology and Experimental Neurology, 2018, 77, 2-20.	0.9	77
564	Autophagy and lysosomal pathways in nervous system disorders. Molecular and Cellular Neurosciences, 2018, 91, 167-208.	1.0	22
565	Phosphorylated TDP-43 (pTDP-43) aggregates in the axial skeletal muscle of patients with sporadic and familial amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2018, 6, 28.	2.4	59
566	TLQP Peptides in Amyotrophic Lateral Sclerosis: Possible Blood Biomarkers with a Neuroprotective Role. Neuroscience, 2018, 380, 152-163.	1.1	16
567	ALS Genes in the Genomic Era and their Implications for FTD. Trends in Genetics, 2018, 34, 404-423.	2.9	229
568	TDP43 nuclear export and neurodegeneration in models of amyotrophic lateral sclerosis and frontotemporal dementia. Scientific Reports, 2018, 8, 4606.	1.6	116
569	Necroptosis in development and diseases. Genes and Development, 2018, 32, 327-340.	2.7	270
570	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	3.8	517
571	Identification of compound heterozygous variants in <i>OPTN</i> in an ALS-FTD patient from the CReATe consortium: a case report. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 469-471.	1.1	15
572	Innate immune adaptor TRIF deficiency accelerates disease progression of ALS mice with accumulation of aberrantly activated astrocytes. Cell Death and Differentiation, 2018, 25, 2130-2146.	5.0	36
573	Detection of mutations in MYOC, OPTN, NTF4, WDR36 and CYP1B1 in Chinese juvenile onset open-angle glaucoma using exome sequencing. Scientific Reports, 2018, 8, 4498.	1.6	29
574	C9orf72 plays a central role in Rab GTPase-dependent regulation of autophagy. Small GTPases, 2018, 9, 399-408.	0.7	45
575	Integrated molecular landscape of amyotrophic lateral sclerosis provides insights into disease etiology. Brain Pathology, 2018, 28, 203-211.	2.1	12
576	Genetics of Amyotrophic Lateral Sclerosis. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a024125.	2.9	151
577	A Genome-wide Expression Association Analysis Identifies Genes and Pathways Associated with Amyotrophic Lateral Sclerosis. Cellular and Molecular Neurobiology, 2018, 38, 635-639.	1.7	30
578	Effect of genetic variants of OPTN in the pathophysiology of Paget's disease of bone. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 143-151.	1.8	17

ARTICLE IF CITATIONS Optineurin pathology in the spinal cord of amyotrophic lateral sclerosis/parkinsonismâ€dementia 2.1 5 579 complex patients in Kii Peninsula, Japan. Brain Pathology, 2018, 28, 422-426. Mechanisms, pathophysiological roles and methods for analyzing mitophagy – recent insights. Biological Chemistry, 2018, 399, 147-178. 580 1.2 69 Pathogenic mutation in the ALS/FTD gene, CCNF, causes elevated Lys48-linked ubiquitylation and 581 2.4 44 defective autophagy. Cellular and Molecular Life Sciences, 2018, 75, 335-354. Interaction between optineurin and Rab1a regulates autophagosome formation in neuroblastoma 1.3 cells. Journal of Neuroscience Research, 2018, 96, 407-415. Neuroinflammation in Amyotrophic Lateral Sclerosis: Role of Redox (dys)Regulation. Antioxidants and 583 2.5 31 Redox Signaling, 2018, 29, 15-36. Investigating CCNF mutations in a Taiwanese cohort with amyotrophic lateral sclerosis. Neurobiology of Aging, 2018, 62, 243.e1-243.e6. 584 1.5 OPTN p.Met468Arg and ATXN2 intermediate length polyQ extension in families with C9orf72 mediated amyotrophic lateral sclerosis and frontotemporal dementia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 75-85. 585 1.1 12 Comparison of optical coherence tomography findings and visual field changes in patients with primary open-angle glaucoma and amyotrophic lateral sclerosis. Journal of Clinical Neuroscience, 586 0.8 10 2018, 48, 233-237 Optineurin promotes autophagosome formation by recruiting the autophagy-related Atg12-5-16L1 587 complex to phagophores containing the Wipi2 protein. Journal of Biological Chemistry, 2018, 293, 1.6 71 132-147. Expression of optineurin isolated from rat-injured dental pulp and the effects on inflammatory signals in normal rat kidney cells. Odontology / the Society of the Nippon Dental University, 2018, 106, 135-144. Immunohistochemical detection of C9orf72 protein in frontotemporal lobar degeneration and motor 589 neurone disease: patterns of immunostaining and an evaluation of commercial antibodies. 1.1 10 Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 102-111. Rab-dependent cellular trafficking and amyotrophic lateral sclerosis. Critical Reviews in Biochemistry 2.3 and Molecular Biology, 2018, 53, 623-651 ALS-Associated E478G Mutation in Human OPTN (Optineurin) Promotes Inflammation and Induces 591 2.2 33 Neuronal Cell Death. Frontiers in Immunology, 2018, 9, 2647. ALS Yeast Models—Past Success Stories and New Opportunities. Frontiers in Molecular Neuroscience, 1.4 2018, 11, 394. Properties of LINE-1 proteins and repeat element expression in the context of amyotrophic lateral 593 1.3 37 sclerosis. Mobile DNA, 2018, 9, 35. Microphysiological 3D model of amyotrophic lateral sclerosis (ALS) from human iPS-derived muscle 594 282 cells and optogenetic motor neurons. Science Advances, 2018, 4, eaat5847. Translational Research on Amyotrophic Lateral Sclerosis (ALS): The Preclinical SOD1 Mouse Model. 595 0.2 4 Journal of Translational Neurosciences, 2018, 03, . The Emerging Role of DNA Damage in the Pathogenesis of the C9orf72 Repeat Expansion in Amyotrophic 596 1.8 28 Lateral Sclerosis. International Journal of Molecular Sciences, 2018, 19, 3137.

#	Article	IF	CITATIONS
597	Role of Extracellular Vesicles in Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2018, 12, 574.	1.4	47
598	The <i>C9ORF72</i> Gene, Implicated in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia, Encodes a Protein That Functions in Control of Endothelin and Glutamate Signaling. Molecular and Cellular Biology, 2018, 38, .	1.1	26
599	ALS-associated genes display CNS expression in the developing zebrafish. Gene Expression Patterns, 2018, 30, 14-31.	0.3	6
600	Acetylation state of RelA modulated by epigenetic drugs prolongs survival and induces a neuroprotective effect on ALS murine model. Scientific Reports, 2018, 8, 12875.	1.6	30
601	Astrocyte elevated gene-1 is a novel regulator of astrogliosis and excitatory amino acid transporter-2 via interplaying with nuclear factor-ήB signaling in astrocytes from amyotrophic lateral sclerosis mouse model with hSOD1 G93A mutation. Molecular and Cellular Neurosciences, 2018, 90, 1-11.	1.0	16
602	Targeted next-generation sequencing reveals novel and rare variants in Indian patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2018, 71, 265.e9-265.e14.	1.5	28
603	Ubiquitination of ABCE1 by NOT4 in Response to Mitochondrial Damage Links Co-translational Quality Control to PINK1-Directed Mitophagy. Cell Metabolism, 2018, 28, 130-144.e7.	7.2	61
605	Colocalization of Bunina bodies and TDPâ€43 inclusions in a case of sporadic amyotrophic lateral sclerosis with Lewy bodyâ€like hyaline inclusions. Neuropathology, 2018, 38, 521-528.	0.7	11
606	Depletion of Ubiquilin induces an augmentation in soluble ubiquitinated Drosophila TDP-43 to drive neurotoxicity in the fly. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3038-3049.	1.8	17
607	Advances in Patient-Specific Induced Pluripotent Stem Cells Shed Light on Drug Discovery for Amyotrophic Lateral Sclerosis. Cell Transplantation, 2018, 27, 1301-1312.	1.2	14
608	Selective basal ganglia vulnerability to energy deprivation: Experimental and clinical evidences. Progress in Neurobiology, 2018, 169, 55-75.	2.8	30
609	TANK-Binding Kinase 1-Dependent Responses in Health and Autoimmunity. Frontiers in Immunology, 2018, 9, 434.	2.2	57
610	The Selective Autophagy Receptor Optineurin in Crohn's Disease. Frontiers in Immunology, 2018, 9, 766.	2.2	20
611	Optineurin Functions for Optimal Immunity. Frontiers in Immunology, 2018, 9, 769.	2.2	26
612	Dysfunction of Optineurin in Amyotrophic Lateral Sclerosis and Glaucoma. Frontiers in Immunology, 2018, 9, 1017.	2.2	79
613	Optineurin: A Coordinator of Membrane-Associated Cargo Trafficking and Autophagy. Frontiers in Immunology, 2018, 9, 1024.	2.2	84
614	Role of Optineurin in the Mitochondrial Dysfunction: Potential Implications in Neurodegenerative Diseases and Cancer. Frontiers in Immunology, 2018, 9, 1243.	2.2	50
615	Altered Functions and Interactions of Glaucoma-Associated Mutants of Optineurin. Frontiers in Immunology, 2018, 9, 1287.	2.2	45

#	Article	IF	CITATIONS
616	Circadian Rhythm Dysfunction Accelerates Disease Progression in a Mouse Model With Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2018, 9, 218.	1.1	26
617	Modeling Protein Aggregation and the Heat Shock Response in ALS iPSC-Derived Motor Neurons. Frontiers in Neuroscience, 2018, 12, 86.	1.4	42
618	Association Between Autophagy and Neurodegenerative Diseases. Frontiers in Neuroscience, 2018, 12, 255.	1.4	146
619	RNA Editing and Retrotransposons in Neurology. Frontiers in Molecular Neuroscience, 2018, 11, 163.	1.4	22
620	Autophagy in Age-Associated Neurodegeneration. Cells, 2018, 7, 37.	1.8	87
621	Amyotrophic Lateral Sclerosis: An Update for 2018. Mayo Clinic Proceedings, 2018, 93, 1617-1628.	1.4	227
622	FUS(1-359) transgenic mice as a model of ALS: pathophysiological and molecular aspects of the proteinopathy. Neurogenetics, 2018, 19, 189-204.	0.7	29
623	SOD1 in Amyotrophic Lateral Sclerosis: "Ambivalent―Behavior Connected to the Disease. International Journal of Molecular Sciences, 2018, 19, 1345.	1.8	112
624	Optineurin Insufficiency Disbalances Proinflammatory and Anti-inflammatory Factors by Reducing Microglial IFN-β Responses. Neuroscience, 2018, 388, 139-151.	1.1	17
625	Drosophila models of amyotrophic lateral sclerosis with defects in RNA metabolism. Brain Research, 2018, 1693, 109-120.	1.1	14
626	Genotypic and Phenotypic Heterogeneity in Amyotrophic Lateral Sclerosis. , 2018, , 279-295.		3
627	Identification of a splice variant of optineurin which is defective in autophagy and phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1526-1538.	1.9	14
628	Modeling sporadic ALS in iPSC-derived motor neurons identifies a potential therapeutic agent. Nature Medicine, 2018, 24, 1579-1589.	15.2	268
629	WDR41 supports lysosomal response to changes in amino acid availability. Molecular Biology of the Cell, 2018, 29, 2213-2227.	0.9	31
630	Autophagy receptor optineurin promotes autophagosome formation by potentiating LC3-II production and phagophore maturation. Communicative and Integrative Biology, 2018, 11, 1-4.	0.6	23
631	Parkin is a disease modifier in the mutant <scp>SOD</scp> 1 mouse model of <scp>ALS</scp> . EMBO Molecular Medicine, 2018, 10, .	3.3	58
632	Redefining clinical outcomes and endpoints in glaucoma. Expert Review of Ophthalmology, 2018, 13, 113-127.	0.3	3
633	The role of lysosomes and autophagosomes in frontotemporal lobar degeneration. Neuropathology and Applied Neurobiology, 2019, 45, 244-261.	1.8	20

#	Article	IF	CITATIONS
634	ACBD3 is required for FAPP2 transferring glucosylceramide through maintaining the Golgi integrity. Journal of Molecular Cell Biology, 2019, 11, 107-117.	1.5	23
635	Genetic alterations of C9orf72, SOD1, TARDBP, FUS, and UBQLN2 genes in patients with Amyotrophic Lateral Sclerosis. Cogent Medicine, 2019, 6, 1582400.	0.7	4
636	Identification and characterization of novel and rare susceptible variants in Indian amyotrophic lateral sclerosis patients. Neurogenetics, 2019, 20, 197-208.	0.7	18
637	Deletion of <i>Ripk3</i> Prevents Motor Neuron Death <i>In Vitro</i> but not <i>In Vivo</i> . ENeuro, 2019, 6, ENEURO.0308-18.2018.	0.9	35
638	The Peripheral Nervous System in Amyotrophic Lateral Sclerosis: Opportunities for Translational Research. Frontiers in Neuroscience, 2019, 13, 601.	1.4	28
639	Motor Neuron Susceptibility in ALS/FTD. Frontiers in Neuroscience, 2019, 13, 532.	1.4	140
640	Neuroinflammation in frontotemporal dementia. Nature Reviews Neurology, 2019, 15, 540-555.	4.9	159
641	Methods to detect mitophagy in neurons during disease. Journal of Neuroscience Methods, 2019, 325, 108351.	1.3	5
642	Autophagy in Neurons. Annual Review of Cell and Developmental Biology, 2019, 35, 477-500.	4.0	191
643	The activation of Mucolipin TRP channel 1 (TRPML1) protects motor neurons from L-BMAA neurotoxicity by promoting autophagic clearance. Scientific Reports, 2019, 9, 10743.	1.6	41
644	Partial Failure of Proteostasis Systems Counteracting TDP-43 Aggregates in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2019, 20, 3685.	1.8	18
645	The role of protein complexes in human genetic disease. Protein Science, 2019, 28, 1400-1411.	3.1	53
646	Pluripotent Stem Cells in Eye Disease Therapy. Advances in Experimental Medicine and Biology, 2019, , .	0.8	4
647	Autophagy-Related Gene Expression Changes Are Found in Pancreatic Cancer and Neurodegenerative Diseases. , 2019, , .		1
648	Theme 2 Genetics and genomics. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 114-134.	1.1	0
649	Prion-Like Propagation of Protein Misfolding and Aggregation in Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2019, 12, 262.	1.4	101
650	Advances in the Differentiation of Retinal Ganglion Cells from Human Pluripotent Stem Cells. Advances in Experimental Medicine and Biology, 2019, 1186, 121-140.	0.8	8
651	Transgenic and physiological mouse models give insights into different aspects of amyotrophic lateral sclerosis. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	65

#	Article	IF	CITATIONS
652	Glaucoma-Associated Mutations in the Optineurin Gene Have Limited Impact on Parkin-Dependent Mitophagy. , 2019, 60, 3625.		20
653	RNA editing in the forefront of epitranscriptomics and human health. Journal of Translational Medicine, 2019, 17, 319.	1.8	86
654	MAP4K4 Activation Mediates Motor Neuron Degeneration in Amyotrophic Lateral Sclerosis. Cell Reports, 2019, 26, 1143-1156.e5.	2.9	53
655	Molecular Mechanisms of TDP-43 Misfolding and Pathology in Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2019, 12, 25.	1.4	459
656	Are Proteinopathy and Oxidative Stress Two Sides of the Same Coin?. Cells, 2019, 8, 59.	1.8	6
657	The ALS-FTD-linked gene product, C9orf72, regulates neuronal morphogenesis via autophagy. Autophagy, 2019, 15, 827-842.	4.3	64
658	Better survival in female SOD1-mutant patients with ALS: a study of SOD1-related natural history. Translational Neurodegeneration, 2019, 8, 2.	3.6	22
659	Roles of Autophagy-Related Genes in the Pathogenesis of Inflammatory Bowel Disease. Cells, 2019, 8, 77.	1.8	74
660	Mendelian genes in primary open angle glaucoma. Experimental Eye Research, 2019, 186, 107702.	1.2	39
661	Risk Factors and Emerging Therapies in Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2019, 20, 2616.	1.8	73
662	A novel S379A TARDBP mutation associated to late-onset sporadic ALS. Neurological Sciences, 2019, 40, 2111-2118.	0.9	6
663	Cellular Specificity of NF-κB Function in the Nervous System. Frontiers in Immunology, 2019, 10, 1043.	2.2	201
664	A novel <i>TBK1</i> mutation in a family with diverse frontotemporal dementia spectrum disorders. Journal of Physical Education and Sports Management, 2019, 5, a003913.	0.5	19
665	Mitochondrial Transport and Turnover in the Pathogenesis of Amyotrophic Lateral Sclerosis. Biology, 2019, 8, 36.	1.3	30
666	Rare homozygosity in amyotrophic lateral sclerosis suggests the contribution of recessive variants to disease genetics. Journal of the Neurological Sciences, 2019, 402, 62-68.	0.3	10
667	<i>MFSD8</i> gene mutations; evidence for phenotypic heterogeneity. Ophthalmic Genetics, 2019, 40, 141-145.	0.5	14
668	Anti-Neuroinflammatory Effect of Jaeumganghwa-Tang in an Animal Model of Amyotrophic Lateral Sclerosis. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-7.	0.5	8
669	Bridging biophysics and neurology: aberrant phase transitions in neurodegenerative disease. Nature Reviews Neurology, 2019, 15, 272-286.	4.9	150

#	Article	IF	CITATIONS
670	Increased FUS levels in astrocytes leads to astrocyte and microglia activation and neuronal death. Scientific Reports, 2019, 9, 4572.	1.6	34
671	Network approach identifies Pacer as an autophagy protein involved in ALS pathogenesis. Molecular Neurodegeneration, 2019, 14, 14.	4.4	33
672	Microglial activation in an amyotrophic lateral sclerosis-like model caused by Ranbp2 loss and nucleocytoplasmic transport impairment in retinal ganglion neurons. Cellular and Molecular Life Sciences, 2019, 76, 3407-3432.	2.4	18
673	The coming-of-age of nucleocytoplasmic transport in motor neuron disease and neurodegeneration. Cellular and Molecular Life Sciences, 2019, 76, 2247-2273.	2.4	27
674	Rare Inherited forms of Paget's Disease and Related Syndromes. Calcified Tissue International, 2019, 104, 501-516.	1.5	26
675	Autophagic and endo-lysosomal dysfunction in neurodegenerative disease. Molecular Brain, 2019, 12, 100.	1.3	122
676	ALS Genetics, Mechanisms, and Therapeutics: Where Are We Now?. Frontiers in Neuroscience, 2019, 13, 1310.	1.4	487
677	New insights on the disease contribution of neuroinflammation in amyotrophic lateral sclerosis. Current Opinion in Neurology, 2019, 32, 764-770.	1.8	20
678	Retinal correlates of neurological disorders. Therapeutic Advances in Chronic Disease, 2019, 10, 204062231988220.	1.1	36
679	Novel mutation in optineurin causing aggressive ALS+/â^ frontotemporal dementia. Annals of Clinical and Translational Neurology, 2019, 6, 2377-2383.	1.7	20
680	Neuroanatomical Quantitative Proteomics Reveals Common Pathogenic Biological Routes between Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Dementia (FTD). International Journal of Molecular Sciences, 2019, 20, 4.	1.8	74
681	New molecular diagnostic trends and biomarkers for amyotrophic lateral sclerosis. Human Mutation, 2019, 40, 361-373.	1.1	15
682	Immune dysregulation in amyotrophic lateral sclerosis: mechanisms and emerging therapies. Lancet Neurology, The, 2019, 18, 211-220.	4.9	206
683	RNA Binding Proteins and the Pathogenesis of Frontotemporal Lobar Degeneration. Annual Review of Pathology: Mechanisms of Disease, 2019, 14, 469-495.	9.6	32
684	Recent advances in genetically modified animal models of glaucoma and their roles in drug repositioning. British Journal of Ophthalmology, 2019, 103, 161-166.	2.1	41
685	Evolving and Expanding the Roles of Mitophagy as a Homeostatic and Pathogenic Process. Physiological Reviews, 2019, 99, 853-892.	13.1	145
686	The Motor Neuron Diseases and Amyotrophic Lateral Sclerosis. , 2019, , 157-191.		0
687	The cargo receptor SQSTM1 ameliorates neurofibrillary tangle pathology and spreading through selective targeting of pathological MAPT (microtubule associated protein tau). Autophagy, 2019, 15, 583-598	4.3	39

#	Article	IF	CITATIONS
689	Mechanistic Insights into Neurodegenerative Diseases: The Potential for the Development of Novel Therapeutics. , 2019, , 225-240.		0
690	Inherited Neurodegenerative Disorders. , 2019, , 73-79.		0
691	¿Por qué degeneran las motoneuronas? Actualización en la patogenia de la esclerosis lateral amiotrófica. NeurologÃa, 2019, 34, 27-37.	0.3	32
692	The role of mitochondria in amyotrophic lateral sclerosis. Neuroscience Letters, 2019, 710, 132933.	1.0	356
693	Autophagy as a common pathway in amyotrophic lateral sclerosis. Neuroscience Letters, 2019, 697, 34-48.	1.0	80
694	Why do motor neurons degenerate? Actualisation in the pathogenesis of amyotrophic lateral sclerosis. NeurologÃa (English Edition), 2019, 34, 27-37.	0.2	0
695	Multifaceted role of SMCR8 as autophagy regulator. Small GTPases, 2020, 11, 53-61.	0.7	9
696	Effect of Timolol on Optineurin Aggregation in Transformed Induced Pluripotent Stem Cells Derived From Patient With Familial Claucoma. , 2020, 59, 2293.		13
697	The Role of Sex and Sex Hormones in Neurodegenerative Diseases. Endocrine Reviews, 2020, 41, 273-319.	8.9	118
698	The interplay between agingâ€associated loss of protein homeostasis and extracellular vesicles in neurodegeneration. Journal of Neuroscience Research, 2020, 98, 262-283.	1.3	21
699	Alternative Splicing of ALS Genes: Misregulation and Potential Therapies. Cellular and Molecular Neurobiology, 2020, 40, 1-14.	1.7	28
700	Quality Control in Neurons: Mitophagy and Other Selective Autophagy Mechanisms. Journal of Molecular Biology, 2020, 432, 240-260.	2.0	66
701	ALS and FTD: Where RNA metabolism meets protein quality control. Seminars in Cell and Developmental Biology, 2020, 99, 183-192.	2.3	39
702	Early-onset glaucoma. , 2020, , 95-116.		1
703	Genetics of primary open-angle glaucoma. , 2020, , 181-201.		0
704	Ubiquitin and Receptor-Dependent Mitophagy Pathways and Their Implication in Neurodegeneration. Journal of Molecular Biology, 2020, 432, 2510-2524.	2.0	53
705	SQSTM1/p62 variants in 486 patients with familial ALS from Germany and Sweden. Neurobiology of Aging, 2020, 87, 139.e9-139.e15.	1.5	23
706	Neuropathological characterization of a novel TANK binding kinase ( TBK1 ) gene loss of function mutation associated with amyotrophic lateral sclerosis. Neuropathology and Applied Neurobiology, 2020, 46, 279-291.	1.8	12

	CITATION RI	CITATION REPORT	
#	Article	IF	CITATIONS
707	Mitophagy in Alzheimer's Disease and Other Age-Related Neurodegenerative Diseases. Cells, 2020, 9, 150.	1.8	151
708	Autophagy Induction as a Therapeutic Strategy for Neurodegenerative Diseases. Journal of Molecular Biology, 2020, 432, 2799-2821.	2.0	157
709	Mitochondrially-targeted treatment strategies. Molecular Aspects of Medicine, 2020, 71, 100836.	2.7	40
710	Heavy metal toxicity and the aetiology of glaucoma. Eye, 2020, 34, 129-137.	1.1	24
711	Invited Review: The role of prionâ€like mechanisms in neurodegenerative diseases. Neuropathology and Applied Neurobiology, 2020, 46, 522-545.	1.8	72
712	Beyond aggregation: Pathological phase transitions in neurodegenerative disease. Science, 2020, 370, 56-60.	6.0	231
713	ALS-Related Mutant SOD1 Aggregates Interfere with Mitophagy by Sequestering the Autophagy Receptor Optineurin. International Journal of Molecular Sciences, 2020, 21, 7525.	1.8	24
714	The prion-like nature of amyotrophic lateral sclerosis. Progress in Molecular Biology and Translational Science, 2020, 175, 261-296.	0.9	14
715	ALS Genetics: Gains, Losses, and Implications for Future Therapies. Neuron, 2020, 108, 822-842.	3.8	212
716	The Impact of Mitochondrial Deficiencies in Neuromuscular Diseases. Antioxidants, 2020, 9, 964.	2.2	21
717	Amyotrophic Lateral Sclerosis: A Neurodegenerative Motor Neuron Disease With Ocular Involvement. Frontiers in Neuroscience, 2020, 14, 566858.	1.4	47
718	High-Throughput Genetic Testing in ALS: The Challenging Path of Variant Classification Considering the ACMG Guidelines. Genes, 2020, 11, 1123.	1.0	15
719	Respiratory pathology in the Optn mouse model of Amyotrophic Lateral Sclerosis. Respiratory Physiology and Neurobiology, 2020, 282, 103525.	0.7	5
720	Immunity in amyotrophic lateral sclerosis: blurred lines between excessive inflammation and inefficient immune responses. Brain Communications, 2020, 2, fcaa124.	1.5	53
721	SETX (senataxin), the helicase mutated in AOA2 and ALS4, functions in autophagy regulation. Autophagy, 2021, 17, 1889-1906.	4.3	34
722	Identifying putative cerebrospinal fluid biomarkers of <scp>amyotrophic lateral sclerosis</scp> in a north Indian population. Muscle and Nerve, 2020, 62, 528-533.	1.0	10
723	Lysine acetylation regulates the RNA binding, subcellular localization and inclusion formation of FUS. Human Molecular Genetics, 2020, 29, 2684-2697.	1.4	32
724	Receptor-interacting protein kinase 1 (RIPK1) as a therapeutic target. Nature Reviews Drug Discovery, 2020, 19, 553-571.	21.5	229

#	Article	IF	CITATIONS
725	Human Induced Pluripotent Stem Cell Models of Neurodegenerative Disorders for Studying the Biomedical Implications of Autophagy. Journal of Molecular Biology, 2020, 432, 2754-2798.	2.0	15
726	The diverse role of optineurin in pathogenesis of disease. Biochemical Pharmacology, 2020, 180, 114157.	2.0	4
727	Interactome Mapping Provides a Network of Neurodegenerative Disease Proteins and Uncovers Widespread Protein Aggregation in Affected Brains. Cell Reports, 2020, 32, 108050.	2.9	64
728	Association of Open-Angle Glaucoma with Non-Alzheimer's Dementia and Cognitive Impairment. Ophthalmology Glaucoma, 2020, 3, 460-465.	0.9	5
729	Protein quality control by the proteasome and autophagy: A regulatory role of ubiquitin and liquid-liquid phase separation. Matrix Biology, 2021, 100-101, 9-22.	1.5	14
730	The Impact of ALS-Associated Genes hnRNPA1, MATR3, VCP and UBQLN2 on the Severity of TDP-43 Aggregation. Cells, 2020, 9, 1791.	1.8	6
731	Stem Cell Therapy in Motor Neuron Disease. , 2020, , .		0
732	Molecular and Cellular Mechanisms Affected in ALS. Journal of Personalized Medicine, 2020, 10, 101.	1.1	79
733	Insights into the regulatory molecules involved in glaucoma pathogenesis. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2020, 184, 782-827.	0.7	18
734	The role of TDP-43 mislocalization in amyotrophic lateral sclerosis. Molecular Neurodegeneration, 2020, 15, 45.	4.4	178
735	Pathogenic Genome Signatures That Damage Motor Neurons in Amyotrophic Lateral Sclerosis. Cells, 2020, 9, 2687.	1.8	14
736	Ubiquitin Homeostasis Is Disrupted in TDP-43 and FUS Cell Models of ALS. IScience, 2020, 23, 101700.	1.9	28
737	Pathogenic Single Nucleotide Polymorphisms on Autophagy-Related Genes. International Journal of Molecular Sciences, 2020, 21, 8196.	1.8	14
738	PINK1/PARKIN signalling in neurodegeneration and neuroinflammation. Acta Neuropathologica Communications, 2020, 8, 189.	2.4	204
739	Amyotrophic Lateral Sclerosis Modifiers in <i>Drosophila</i> Reveal the Phospholipase D Pathway as a Potential Therapeutic Target. Genetics, 2020, 215, 747-766.	1.2	22
740	Glaucoma as a Neurodegenerative Disease Caused by Intrinsic Vulnerability Factors. Progress in Neurobiology, 2020, 193, 101817.	2.8	27
741	UBQLN2 Promotes the Production of Type I Interferon via the TBK1-IRF3 Pathway. Cells, 2020, 9, 1205.	1.8	4
742	Membrane trafficking in health and disease. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	87

		CITATION REPORT	
#	Article	IF	CITATIONS
743	Mendelian neurodegenerative disease genes involved in autophagy. Cell Discovery, 2020, 6, 24.	3.1	33
744	The Peripheral Immune System and Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2020, 11, 279.	1.1	57
745	Autophagosome biogenesis and human health. Cell Discovery, 2020, 6, 33.	3.1	66
746	Autophagy in Neurodegenerative Diseases: A Hunter for Aggregates. International Journal of Molecular Sciences, 2020, 21, 3369.	1.8	108
747	OPTN recruitment to a Golgi-proximal compartment regulates immune signalling and cytokine secretion. Journal of Cell Science, 2020, 133, .	1.2	15
748	Linear Ubiquitin Code: Its Writer, Erasers, Decoders, Inhibitors, and Implications in Disorders. International Journal of Molecular Sciences, 2020, 21, 3381.	1.8	37
750	Emerging Drugs for the Treatment of Amyotrophic Lateral Sclerosis: A Focus on Recent Phase 2 Trials. Expert Opinion on Emerging Drugs, 2020, 25, 145-164.	1.0	10
751	Amyotrophic lateral sclerosis: a clinical review. European Journal of Neurology, 2020, 27, 1918-1929.	1.7	451
752	Angiogenesis-Centered Molecular Cross-Talk in Amyotrophic Lateral Sclerosis Survival: Mechanistic Insights. Critical Reviews in Eukaryotic Gene Expression, 2020, 30, 137-151.	0.4	3
753	What do we know about the variability in survival of patients with amyotrophic lateral sclerosis?. Expert Review of Neurotherapeutics, 2020, 20, 921-941.	1.4	10
754	Revisiting the complex architecture of ALS in Turkey: Expanding genotypes, shared phenotypes, molecular networks, and a public variant database. Human Mutation, 2020, 41, e7-e45.	1.1	10
755	CYLD is a causative gene for frontotemporal dementia – amyotrophic lateral sclerosis. Brain, 2020, 143, 783-799.	3.7	62
756	Reappraisal of the anatomical spreading and propagation hypothesis about TDPâ€43 aggregation in amyotrophic lateral sclerosis and frontotemporal lobar degeneration. Neuropathology, 2020, 40, 426-435.	0.7	15
757	Inactivation of Hippo and cJun-N-terminal Kinase (JNK) signaling mitigate FUS mediated neurodegeneration in vivo. Neurobiology of Disease, 2020, 140, 104837.	2.1	32
758	Omics Approach to Axonal Dysfunction of Motor Neurons in Amyotrophic Lateral Sclerosis (ALS). Frontiers in Neuroscience, 2020, 14, 194.	1.4	42
759	Motor Neuron Generation from iPSCs from Identical Twins Discordant for Amyotrophic Lateral Sclerosis. Cells, 2020, 9, 571.	1.8	13
760	Unraveling Mechanisms of Patient-Specific NRXN1 Mutations in Neuropsychiatric Diseases Using Human Induced Pluripotent Stem Cells. Stem Cells and Development, 2020, 29, 1142-1144.	1.1	3
761	Association of <i>APOE</i> With Primary Open-Angle Glaucoma Suggests a Protective Effect for <i>APOE ε4</i> . , 2020, 61, 3.		23

#	Article	IF	CITATIONS
762	Multifaceted Genes in Amyotrophic Lateral Sclerosis-Frontotemporal Dementia. Frontiers in Neuroscience, 2020, 14, 684.	1.4	32
763	Autophagy in motor neuron diseases. Progress in Molecular Biology and Translational Science, 2020, 172, 157-202.	0.9	2
764	A Systematic Review of Genotype–Phenotype Correlation across Cohorts Having Causal Mutations of Different Genes in ALS. Journal of Personalized Medicine, 2020, 10, 58.	1.1	36
766	Regulation and repurposing of nutrient sensing and autophagy in innate immunity. Autophagy, 2021, 17, 1571-1591.	4.3	27
767	Sorting Rare ALS Genetic Variants by Targeted Re-Sequencing Panel in Italian Patients: OPTN, VCP, and SQSTM1 Variants Account for 3% of Rare Genetic Forms. Journal of Clinical Medicine, 2020, 9, 412.	1.0	24
768	Genome-wide siRNA screening reveals that DCAF4-mediated ubiquitination of optineurin stimulates autophagic degradation of Cu,Zn-superoxide dismutase. Journal of Biological Chemistry, 2020, 295, 3148-3158.	1.6	1
769	Pharmacological Tools to Modulate Autophagy in Neurodegenerative Diseases. Journal of Molecular Biology, 2020, 432, 2822-2842.	2.0	26
770	Structural Variants May Be a Source of Missing Heritability in sALS. Frontiers in Neuroscience, 2020, 14, 47.	1.4	43
771	Pathomechanism Heterogeneity in the Amyotrophic Lateral Sclerosis and Frontotemporal Dementia Disease Spectrum: Providing Focus Through the Lens of Autophagy. Journal of Molecular Biology, 2020, 432, 2692-2713.	2.0	18
773	Ropinirole, a New ALS Drug Candidate Developed Using iPSCs. Trends in Pharmacological Sciences, 2020, 41, 99-109.	4.0	63
774	Disease-modifying therapies in amyotrophic lateral sclerosis. Neuropharmacology, 2020, 167, 107986.	2.0	75
775	Potential of activated microglia as a source of dysregulated extracellular microRNAs contributing to neurodegeneration in amyotrophic lateral sclerosis. Journal of Neuroinflammation, 2020, 17, 135.	3.1	25
776	Targeting Ubiquitin-Proteasome Pathway by Natural Products: Novel Therapeutic Strategy for Treatment of Neurodegenerative Diseases. Frontiers in Physiology, 2020, 11, 361.	1.3	24
777	Optineurin regulates osteoblastogenesis through STAT1. Biochemical and Biophysical Research Communications, 2020, 525, 889-894.	1.0	8
778	The NGS technology for the identification of genes associated with the ALS. A systematic review. European Journal of Clinical Investigation, 2020, 50, e13228.	1.7	16
779	Proteostasis Failure in Neurodegenerative Diseases: Focus on Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-21.	1.9	88
780	MitophAging: Mitophagy in Aging and Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 239.	1.8	87
781	Review: Microglia in motor neuron disease. Neuropathology and Applied Neurobiology, 2021, 47, 179-197.	1.8	20

#	Article	IF	CITATIONS
782	Organelle-specific autophagy in inflammatory diseases: a potential therapeutic target underlying the quality control of multiple organelles. Autophagy, 2021, 17, 385-401.	4.3	195
783	Reactive Oxygen Species and Their Impact in Neurodegenerative Diseases: Literature Landscape Analysis. Antioxidants and Redox Signaling, 2021, 34, 402-420.	2.5	69
784	Multisystem proteinopathy: Where myopathy and motor neuron disease converge. Muscle and Nerve, 2021, 63, 442-454.	1.0	33
785	Underlying genetic variation in familial frontotemporal dementia: sequencing of 198 patients. Neurobiology of Aging, 2021, 97, 148.e9-148.e16.	1.5	17
786	Remodeling without destruction: non-proteolytic ubiquitin chains in neural function and brain disorders. Molecular Psychiatry, 2021, 26, 247-264.	4.1	17
787	Genetic inactivation of RIP1 kinase does not ameliorate disease in a mouse model of ALS. Cell Death and Differentiation, 2021, 28, 915-931.	5.0	21
788	Mechanisms of neuronal survival safeguarded by endocytosis and autophagy. Journal of Neurochemistry, 2021, 157, 263-296.	2.1	25
789	TBK1 variants in Chinese patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2021, 97, 149.e9-149.e15.	1.5	8
790	Molecular mechanisms of mitophagy and its roles in neurodegenerative diseases. Pharmacological Research, 2021, 163, 105240.	3.1	30
791	Four novel optineurin mutations in patients with sporadic amyotrophic lateral sclerosis in Mainland China. Neurobiology of Aging, 2021, 97, 149.e1-149.e8.	1.5	5
792	Optineurin modulates ER stress-induced signaling pathways and cell death. Biochemical and Biophysical Research Communications, 2021, 534, 297-302.	1.0	11
793	Selective autophagy of intracellular organelles: Recent research advances. Theranostics, 2021, 11, 222-256.	4.6	207
794	ALS-CSF-induced structural changes in spinal motor neurons of rat pups cause deficits in motor behaviour. Experimental Brain Research, 2021, 239, 315-327.	0.7	6
795	Ubiquitin signaling in neurodegenerative diseases: an autophagy and proteasome perspective. Cell Death and Differentiation, 2021, 28, 439-454.	5.0	39
796	Optineurin defects cause TDP43-pathology with autophagic vacuolar formation. Neurobiology of Disease, 2021, 148, 105215.	2.1	15
797	Chicken optineurin suppresses MDA5-mediated interferon Î <sup>2</sup> production. Poultry Science, 2021, 100, 9-18.	1.5	6
798	Role and therapeutic potential of liquid–liquid phase separation in amyotrophic lateral sclerosis. Journal of Molecular Cell Biology, 2021, 13, 15-28.	1.5	23
799	Ubiquitin signalling in neurodegeneration: mechanisms and therapeutic opportunities. Cell Death and Differentiation, 2021, 28, 570-590.	5.0	197

#	Article	IF	CITATIONS
800	The multiâ€functional RNAâ€binding protein G3BP1 and its potential implication in neurodegenerative disease. Journal of Neurochemistry, 2021, 157, 944-962.	2.1	33
801	Neuroimmune connections between corticotropin-releasing hormone and mast cells: novel strategies for the treatment of neurodegenerative diseases. Neural Regeneration Research, 2021, 16, 2184.	1.6	13
802	The Evolving Landscape of Exosomes in Neurodegenerative Diseases: Exosomes Characteristics and a Promising Role in Early Diagnosis. International Journal of Molecular Sciences, 2021, 22, 440.	1.8	84
803	Molecular mechanisms and physiological functions of mitophagy. EMBO Journal, 2021, 40, e104705.	3.5	553
804	Met1-linked ubiquitin signalling in health and disease: inflammation, immunity, cancer, and beyond. Cell Death and Differentiation, 2021, 28, 473-492.	5.0	30
805	A glaucoma―and ALSâ€associated mutant of OPTN induces neuronal cell death dependent on Tbk1 activity, autophagy and ER stress. FEBS Journal, 2021, 288, 4576-4595.	2.2	22
806	Emerging Evidence Highlighting the Importance of Redox Dysregulation in the Pathogenesis of Amyotrophic Lateral Sclerosis (ALS). Frontiers in Cellular Neuroscience, 2020, 14, 581950.	1.8	15
807	Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degenerations: Similarities in Genetic Background. Diagnostics, 2021, 11, 509.	1.3	7
808	Crosstalk Between NDP52 and LUBAC in Innate Immune Responses, Cell Death, and Xenophagy. Frontiers in Immunology, 2021, 12, 635475.	2.2	5
809	Genetic testing in dementiaâ€A medical genetics perspective. International Journal of Geriatric Psychiatry, 2021, 36, 1158-1170.	1.3	9
810	The E50K optineurin mutation impacts autophagy-mediated degradation of TDP-43 and leads to RGC apoptosis in vivo and in vitro. Cell Death Discovery, 2021, 7, 49.	2.0	19
811	LUBAC-mediated linear ubiquitination: a crucial regulator of immune signaling. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2021, 97, 120-133.	1.6	18
812	Mitochondrial clearance: mechanisms and roles in cellular fitness. FEBS Letters, 2021, 595, 1239-1263.	1.3	28
813	Isolated homozygous R217X OPTN mutation causes knock-out of functional C-terminal optineurin domains and associated oligodendrogliopathy-dominant ALS–TDP. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1022-1024.	0.9	2
814	Phosphorylation regulates the binding of autophagy receptors to FIP200 Claw domain for selective autophagy initiation. Nature Communications, 2021, 12, 1570.	5.8	45
815	Multiple ways to a dead end: diverse mechanisms by which ALS mutant genes induce cell death. Cell Cycle, 2021, 20, 631-646.	1.3	3
816	Oligodendrocyte Dysfunction in Amyotrophic Lateral Sclerosis: Mechanisms and Therapeutic Perspectives. Cells, 2021, 10, 565.	1.8	40
817	Defective Oligodendroglial Lineage and Demyelination in Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2021, 22, 3426.	1.8	11

#	Article	IF	CITATIONS
818	Nucleocytoplasmic Transport: Regulatory Mechanisms and the Implications in Neurodegeneration. International Journal of Molecular Sciences, 2021, 22, 4165.	1.8	25
819	Characterization of the upstream and intron promoters of the gene encoding TAR DNA-binding protein. Scientific Reports, 2021, 11, 8720.	1.6	3
822	Emerging views of OPTN (optineurin) function in the autophagic process associated with disease. Autophagy, 2022, 18, 73-85.	4.3	39
823	The Novel Regulatory Role of IncRNA-miRNA-mRNA Axis in Amyotrophic Lateral Sclerosis: An Integrated Bioinformatics Analysis. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-12.	0.7	6
824	Mutation Screening of the GLE1 Gene in a Large Chinese Cohort of Amyotrophic Lateral Sclerosis Patients. Frontiers in Neuroscience, 2021, 15, 595775.	1.4	0
825	Type IIa RPTPs and Glycans: Roles in Axon Regeneration and Synaptogenesis. International Journal of Molecular Sciences, 2021, 22, 5524.	1.8	10
826	Retinal Damage in Amyotrophic Lateral Sclerosis: Underlying Mechanisms. Eye and Brain, 2021, Volume 13, 131-146.	3.8	14
827	Neurodegenerative diseases: a hotbed for splicing defects and the potential therapies. Translational Neurodegeneration, 2021, 10, 16.	3.6	39
828	Autophagy and ALS: mechanistic insights and therapeutic implications. Autophagy, 2022, 18, 254-282.	4.3	66
829	New advances in Amyotrophic Lateral Sclerosis genetics: Towards gene therapy opportunities for familial and young cases. Revue Neurologique, 2021, 177, 524-535.	0.6	3
830	Novel Optineurin Frameshift Insertion in a Family With Frontotemporal Dementia and Parkinsonism Without Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2021, 12, 645913.	1.1	6
831	Conformational stabilization of optineurin by the dynamic interaction of linear polyubiquitin. Biochemical and Biophysical Research Communications, 2021, 559, 203-209.	1.0	1
832	TDPâ€43 proteinopathy occurs independently of autophagic substrate accumulation and underlies nuclear defects in Niemannâ€Pick C disease. Neuropathology and Applied Neurobiology, 2021, 47, 1019-1032.	1.8	3
833	Perturbations of the Proteome and of Secreted Metabolites in Primary Astrocytes from the hSOD1(G93A) ALS Mouse Model. International Journal of Molecular Sciences, 2021, 22, 7028.	1.8	9
834	DNA damage as a mechanism of neurodegeneration in ALS and a contributor to astrocyte toxicity. Cellular and Molecular Life Sciences, 2021, 78, 5707-5729.	2.4	44
835	Mechanisms of TDP-43 Proteinopathy Onset and Propagation. International Journal of Molecular Sciences, 2021, 22, 6004.	1.8	9
836	Mitochondrial function in development and disease. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	48
837	Bidirectional communication between mast cells and the gut-brain axis in neurodegenerative diseases: Avenues for therapeutic intervention. Brain Research Bulletin, 2021, 172, 61-78.	1.4	14

#	Article	IF	CITATIONS
839	Primary Lateral Sclerosis: Clinical, radiological and molecular features. Revue Neurologique, 2022, 178, 196-205.	0.6	15
840	Lysosome dysfunction as a cause of neurodegenerative diseases: Lessons from frontotemporal dementia and amyotrophic lateral sclerosis. Neurobiology of Disease, 2021, 154, 105360.	2.1	101
841	Viral vector gene delivery of the novel chaperone protein SRCP1 to modify insoluble protein in in vitro and in vivo models of ALS. Gene Therapy, 2023, 30, 528-533.	2.3	5
842	Mitophagy Regulates Neurodegenerative Diseases. Cells, 2021, 10, 1876.	1.8	24
843	How Inflammation Pathways Contribute to Cell Death in Neuro-Muscular Disorders. Biomolecules, 2021, 11, 1109.	1.8	7
844	The optineurin/TIA1 pathway inhibits aberrant stress granule formation and reduces ubiquitinated TDP-43. IScience, 2021, 24, 102733.	1.9	12
845	Amyotrophic Lateral Sclerosis (ALS): Stressed by Dysfunctional Mitochondria-Endoplasmic Reticulum Contacts (MERCs). Cells, 2021, 10, 1789.	1.8	23
846	Targeting autophagy in disease: established and new strategies. Autophagy, 2022, 18, 473-495.	4.3	77
847	Interplay between immunity and amyotrophic lateral sclerosis: Clinical impact. Neuroscience and Biobehavioral Reviews, 2021, 127, 958-978.	2.9	22
849	Deciphering Neurodegenerative Diseases Using Long-Read Sequencing. Neurology, 2021, 97, 423-433.	1.5	12
850	The spectrum of neurodevelopmental, neuromuscular and neurodegenerative disorders due to defective autophagy. Autophagy, 2022, 18, 496-517.	4.3	18
851	Aberrant Stress Granule Dynamics and Aggrephagy in ALS Pathogenesis. Cells, 2021, 10, 2247.	1.8	17
852	CSF Diagnostics: A Potentially Valuable Tool in Neurodegenerative and Inflammatory Disorders Involving Motor Neurons: A Review. Diagnostics, 2021, 11, 1522.	1.3	6
853	Emerging contributions of formyl peptide receptors to neurodegenerative diseases. Biological Chemistry, 2022, 403, 27-41.	1.2	10
854	Impaired Mitophagy in Neurons and Glial Cells during Aging and Age-Related Disorders. International Journal of Molecular Sciences, 2021, 22, 10251.	1.8	16
855	Molecular targets and approaches to restore autophagy and lysosomal capacity in neurodegenerative disorders. Molecular Aspects of Medicine, 2021, 82, 101018.	2.7	8
856	OPTN is a host intrinsic restriction factor against neuroinvasive HSV-1 infection. Nature Communications, 2021, 12, 5401.	5.8	33
857	Human primary retinal cells as an in-vitro model for investigating defective signalling caused by OPTN mutants associated with glaucoma. Neurochemistry International, 2021, 148, 105075.	1.9	5

	CHATION K	LPORT	
#	Article	IF	CITATIONS
859	Glaucoma and neuroinflammation: An overview. Survey of Ophthalmology, 2021, 66, 693-713.	1.7	30
860	Development of a specific live-cell assay for native autophagic flux. Journal of Biological Chemistry, 2021, 297, 101003.	1.6	8
861	Current Concepts on Genetic Aspects of Mitochondrial Dysfunction in Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2021, 22, 9832.	1.8	18
862	A recessive S174X mutation in Optineurin causes amyotrophic lateral sclerosis through a loss of function via allele-specific nonsense-mediated decay. Neurobiology of Aging, 2021, 106, 1-6.	1.5	3
863	Molecular functions of autophagy adaptors upon ubiquitin-driven mitophagy. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129972.	1.1	7
864	NEAT1 IncRNA and amyotrophic lateral sclerosis. Neurochemistry International, 2021, 150, 105175.	1.9	12
865	Phylogenetic analysis of microRNA biomarkers for amyotrophic lateral sclerosis. Biocell, 2021, 45, 547-561.	0.4	6
866	Global proteomics of Ubqln2-based murine models of ALS. Journal of Biological Chemistry, 2021, 296, 100153.	1.6	17
867	TDP-43 y su incidencia en demencias degenerativas. Neurologia Argentina, 2021, 13, 37-47.	0.1	0
868	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /C	verlock 1 4.3	0 Tf 50 382
871	Amyotrophic Lateral Sclerosis: Genotypes and Phenotypes. , 2014, , 179-192.		1
872	Transcriptomics and Metabolomics in Amyotrophic Lateral Sclerosis. Advances in Experimental Medicine and Biology, 2020, 1195, 205-212.	0.8	8
873	Approaches to Identify and Characterise MYO6-Cargo Interactions. Advances in Experimental Medicine and Biology, 2020, 1239, 355-380.	0.8	2
874	Protein Misfolding and Toxicity in Amyotrophic Lateral Sclerosis. , 2012, , 257-288.		2
875	Astrocytes in Motor Neuron Diseases. Advances in Experimental Medicine and Biology, 2019, 1175, 227-272.	0.8	18
876	Disorders of Upper and Lower Motor Neurons. , 2012, , 1855-1889.		1
877	Genetic architecture of common non-Alzheimer's disease dementias. Neurobiology of Disease, 2020, 142, 104946.	2.1	27
878	Exome sequencing to identify de novo mutations in sporadic ALS trios. Nature Neuroscience, 2013, 16, 851-855.	7.1	129

#	Article	IF	CITATIONS
879	Genetics of primary lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 28-34.	1.1	13
880	NF-κB disinhibition contributes to dendrite defects in fly models of neurodegenerative diseases. Journal of Cell Biology, 2020, 219, .	2.3	8
881	Intricacies of aetiology in intrafamilial degenerative disease. Brain Communications, 2020, 2, fcaa120.	1.5	4
884	Thinking laterally about neurodegenerative proteinopathies. Journal of Clinical Investigation, 2013, 123, 1847-1855.	3.9	98
885	TIA1 variant drives myodegeneration in multisystem proteinopathy with SQSTM1 mutations. Journal of Clinical Investigation, 2018, 128, 1164-1177.	3.9	75
886	Optineurin Is Required for CYLD-Dependent Inhibition of TNFα-Induced NF-κB Activation. PLoS ONE, 2011, 6, e17477.	1.1	94
887	Disease-Related Changes in the Cerebrospinal Fluid Metabolome in Amyotrophic Lateral Sclerosis Detected by GC/TOFMS. PLoS ONE, 2011, 6, e17947.	1.1	86
888	Homozygosity Mapping on Homozygosity Haplotype Analysis to Detect Recessive Disease-Causing Genes from a Small Number of Unrelated, Outbred Patients. PLoS ONE, 2011, 6, e25059.	1.1	9
889	RNA-Seq Profiling of Spinal Cord Motor Neurons from a Presymptomatic SOD1 ALS Mouse. PLoS ONE, 2013, 8, e53575.	1.1	62
890	RNP2 of RNA Recognition Motif 1 Plays a Central Role in the Aberrant Modification of TDP-43. PLoS ONE, 2013, 8, e66966.	1.1	5
891	Retinal thinning in amyotrophic lateral sclerosis patients without ophthalmic disease. PLoS ONE, 2017, 12, e0185242.	1.1	27
892	Sporadic amyotrophic lateral sclerosis: new hypothesis regarding its etiology and pathogenesis suggests that astrocytes might be the primary target hosting a still unknown external agent. Arquivos De Neuro-Psiquiatria, 2011, 69, 699-706.	0.3	9
893	Genome-Wide Analyses Identify KIF5A as a Novel ALS Gene. SSRN Electronic Journal, 0, , .	0.4	4
894	Neuron-Microglia Interactions in Motor Neuron Degeneration. The Inflammatory Hypothesis in Amyotrophic Lateral Sclerosis Revisited. Current Medicinal Chemistry, 2016, 23, 4753-4772.	1.2	20
895	Autophagy Modulators and Neuroinflammation. Current Medicinal Chemistry, 2020, 27, 955-982.	1.2	29
896	Advantages of Structure-Based Drug Design Approaches in Neurological Disorders. Current Neuropharmacology, 2017, 15, 1136-1155.	1.4	23
897	Model Systems of Motor Neuron Diseases As a Platform for Studying Pathogenic Mechanisms and Searching for Therapeutic Agents. Acta Naturae, 2015, 7, 19-36.	1.7	5
898	Dysfunctional Autophagy and Endolysosomal System in Neurodegenerative Diseases: Relevance and Therapeutic Options. Frontiers in Cellular Neuroscience, 2020, 14, 602116.	1.8	28

#	Article	IF	CITATIONS
899	Amyotrophic lateral sclerosis: new genes, new models, and new mechanisms. F1000 Biology Reports, 2011, 3, 18.	4.0	8
900	Mislocalization, aggregation formation and defect in proteolysis in ALS. AIMS Molecular Science, 2016, 3, 246-268.	0.3	2
901	Toward precision medicine in amyotrophic lateral sclerosis. Annals of Translational Medicine, 2016, 4, 27.	0.7	10
902	Adenosine monophosphate-activated protein kinase activation enhances embryonic neural stem cell apoptosis in a mouse model of amyotrophic lateral sclerosis. Neural Regeneration Research, 2014, 9, 1770.	1.6	12
903	The diagnosis of Amyotrophic lateral sclerosis in 2010. Archives Italiennes De Biologie, 2011, 149, 5-27.	0.1	25
904	Diagnosis and management of amyotrophic lateral sclerosis. Journal of the Korean Medical Association, 2015, 58, 131.	0.1	5
905	Revisiting the dilution factor as vital parameter for sensitivity of ELISA assay in CSF and Plasma. Annals of Neurosciences, 2015, 22, 37-42.	0.9	6
906	Overriding FUS autoregulation in mice triggers gain-of-toxic dysfunctions in RNA metabolism and autophagy-lysosome axis. ELife, 2019, 8, .	2.8	65
907	Stem cell-derived cranial and spinal motor neurons reveal proteostatic differences between ALS resistant and sensitive motor neurons. ELife, 2019, 8, .	2.8	30
908	Degradation of engulfed mitochondria is rate-limiting in Optineurin-mediated mitophagy in neurons. ELife, 2020, 9, .	2.8	79
909	Vps54 Regulates Lifespan and Locomotor Behavior in Adult Drosophila melanogaster. Frontiers in Genetics, 2021, 12, 762012.	1.1	6
910	<i>SCFD1</i> expression quantitative trait loci in amyotrophic lateral sclerosis are differentially expressed. Brain Communications, 2021, 3, fcab236.	1.5	14
911	Biochemistry, Pathophysiology, and Regulation of Linear Ubiquitination: Intricate Regulation by Coordinated Functions of the Associated Ligase and Deubiquitinase. Cells, 2021, 10, 2706.	1.8	13
912	Coactivation of GSK3β and IGF-1 Attenuates Amyotrophic Lateral Sclerosis Nerve Fiber Cytopathies in SOD1 Mutant Patient-Derived Motor Neurons. Cells, 2021, 10, 2773.	1.8	5
915	Toward a Personalized Approach in Amyotrophic Lateral Sclerosis: New Developments in Diagnosis, Genetics, Pathogenesis and Therapies. Advances in Predictive, Preventive and Personalised Medicine, 2013, , 205-233.	0.6	0
916	Alterations in the myogenic capacity of satellite cells in a mouse model of ALS. FASEB Journal, 2012, 26, 1078.28.	0.2	0
917	Amyotrophic Lateral Sclerosis: A Glial Perspective. , 2014, , 231-263.		0
918	Biomarker for Amyotrophic Lateral Sclerosis. , 2014, , 1-18.		0

#	Article	IF	CITATIONS
919	Excitotoxicity and Amyotrophic Lateral Sclerosis. , 2014, , 1209-1222.		2
920	Cross-Sectional Survey of Relevant Literatures as to the Current Proposed Disease Mechanisms and Treatments of Amyotrophic Lateral Sclerosis (ALS). Marshall Journal of Medicine, 2015, 1, .	0.1	0
921	Endoplasmic reticulum, oxidative stress and their complex crosstalk in neurodegeneration: proteostasis, signaling pathways and molecular chaperones. AIMS Molecular Science, 2017, 4, 424-444.	0.3	5
922	Mitophagy in Starvation. , 2017, , 1-19.		0
923	Stem Cell-Derived Cranial and Spinal Motor Neurons Reveal Proteostatic Differences between ALS Resistant and Sensitive Motor Neurons. SSRN Electronic Journal, 0, , .	0.4	0
924	Neurodegenerative Diseases and Autophagy. , 2018, , 299-343.		1
925	Risk Factors in Amyotrophic Lateral Sclerosis. Current Topics in Environmental Health and Preventive Medicine, 2019, , 47-59.	0.1	1
928	Mitophagy in Starvation. , 2019, , 2083-2101.		0
931	Elaborate Tongue Fasciculations Going Down to the Neck: A Rare Case of Sporadic, Young-onset Amyotrophic Lateral Sclerosis with Bulbar Symptoms, from Pakistan. Cureus, 2019, 11, e4600.	0.2	1
937	5. Recent Progress in the Pathomechanisms of Amyotrophic Lateral Sclerosis. The Journal of the Japanese Society of Internal Medicine, 2020, 109, 1891-1898.	0.0	0
938	Clinical and pathological phenotypes in dementia. , 2020, , 147-164.		0
939	The neuroprotective effects of activated α7 nicotinic acetylcholine receptor against mutant copper–zinc superoxide dismutase 1-mediated toxicity. Scientific Reports, 2020, 10, 22157.	1.6	13
941	Convenient diagnosis of spinal and bulbar muscular atrophy using a microchip electrophoresis system. American Journal of Neurodegenerative Disease, 2013, 2, 35-9.	0.1	0
942	Optineurin immunoreactivity in neuronal and glial intranuclear inclusions in adult-onset neuronal intranuclear inclusion disease. American Journal of Neurodegenerative Disease, 2014, 3, 93-102.	0.1	14
943	Model systems of motor neuron diseases as a platform for studying pathogenic mechanisms and searching for therapeutic agents. Acta Naturae, 2015, 7, 19-36.	1.7	1
944	Knockdown of optineurin controls C2C12 myoblast differentiation via regulating myogenin and MyoD expressions. Differentiation, 2022, 123, 1-8.	1.0	2
945	Harnessing the Potential of Human Pluripotent Stem Cell-Derived Motor Neurons for Drug Discovery in Amyotrophic Lateral Sclerosis: From the Clinic to the Laboratory and Back to the Patient. Frontiers in Drug Discovery, 2021, 1, .	1.1	8
946	Mitochondrial Quality Control Strategies: Potential Therapeutic Targets for Neurodegenerative Diseases?. Frontiers in Neuroscience, 2021, 15, 746873.	1.4	17

	CHATION	REPORT	1
# 947	ARTICLE Genetic Regulation of RIPK1 and Necroptosis. Annual Review of Genetics, 2021, 55, 235-263.	IF 3.2	Citations 28
948	Nearly 30 Years of Animal Models to Study Amyotrophic Lateral Sclerosis: A Historical Overview and Future Perspectives. International Journal of Molecular Sciences, 2021, 22, 12236.	1.8	40
949	Mitochondria Dysfunction in Frontotemporal Dementia/Amyotrophic Lateral Sclerosis: Lessons From Drosophila Models. Frontiers in Neuroscience, 2021, 15, 786076.	1.4	15
951	New perspectives on cytoskeletal dysregulation and mitochondrial mislocalization in amyotrophic lateral sclerosis. Translational Neurodegeneration, 2021, 10, 46.	3.6	20
952	Protein network analysis to prioritize key genes in amyotrophic lateral sclerosis. IBRO Neuroscience Reports, 2022, 12, 25-44.	0.7	8
953	Genetic architecture of motor neuron diseases. Journal of the Neurological Sciences, 2022, 434, 120099.	0.3	7
954	Pathological phase transitions in ALS-FTD impair dynamic RNA–protein granules. Rna, 2022, 28, 97-113.	1.6	15
956	Regulation of neuronal autophagy and the implications in neurodegenerative diseases. Neurobiology of Disease, 2022, 162, 105582.	2.1	23
958	Development of a standard of care for patients with valosin-containing protein associated multisystem proteinopathy. Orphanet Journal of Rare Diseases, 2022, 17, 23.	1.2	19
959	Disrupted autophagy and neuronal dysfunction in C.Âelegans knockin models of FUS amyotrophic lateral sclerosis. Cell Reports, 2022, 38, 110195.	2.9	18
960	Neuromuscular Junction Dysfunction in Amyotrophic Lateral Sclerosis. Molecular Neurobiology, 2022, 59, 1502-1527.	1.9	34
961	Autophagy-independent cytoprotection by optineurin from toxicity of aggregates formed by mutant huntingtin and mutant ataxin-3. Journal of Biochemistry, 2022, 171, 555-565.	0.9	5
962	Modeling seeding and neuroanatomic spread of pathology in amyotrophic lateral sclerosis. NeuroImage, 2022, 251, 118968.	2.1	5
963	Phosphorylated neurofilament heavy chain: a potential diagnostic biomarker in amyotrophic lateral sclerosis. Journal of Neurophysiology, 2022, 127, 737-745.	0.9	5
964	Valosin Containing Protein (VCP): A Multistep Regulator of Autophagy. International Journal of Molecular Sciences, 2022, 23, 1939.	1.8	16
966	Proteinopathies as Hallmarks of Impaired Gene Expression, Proteostasis and Mitochondrial Function in Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2021, 15, 783624.	1.4	13
967	Linear ubiquitination in immune and neurodegenerative diseases, and beyond. Biochemical Society Transactions, 2022, 50, 799-811.	1.6	8
968	ABIN1 is a signalâ€induced autophagy receptor that attenuates NFâ€̂PB activation by recognizing linear ubiquitin chains. FEBS Letters, 2022, 596, 1147-1164.	1.3	8

		CITATION REPORT		
#	Article		IF	CITATIONS
969	Modelling amyotrophic lateral sclerosis in rodents. Nature Reviews Neuroscience, 2022,	23, 231-251.	4.9	17
970	Mechanistic Insights into Selective Autophagy Subtypes in Alzheimer's Disease. Inte of Molecular Sciences, 2022, 23, 3609.	rnational Journal	1.8	14
971	Therapeutic Approaches to Amyotrophic Lateral Sclerosis from the Lab to the Clinic. Cu Metabolism, 2022, 23, 200-222.	rrent Drug	0.7	4
972	TDP-43 is a ubiquitylation substrate of the SCFcyclin F complex. Neurobiology of Diseas 105673.	e, 2022, 167,	2.1	11
973	What Is the Role of Oligodendrocytes in Amyotrophic Lateral Sclerosis?. Neurology, 202	21, 97, 776-779.	1.5	5
974	DNA Damage and Repair Deficiency in ALS/FTD-Associated Neurodegeneration: From M Mechanisms to Therapeutic Implication. Frontiers in Molecular Neuroscience, 2021, 14,	blecular 784361.	1.4	14
982	Defects of Nutrient Signaling and Autophagy in Neurodegeneration. Frontiers in Cell an Developmental Biology, 2022, 10, 836196.	d	1.8	8
983	Optineurin promotes myogenesis during muscle regeneration in mice by autophagic de GSK3β. PLoS Biology, 2022, 20, e3001619.	gradation of	2.6	4
984	Genetic Variability of Inflammation and Oxidative Stress Genes Affects Onset, Progressi Disease and Survival of Patients with Amyotrophic Lateral Sclerosis. Genes, 2022, 13, 7		1.0	9
985	The Interplay Between Autophagy and RNA Homeostasis: Implications for Amyotrophic Sclerosis and Frontotemporal Dementia. Frontiers in Cell and Developmental Biology, 24	Lateral 022, 10, 838402.	1.8	3
986	Catching a killer: Mechanisms of programmed cell death and immune activation in Amy Lateral Sclerosis. Immunological Reviews, 2022, 311, 130-150.	ətrophic	2.8	9
987	Macroautophagy in CNS health and disease. Nature Reviews Neuroscience, 2022, 23, 4	11-427.	4.9	44
988	Myotubularin-related phosphatase 5 is a critical determinant of autophagy in neurons. G Biology, 2022, 32, 2581-2595.e6.	Lurrent	1.8	7
989	Multisystem Proteinopathy Due to VCP Mutations: A Review of Clinical Heterogeneity a Diagnosis. Genes, 2022, 13, 963.	nd Genetic	1.0	28
990	OPTN variants in ALS cases: a case report of a novel mutation and literature review. Neu Sciences, 2022, 43, 5391-5396.	rological	0.9	4
991	Targeted copy number variant identification across the neurodegenerative disease spec Molecular Genetics & Genomic Medicine, 0, , .	trum.	0.6	3
994	Genetics of amyotrophic lateral sclerosis: seeking therapeutic targets in the era of gene Journal of Human Genetics, 2023, 68, 131-152.	therapy.	1.1	39
995	Proteostasis impairment and ALS. Progress in Biophysics and Molecular Biology, 2022, 2	.74, 3-27.	1.4	7

#	Article	IF	CITATIONS
996	Towards Understanding the Relationship Between ER Stress and Unfolded Protein Response in Amyotrophic Lateral Sclerosis. Frontiers in Aging Neuroscience, 0, 14, .	1.7	8
997	Metabolic Dysfunction in Motor Neuron Disease: Shedding Light through the Lens of Autophagy. Metabolites, 2022, 12, 574.	1.3	2
998	Autophagy Dysfunction in ALS: from Transport to Protein Degradation. Journal of Molecular Neuroscience, 2022, 72, 1456-1481.	1.1	8
999	Optineurin Deficiency and Insufficiency Lead to Higher Microglial TDP-43 Protein Levels. International Journal of Molecular Sciences, 2022, 23, 6829.	1.8	6
1000	Optineurin deficiency induces patchy hair loss but it is not sufficient to cause amyotrophic lateral sclerosis in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166470.	1.8	2
1002	Regulating Phase Transition in Neurodegenerative Diseases by Nuclear Import Receptors. Biology, 2022, 11, 1009.	1.3	4
1005	Suppression of Linear Ubiquitination Ameliorates Cytoplasmic Aggregation of Truncated TDP-43. Cells, 2022, 11, 2398.	1.8	4
1006	Identification of highly specific antibodies for Serine/threonine-protein kinase TBK1 for use in immunoblot, immunoprecipitation and immunofluorescence. F1000Research, 0, 11, 977.	0.8	30
1007	Functional and structural consequences of TBK1 missense variants in frontotemporal lobar degeneration and amyotrophic lateral sclerosis. Neurobiology of Disease, 2022, 174, 105859.	2.1	7
1008	Exploring the role of protein quality control in aging and age-associated neurodegenerative diseases. , 2022, , 139-171.		0
1009	Regulation of transferrin receptor trafficking by optineurin and its disease-associated mutants. Progress in Molecular Biology and Translational Science, 2023, , 67-78.	0.9	6
1010	CD3+/CD56+ NKT-like Cells Show Imbalanced Control Immediately after Exercise in Delayed-Onset Muscle Soreness. International Journal of Molecular Sciences, 2022, 23, 11117.	1.8	9
1011	The role of autophagy-lysosomal pathway in motor neuron diseases. Biochemical Society Transactions, 2022, 50, 1489-1503.	1.6	3
1012	Drug Discovery Strategies for Inherited Retinal Degenerations. Biology, 2022, 11, 1338.	1.3	2
1013	The Potential Connection between Molecular Changes and Biomarkers Related to ALS and the Development and Regeneration of CNS. International Journal of Molecular Sciences, 2022, 23, 11360.	1.8	3
1014	Role of autophagy in the eye: from physiology to disease. Current Opinion in Physiology, 2022, , 100592.	0.9	2
1015	METTL23 mutation alters histone H3R17 methylation in normal-tension glaucoma. Journal of Clinical Investigation, 2022, 132, .	3.9	8
1016	The compartmentalised nature of neuronal mitophagy: molecular insights and implications. Expert Reviews in Molecular Medicine, 2022, 24, .	1.6	2

#	Article	IF	CITATIONS
1017	Defective PTEN-induced kinase 1/Parkin mediated mitophagy and neurodegenerative diseases. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	0
1018	Biomarkers and molecular mechanisms of Amyotrophic Lateral Sclerosis. AIMS Neuroscience, 2022, 9, 423-443.	1.0	5
1019	Amyotrophic Lateral Sclerosis Risk Genes and Suppressor. Current Gene Therapy, 2023, 23, 148-162.	0.9	2
1020	PINK1/Parkin-mediated mitophagy in neurodegenerative diseases. Ageing Research Reviews, 2023, 84, 101817.	5.0	29
1021	Identification of highly specific antibodies for Serine/threonine-protein kinase TBK1 for use in immunoblot, immunoprecipitation and immunofluorescence. F1000Research, 0, 11, 977.	0.8	0
1022	Fluorescent pulse-chase labeling to monitor long-term mitochondrial degradation in primary hippocampal neurons. STAR Protocols, 2022, 3, 101822.	0.5	0
1023	Semantic and right temporal variant of FTD: Next generation sequencing genetic analysis on a single-center cohort. Frontiers in Aging Neuroscience, 0, 14, .	1.7	3
1025	Prospects for gene replacement therapies in amyotrophic lateral sclerosis. Nature Reviews Neurology, 2023, 19, 39-52.	4.9	7
1026	Genotype-phenotype correlation in the spectrum of frontotemporal dementia-parkinsonian syndromes and advanced diagnostic approaches. Critical Reviews in Clinical Laboratory Sciences, 2023, 60, 171-188.	2.7	2
1027	Autophagy genes in biology and disease. Nature Reviews Genetics, 2023, 24, 382-400.	7.7	106
1029	Advances in sequencing technologies for amyotrophic lateral sclerosis research. Molecular Neurodegeneration, 2023, 18, .	4.4	4
1030	Involvement of heterologous ubiquitination including linear ubiquitination in Alzheimer's disease and amyotrophic lateral sclerosis. Frontiers in Molecular Biosciences, 0, 10, .	1.6	2
1031	Mitophagy stimulation as a novel strategy for the treatment of mitochondrial diseases. Journal of Genetic Medicine, 2022, 19, 49-56.	0.1	3
1032	Neutralizing peripheral circulating <scp>IL1β</scp> slows the progression of ALS in a lentivirusâ€infected <scp>OPTN<sup>E478G</sup></scp> mouse model. Animal Models and Experimental Medicine, 2023, 6, 18-25.	1.3	4
1033	Animal Models for ALS. , 2011, , 177-213.		0
1034	Ocular and Systemic Factors Associated with Glaucoma. Journal of Current Glaucoma Practice, 2023, 16, 179-191.	0.1	1
1035	Optineurin regulates NRF2-mediated antioxidant response in a mouse model of Paget's disease of bone. Science Advances, 2023, 9, .	4.7	8
1036	Excitotoxicity and Amyotrophic Lateral Sclerosis. , 2022, , 1789-1802.		0

#	Article	IF	CITATIONS
1037	A glaucomaâ€associated <scp>OPTN</scp> polymorphism, <scp>M98K</scp> sensitizes retinal cells to endoplasmic reticulum stress and tumour necrosis factor α. FEBS Journal, 2023, 290, 3110-3127.	2.2	3
1038	Ageing-Induced Decline in Primary Myeloid Cell Phagocytosis Is Unaffected by Optineurin Insufficiency. Biology, 2023, 12, 240.	1.3	4
1039	Analysis of "clinical exome―panel in Serbian patients with cognitive disorders. Genetika, 2022, 54, 1351-1364.	0.1	0
1040	ERK1/2-dependent TSPO overactivation associates with the loss of mitophagy and mitochondrial respiration in ALS. Cell Death and Disease, 2023, 14, .	2.7	13
1041	NF-κB activation enhances STING signaling by altering microtubule-mediated STING trafficking. Cell Reports, 2023, 42, 112185.	2.9	29
1042	Multisystem proteinopathies (MSPs) and MSPâ€like disorders: Clinicalâ€pathologicalâ€molecular spectrum. Annals of Clinical and Translational Neurology, 2023, 10, 632-643.	1.7	5
1043	A novel ocular phenotype associated with pathogenic variants in <i>MFSD8</i> leading to macular dystrophy. Ophthalmic Genetics, 2023, 44, 606-609.	0.5	0
1044	Ocular protein optineurin shows reversibility from unfolded states and exhibits chaperone-like activity. RSC Advances, 2023, 13, 6827-6837.	1.7	0
1047	Autophagy and neurodegeneration: Unraveling the role of C9ORF72 in the regulation of autophagy and its relationship to ALS-FTD pathology. Frontiers in Cellular Neuroscience, 0, 17, .	1.8	5
1048	TDPâ€43 pathology and functional deficits in wildâ€ŧype and ALS/FTD mutant cyclin F mouse models. Neuropathology and Applied Neurobiology, 2023, 49, .	1.8	0
1049	Mitophagy regulation in aging and neurodegenerative disease. Biophysical Reviews, 2023, 15, 239-255.	1.5	4
1050	Contribution of A-to-I RNA editing, M6A RNA Methylation, and Alternative Splicing to physiological brain aging and neurodegenerative diseases. Mechanisms of Ageing and Development, 2023, 212, 111807.	2.2	6
1051	Amyotrophic lateral sclerosis: translating genetic discoveries into therapies. Nature Reviews Genetics, 2023, 24, 642-658.	7.7	30
1069	Neurogenetic motor disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2023, , 183-250.	1.0	0