Andrea Calvo

List of Publications by Year
in descending order

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177 papers	12,613 citations	31976 53 h-index	29157 104 g-index
187 all docs	187 docs citations	187 times ranked	12418 citing authors

#	Article	IF	Citations
1	Phosphorylated TDP-43 aggregates in peripheral motor nerves of patients with amyotrophic lateral sclerosis. Brain, 2022, 145, 276-284.	7.6	22
2	Amyotrophic lateral sclerosis caregiver burden and patientsâ€™ quality of life during COVID-19 pandemic. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 146-148.	1.7	15
3	What is amyotrophic lateral sclerosis prevalence?. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 203-208.	1.7	8
4	Italian adaptation of the Beaumont Behavioral Inventory (BBI): psychometric properties and clinical usability. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 81-86.	1.7	10
5	Tailoring patientsâ€™ enrollment in ALS clinical trials: the effect of disease duration and vital capacity cutoffs. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 108-115.	1.7	1
6	Amyotrophic lateral sclerosis with SOD1 mutations shows distinct brain metabolic changes. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2242-2250.	6.4	9
7	Effects of intracellular calcium accumulation on proteins encoded by the major genes underlying amyotrophic lateral sclerosis. Scientific Reports, 2022, 12, 395.	3.3	7
8	Causal associations of genetic factors with clinical progression in amyotrophic lateral sclerosis. Computer Methods and Programs in Biomedicine, 2022, 216, 106681.	4.7	3
9	Characteristics and influence on quality of life of newâ€onset pain in critical COVIDâ€19 survivors. European Journal of Pain, 2022, 26, 680-694.	2.8	23
10	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. Science Translational Medicine, 2022, 14, eabj0264.	12.4	38
11	The diagnostic value of the Italian version of the Edinburgh Cognitive and Behavioral ALS Screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 527-531.	1.7	10
12	Brain¹⁸fluorodeoxyglucose-positron emission tomography changes in amyotrophic lateral sclerosis withTARDBPmutations. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 1021-1023.	1.9	4
13	Predicting functional impairment trajectories in amyotrophic lateral sclerosis: a probabilistic, multifactorial model of disease progression. Journal of Neurology, 2022, 269, 3858-3878.	3.6	7
14	Identifying and predicting amyotrophic lateral sclerosis clinical subgroups: a population-based machine-learning study. The Lancet Digital Health, 2022, 4, e359-e369.	12.3	19
15	Fibrin clot quality in acutely ill cirrhosis patients: Relation with outcome and improvement with coagulation factor concentrates. Liver International, 2022, 42, 435-443.	3.9	8
16	Validation of the Italian version of the Rasch-Built Overall Amyotrophic Lateral Sclerosis Disability Scale (ROADS) administered to patients and their caregivers. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 424-429.	1.7	2
17	Social cognition deficits in amyotrophic lateral sclerosis: A pilot crossâ€sectional populationâ€based study. European Journal of Neurology, 2022, 29, 2211-2219.	3.3	8
18	Differential Neuropsychological Profile of Patients With Amyotrophic Lateral Sclerosis With and Without C9orf72 Mutation. Neurology, 2021, 96, e141-e152.	1.1	17

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19	Broadening the clinical spectrum of FUS mutations: a case with monomelic amyotrophy with a late progression to amyotrophic lateral sclerosis. Neurological Sciences, 2021, 42, 1207-1209.	1.9	3
20	Brain metabolic changes across Kingâ€™s stages in amyotrophic lateral sclerosis: a 18F-2-fluoro-2-deoxy-d-glucose-positron emission tomography study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1124-1133.	6.4	10
21	Brain metabolic correlates of apathy in amyotrophic lateral sclerosis: An 18Fâ€FDGâ€positron emission tomography stud. European Journal of Neurology, 2021, 28, 745-753.	3.3	10
22	Metabolic brain changes across different levels of cognitive impairment in ALS: a¹⁸F-FDG-PET study. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 357-363.	1.9	14
23	Neck flexor weakness at diagnosis predicts respiratory impairment in amyotrophic lateral sclerosis. European Journal of Neurology, 2021, 28, 1181-1187.	3.3	4
24	Mutational Analysis of Known ALS Genes in an Italian Population-Based Cohort. Neurology, 2021, 96, e600-e609.	1.1	23
25	The interplay among education, brain metabolism, and cognitive impairment suggests a role of cognitive reserve in Amyotrophic Lateral Sclerosis. Neurobiology of Aging, 2021, 98, 205-213.	3.1	15
26	Validation of the Italian version of self-administered ALSFRS-R scale. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 151-153.	1.7	9
27	Telemedicine for patients with amyotrophic lateral sclerosis during COVID-19 pandemic: an Italian ALS referral center experience. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 308-311.	1.7	27
28	Stapedial Reflex: A Possible Novel Biomarker of Early Bulbar Involvement in Amyotrophic Lateral Sclerosis Patients. Audiology and Neuro-Otology, 2021, 26, 353-360.	1.3	0
29	Defective cyclophilin A induces TDP-43 proteinopathy: implications for amyotrophic lateral sclerosis and frontotemporal dementia. Brain, 2021, 144, 3710-3726.	7.6	13
30	Do ecological factors influence the clinical presentation of amyotrophic lateral sclerosis?. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1017-1019.	1.9	4
31	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. Nature Genetics, 2021, 53, 294-303.	21.4	198
32	A novel splice site FUS mutation in a familial ALS case: effects on protein expression. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, , 1-9.	1.7	2
33	Nature meets nurture in amyotrophic lateral sclerosis. Lancet Neurology, The, 2021, 20, 332-333.	10.2	0
34	Rationale and study design of an early care, therapeutic education, and psychological intervention program for the management of post-intensive care syndrome and chronic pain after COVID-19 infection (PAIN-COVID): study protocol for a randomized controlled trial. Trials, 2021, 22, 486.	1.6	11
35	Arterial blood gas analysis: base excess and carbonate are predictive of noninvasive ventilation adaptation and survival in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, 22, 33-39.	1.7	8
36	The heterozygous deletion c.1509_1510delAG in exon 14 of FUS causes an aggressive childhood-onset ALS with cognitive impairment. Neurobiology of Aging, 2021, 103, 130.e1-130.e7.	3.1	7

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37	Can amyotrophic lateral sclerosis progression really pause? A cohort study using the medical research council scale. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, , 1-7.	1.7	1
38	Decoding distinctive features of plasma extracellular vesicles in amyotrophic lateral sclerosis. Molecular Neurodegeneration, 2021, 16, 52.	10.8	19
39	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236.	9.0	46
40	Developments in the assessment of non-motor disease progression in amyotrophic lateral sclerosis. Expert Review of Neurotherapeutics, 2021, 21, 1419-1440.	2.8	10
41	GBA variants influence cognitive status in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2021, , jnnp-2021-327426.	1.9	3
42	SCFD1 expression quantitative trait loci in amyotrophic lateral sclerosis are differentially expressed. Brain Communications, 2021, 3, fcab236.	3.3	14
43	Endogenous Cognitive Tasks for Brain-Computer Interface: A Mini-Review and a New Proposal. , 2021, , .		3
44	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	21.4	223
45	Mixed Fibrinolytic Phenotypes in Decompensated Cirrhosis and Acuteâ€onâ€Chronic Liver Failure with Hypofibrinolysis in Those With Complications and Poor Survival. Hepatology, 2020, 71, 1381-1390.	7.3	63
46	Regional spreading of symptoms at diagnosis as a prognostic marker in amyotrophic lateral sclerosis: a population-based study. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 291-297.	1.9	18
47	TDP-43 real-time quaking induced conversion reaction optimization and detection of seeding activity in CSF of amyotrophic lateral sclerosis and frontotemporal dementia patients. Brain Communications, 2020, 2, fcaa142.	3.3	55
48	Clinical features and outcomes of the flail arm and flail leg and pure lower motor neuron MND variants: a multicentre Italian study. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1001-1003.	1.9	14
49	In vitro hypercoagulability and ongoing in vivo activation of coagulation and fibrinolysis in COVIDâ€19 patients on anticoagulation. Journal of Thrombosis and Haemostasis, 2020, 18, 2646-2653.	3.8	108
50	Lifetime sport practice and brain metabolism in Amyotrophic Lateral Sclerosis. NeuroImage: Clinical, 2020, 27, 102312.	2.7	7
51	Exploiting mutual information for the imputation of static and dynamic mixed-type clinical data with an adaptive k-nearest neighbours approach. BMC Medical Informatics and Decision Making, 2020, 20, 174.	3.0	12
52	Decline of cognitive and behavioral functions in amyotrophic lateral sclerosis: a longitudinal study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 373-379.	1.7	40
53	The Italian multicenter experience with edaravone in amyotrophic lateral sclerosis. Journal of Neurology, 2020, 267, 3258-3267.	3.6	37
54	The role of arterial blood gas analysis (ABG) in amyotrophic lateral sclerosis respiratory monitoring. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 999-1000.	1.9	13

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55	Prognostic role of slow vital capacity in amyotrophic lateral sclerosis. Journal of Neurology, 2020, 267, 1615-1621.	3.6	18
56	ALS phenotype is influenced by age, sex, and genetics. Neurology, 2020, 94, e802-e810.	1.1	99
57	A familial amyotrophic lateral sclerosis pedigree discordant for a novel p.Glu46Asp heterozygous OPTN variant and the p.Ala5Val heterozygous SOD1 missense mutation. Journal of Clinical Neuroscience, 2020, 75, 223-225.	1.5	3
58	G-CSF (filgrastim) treatment for amyotrophic lateral sclerosis: protocol for a phase II randomised, double-blind, placebo-controlled, parallel group, multicentre clinical study (STEMALS-II trial). BMJ Open, 2020, 10, e034049.	1.9	7
59	The transcription factor Nurr1 is up-regulated in amyotrophic lateral sclerosis patients and SOD1-G93A mice. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	8
60	Local infiltration analgesia for total knee arthroplasty: Does a mixture of ropivacaine and epinephrine have an impact on hemodynamics? An observational cohort study. Saudi Journal of Anaesthesia, 2020, 14, 335.	0.7	4
61	Acute, Hemorrhagic, Necrotizing Pancreatitis Associated With Riluzole Treatment in a Patient With Amyotrophic Lateral Sclerosis. American Journal of Therapeutics, 2020, Publish Ahead of Print, .	0.9	1
62	Comorbidity of Cervical Spondylogenic Myelopathy and Amyotrophic Lateral Sclerosis: When Electromyography Makes the Difference in Diagnosis. European Neurology, 2020, 83, 626-629.	1.4	1
63	Analysis of the GCG repeat length in NIPA1 gene in C9orf72-mediated ALS in a large Italian ALS cohort. Neurological Sciences, 2019, 40, 2537-2540.	1.9	7
64	Comparative Analysis of C9orf72 and Sporadic Disease in a Large Multicenter ALS Population: The Effect of Male Sex on Survival of C9orf72 Positive Patients. Frontiers in Neuroscience, 2019, 13, 485.	2.8	35
65	Exome array analysis of rare and low frequency variants in amyotrophic lateral sclerosis. Scientific Reports, 2019, 9, 5931.	3.3	16
66	Parkinsonian traits in amyotrophic lateral sclerosis (ALS): a prospective population-based study. Journal of Neurology, 2019, 266, 1633-1642.	3.6	25
67	Shared polygenic risk and causal inferences in amyotrophic lateral sclerosis. Annals of Neurology, 2019, 85, 470-481.	5.3	118
68	Validation of the revised classification of cognitive and behavioural impairment in ALS. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 734-739.	1.9	17
69	Cognitive impairment across ALS clinical stages in a population-based cohort. Neurology, 2019, 93, e984-e994.	1.1	115
70	Safety and efficacy of nabiximols on spasticity symptoms in patients with motor neuron disease (CANALS): a multicentre, double-blind, randomised, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2019, 18, 155-164.	10.2	63
71	Early weight loss in amyotrophic lateral sclerosis: outcome relevance and clinical correlates in a population-based cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 666-673.	1.9	73
72	Testing the diagnostic accuracy of [18F]FDG-PET in discriminating spinal- and bulbar-onset amyotrophic lateral sclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1117-1131.	6.4	18

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73	Prognosis for patients with amyotrophic lateral sclerosis: development and validation of a personalised prediction model. Lancet Neurology, The, 2018, 17, 423-433.	10.2	342
74	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	8.1	517
75	Common polymorphisms of chemokine (Câ€X3â€C motif) receptor 1 gene modify amyotrophic lateral sclerosis outcome: A populationâ€based study. Muscle and Nerve, 2018, 57, 212-216.	2.2	25
76	Trauma and amyotrophic lateral sclerosis: a european population-based case-control study from the EURALS consortium. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 118-125.	1.7	26
77	Gâ€quadruplexâ€binding small molecules ameliorate C9orf72 <scp>FTD</scp> / <scp>ALS</scp> pathology inÂvitro and inÂvivo. EMBO Molecular Medicine, 2018, 10, 22-31.	6.9	178
78	Mice with endogenous <scp>TDP</scp> â€43 mutations exhibit gain of splicing function and characteristics of amyotrophic lateral sclerosis. EMBO Journal, 2018, 37, .	7.8	129
79	Coagulation Failure in Patients With Acuteâ€onâ€Chronic Liver Failure and Decompensated Cirrhosis: Beyond the International Normalized Ratio. Hepatology, 2018, 68, 2325-2337.	7.3	79
80	The multistep hypothesis of ALS revisited. Neurology, 2018, 91, e635-e642.	1.1	146
81	Interplay between spinal cord and cerebral cortex metabolism in amyotrophic lateral sclerosis. Brain, 2018, 141, 2272-2279.	7.6	33
82	A novel p.Ser108LeufsTer15 SOD1 mutation leading to the formation of a premature stop codon in an apparently sporadic ALS patient: insights into the underlying pathomechanisms. Neurobiology of Aging, 2018, 72, 189.e11-189.e17.	3.1	3
83	Multicenter validation of [¹⁸F]-FDG PET and support-vector machine discriminant analysis in automatically classifying patients with amyotrophic lateral sclerosis versus controls. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 570-577.	1.7	19
84	C9orf72 expansion differentially affects males with spinal onset amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 281.1-281.	1.9	33
85	Influence of arterial hypertension, type 2 diabetes and cardiovascular risk factors on ALS outcome: a population-based study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 590-597.	1.7	27
86	A20 in Multiple Sclerosis and Parkinsonâ€™s Disease: Clue to a Common Dysregulation of Anti-Inflammatory Pathways?. Neurotoxicity Research, 2017, 32, 1-7.	2.7	23
87	Comorbidity of dementia with amyotrophic lateral sclerosis (ALS): insights from a large multicenter Italian cohort. Journal of Neurology, 2017, 264, 2224-2231.	3.6	19
88	Secular Trends of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2017, 74, 1097.	9.0	85
89	Factors predicting survival in ALS: a multicenter Italian study. Journal of Neurology, 2017, 264, 54-63.	3.6	96
90	Acoustic reflex patterns in amyotrophic lateral sclerosis. European Archives of Oto-Rhino-Laryngology, 2017, 274, 679-683.	1.6	5

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91	Decreased Levels of Foldase and Chaperone Proteins Are Associated with an Early-Onset Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2017, 10, 99.	2.9	30
92	C9ORF72 hexanucleotide repeat exerts toxicity in a stable, inducible motor neuronal cell model, which is rescued by partial depletion of Pten. Human Molecular Genetics, 2017, 26, 1133-1145.	2.9	23
93	Influence of cigarette smoking on ALS outcome: a population-based study. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1229-1233.	1.9	37
94	TBK1 is associated with ALS and ALS-FTD in Sardinian patients. Neurobiology of Aging, 2016, 43, 180.e1-180.e5.	3.1	40
95	Curable or treatable? The implications of different definitions of illness when treating patients suffering from amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 15-20.	1.7	5
96	Amyotrophic Lateral Sclerosis Incidence and Previous Prescriptions of Drugs for the Nervous System. Neuroepidemiology, 2016, 47, 59-66.	2.3	16
97	A PET/CT approach to spinal cord metabolism in amyotrophic lateral sclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2061-2071.	6.4	27
98	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1043-1048.	21.4	494
99	NEK1 variants confer susceptibility to amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1037-1042.	21.4	218
100	Projected increase in amyotrophic lateral sclerosis from 2015 to 2040. Nature Communications, 2016, 7, 12408.	12.8	290
101	Metabolic spatial connectivity in amyotrophic lateral sclerosis as revealed by independent component analysis. Human Brain Mapping, 2016, 37, 942-953.	3.6	40
102	ATNX2 is not a regulatory gene in Italian amyotrophic lateral sclerosis patients with C9ORF72 GGGGCC expansion. Neurobiology of Aging, 2016, 39, 218.e5-218.e8.	3.1	6
103	The Role ofAPOEin the Occurrence of Frontotemporal Dementia in Amyotrophic Lateral Sclerosis. JAMA Neurology, 2016, 73, 425.	9.0	37
104	¹⁸ F-FDG-PET correlates of cognitive impairment in ALS. Neurology, 2016, 86, 44-49.	1.1	84
105	Assessing and treating pain in movement disorders, amyotrophic lateral sclerosis, severe acquired brain injury, disorders of consciousness, dementia, oncology and neuroinfectivology. Evidence and recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. European Journal of Physical and Rehabilitation Medicine, 2016, 52, 841-854.	2.2	14
106	ALS mutant FUS proteins are recruited into stress granules in induced Pluripotent Stem Cells (iPSCs) derived motoneurons. DMM Disease Models and Mechanisms, 2015, 8, 755-66.	2.4	121
107	HFE p.H63D polymorphism does not influence ALS phenotype and survival. Neurobiology of Aging, 2015, 36, 2906.e7-2906.e11.	3.1	8
108	Persistent idiopathic hypoglossal nerve palsy: A motor neuron disease-mimic syndrome?. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 274-276.	1.7	3

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109	CHCH10 mutations in an Italian cohort of familial and sporadic amyotrophic lateral sclerosis patients. Neurobiology of Aging, 2015, 36, 1767.e3-1767.e6.	3.1	44
110	The role of TREM2 R47H as a risk factor for Alzheimer's disease, frontotemporal lobar degeneration, amyotrophic lateral sclerosis, and Parkinson's disease. Alzheimer's and Dementia, 2015, 11, 1407-1416.	0.8	152
111	ATXN2 is a modifier of phenotype in ALS patients of Sardinian ancestry. Neurobiology of Aging, 2015, 36, 2906.e1-2906.e5.	3.1	19
112	Long-term follow-up of ultrasound-guided botulinum toxin-A injections for sialorrhea in neurological dysphagia. Journal of Neurology, 2015, 262, 2662-2667.	3.6	14
113	C9ORF72 intermediate repeat expansion in patients affected by atypical parkinsonian syndromes or Parkinsonâ€™s disease complicated by psychosis or dementia in a Sardinian population. Journal of Neurology, 2015, 262, 2498-2503.	3.6	25
114	Amyotrophic lateral sclerosis onset after prolonged treatment with a VEGF receptors inhibitor. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 129-130.	1.7	5
115	ATXN2 polyQ intermediate repeats are a modifier of ALS survival. Neurology, 2015, 84, 251-258.	1.1	52
116	Cognitive correlates in amyotrophic lateral sclerosis: a population-based study in Italy. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 168-173.	1.9	233
117	A novel p.E121G heterozygous missense mutation of SOD1 in an apparently sporadic ALS case with a 14-year course. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 127-128.	1.7	6
118	Sclerosi laterale amiotrofica come modello di gestione interdisciplinare. Salute E Societa, 2015, , 173-184.	0.1	1
119	Whole-blood global DNA methylation is increased in amyotrophic lateral sclerosis independently of age of onset. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 98-105.	1.7	54
120	Functional pattern of brain FDG-PET in amyotrophic lateral sclerosis. Neurology, 2014, 83, 1067-1074.	1.1	154
121	Plasma amino acids patterns and age of onset of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 371-375.	1.7	8
122	The last months of life of people with amyotrophic lateral sclerosis in mechanical invasive ventilation: A qualitative study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 499-504.	1.7	31
123	Amyotrophic Lateral Sclerosis Outcome Measures and the Role of Albumin and Creatinine. JAMA Neurology, 2014, 71, 1134.	9.0	150
124	Analysis of the KIFAP3 gene in amyotrophic lateral sclerosis: a multicenter survival study. Neurobiology of Aging, 2014, 35, 2420.e13-2420.e14.	3.1	16
125	The metabolic signature of C9ORF72-related ALS: FDG PET comparison with nonmutated patients. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 844-852.	6.4	103
126	Mutations in the Matrin 3 gene cause familial amyotrophic lateral sclerosis. Nature Neuroscience, 2014, 17, 664-666.	14.8	398

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127	A familial ALS case carrying a novel p.G147CSOD1heterozygous missense mutation with non-executive cognitive impairment: FigureÂ1. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 1437-1439.	1.9	11
128	Genetic counselling in ALS: facts, uncertainties and clinical suggestions. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 478-485.	1.9	99
129	Resting state functional connectivity alterations in primary lateral sclerosis. Neurobiology of Aging, 2014, 35, 916-925.	3.1	41
130	Analysis of amyotrophic lateral sclerosis as a multistep process: a population-based modelling study. Lancet Neurology, The, 2014, 13, 1108-1113.	10.2	302
131	Neuroimaging in amyotrophic lateral sclerosis: insights into structural and functional changes. Lancet Neurology, The, 2014, 13, 1228-1240.	10.2	201
132	Genetic architecture of ALS in Sardinia. Neurobiology of Aging, 2014, 35, 2882.e7-2882.e12.	3.1	60
133	NADPH oxidase (NOX2) activity is a modifier of survival in ALS. Journal of Neurology, 2014, 261, 2178-2183.	3.6	36
134	Physical activity and amyotrophic lateral sclerosis: A European populationâ€based caseâ€“control study. Annals of Neurology, 2014, 75, 708-716.	5.3	79
135	Reduced cellular Ca2+ availability enhances TDP-43 cleavage by apoptotic caspases. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 725-734.	4.1	17
136	A de novo nonsense mutation of the FUS gene in an apparently familial amyotrophic lateral sclerosis case. Neurobiology of Aging, 2014, 35, 1513.e7-1513.e11.	3.1	21
137	Intrahemispheric and interhemispheric structural network abnormalities in PLS and ALS. Human Brain Mapping, 2014, 35, 1710-1722.	3.6	76
138	The p.A382T TARDBP gene mutation in Sardinian patients affected by Parkinson's disease and other degenerative parkinsonisms. Neurogenetics, 2013, 14, 161-166.	1.4	38
139	UNC13A influences survival in Italian amyotrophic lateral sclerosis patients: a population-based study. Neurobiology of Aging, 2013, 34, 357.e1-357.e5.	3.1	59
140	Pathogenic VCP Mutations Induce Mitochondrial Uncoupling and Reduced ATP Levels. Neuron, 2013, 78, 57-64.	8.1	127
141	Non-invasive ventilation in amyotrophic lateral sclerosis: a 10 year population based study. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 377-381.	1.9	73
142	SQSTM1 mutations in frontotemporal lobar degeneration and amyotrophic lateral sclerosis. Neurology, 2012, 79, 1556-1562.	1.1	252
143	An ALS case with a novel D90N-SOD1 heterozygous missense mutation. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 393-395.	2.1	3
144	Extensive genetics of ALS. Neurology, 2012, 79, 1983-1989.	1.1	145

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145	Amyotrophic lateral sclerosis/frontotemporal dementia with predominant manifestations of obsessiveâ€“compulsive disorder associated to GGGGCC expansion of the c9orf72 gene. Journal of Neurology, 2012, 259, 2723-2725.	3.6	37
146	Replication of association of CHRNA4 rare variants with sporadic amyotrophic lateral sclerosis: The Italian multicentre study. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 580-584.	2.1	7
147	ALS/FTD phenotype in two Sardinian families carrying bothC9ORF72andTARDBPmutations. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 730-733.	1.9	57
148	C9ORF72 hexanucleotide repeat expansions in the Italian sporadic ALS population. Neurobiology of Aging, 2012, 33, 1848.e15-1848.e20.	3.1	76
149	Valosin-containing protein (VCP) mutations in sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 2231.e1-2231.e6.	3.1	86
150	Clinical characteristics of patients with familial amyotrophic lateral sclerosis carrying the pathogenic GGGGCC hexanucleotide repeat expansion of C9ORF72. Brain, 2012, 135, 784-793.	7.6	182
151	Cognitive screening in patients with amyotrophic lateral sclerosis in early stages. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 95-101.	2.1	26
152	Frequency of the C9orf72 hexanucleotide repeat expansion in patients with amyotrophic lateral sclerosis and frontotemporal dementia: a cross-sectional study. Lancet Neurology, The, 2012, 11, 323-330.	10.2	1,039
153	Brain hypermetabolism in amyotrophic lateral sclerosis: a FDG PET study in ALS of spinal and bulbar onset. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 251-259.	6.4	148
154	Prospective epidemiological registers: a valuable tool for uncovering ALS pathogenesis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1066-1066.	1.9	3
155	Phenotypic heterogeneity of amyotrophic lateral sclerosis: a population based study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 740-746.	1.9	513
156	FUS mutations in sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2011, 32, 550.e1-550.e4.	3.1	79
157	A de novo missense mutation of the FUS gene in a â€œtrueâ€•sporadic ALS case. Neurobiology of Aging, 2011, 32, 553.e23-553.e26.	3.1	58
158	A patient carrying a homozygous p.A382T TARDBP missense mutation shows a syndrome including ALS, extrapyramidal symptoms, and FTD. Neurobiology of Aging, 2011, 32, 2327.e1-2327.e5.	3.1	43
159	Exome Sequencing Reveals VCP Mutations as a Cause of Familial ALS. Neuron, 2011, 69, 397.	8.1	7
160	Large Proportion of Amyotrophic Lateral Sclerosis Cases in Sardinia Due to a Single Founder Mutation of the TARDBP Gene. Archives of Neurology, 2011, 68, 594.	4.5	104
161	Cytoplasmic accumulation of TDP-43 in circulating lymphomonocytes of ALS patients with and without TARDBP mutations. Acta Neuropathologica, 2011, 121, 611-622.	7.7	56
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