Adriano Chio

List of Publications by Year
in descending order

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467	37,056	3531 90	4432 172
papers	citations	h-index	g-index

486	486	486	24340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Hexanucleotide Repeat Expansion in C9ORF72 Is the Cause of Chromosome 9p21-Linked ALS-FTD. Neuron, 2011, 72, 257-268.	8.1	3,833
2	State of play in amyotrophic lateral sclerosis genetics. Nature Neuroscience, 2014, 17, 17-23.	14.8	1,300
3	Exome Sequencing Reveals VCP Mutations as a Cause of Familial ALS. Neuron, 2010, 68, 857-864.	8.1	1,100
4	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
5	Amyotrophic lateral sclerosis. Nature Reviews Disease Primers, 2017, 3, 17071.	30.5	885
6	Amyotrophic lateral sclerosis. Lancet, The, 2017, 390, 2084-2098.	13.7	867
7	EFNS guidelines on the Clinical Management of Amyotrophic Lateral Sclerosis (MALS) â€“ revised report of an EFNS task force. European Journal of Neurology, 2012, 19, 360-375.	3.3	860
8	Prognostic factors in ALS: A critical review. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 310-323.	2.1	839
9	Global Epidemiology of Amyotrophic Lateral Sclerosis: A Systematic Review of the Published Literature. Neuroepidemiology, 2013, 41, 118-130.	2.3	659
10	Incidence of amyotrophic lateral sclerosis in Europe. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 385-390.	1.9	648
11	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	8.1	517
12	Phenotypic heterogeneity of amyotrophic lateral sclerosis: a population based study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 740-746.	1.9	513
13	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
14	Controversies and priorities in amyotrophic lateral sclerosis. Lancet Neurology, The, 2013, 12, 310-322.	10.2	454
15	Novel genes associated with amyotrophic lateral sclerosis: diagnostic and clinical implications. Lancet Neurology, The, 2018, 17, 94-102.	10.2	432
16	Mutations in the Matrin 3 gene cause familial amyotrophic lateral sclerosis. Nature Neuroscience, 2014, 17, 664-666.	14.8	398
17	Severely increased risk of amyotrophic lateral sclerosis among Italian professional football players. Brain, 2005, 128, 472-476.	7.6	386
18	Descriptive epidemiology of amyotrophic lateral sclerosis: new evidence and unsolved issues. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 6-11.	1.9	364

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19	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
20	Analysis of amyotrophic lateral sclerosis as a multistep process: a population-based modelling study. Lancet Neurology, The, 2014, 13, 1108-1113.	10.2	302
21	Amyotrophic lateral sclerosis: moving towards a new classification system. Lancet Neurology, The, 2016, 15, 1182-1194.	10.2	301
22	Guidelines for preclinical animal research in ALS/MND: A consensus meeting. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 38-45.	2.1	293
23	Projected increase in amyotrophic lateral sclerosis from 2015 to 2040. Nature Communications, 2016, 7, 12408.	12.8	290
24	SQSTM1 mutations in frontotemporal lobar degeneration and amyotrophic lateral sclerosis. Neurology, 2012, 79, 1556-1562.	1.1	252
25	Epidemiology of ALS in Italy. Neurology, 2009, 72, 725-731.	1.1	237
26	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
27	Early symptom progression rate is related to ALS outcome. Neurology, 2002, 59, 99-103.	1.1	232
28	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
29	NEK1 variants confer susceptibility to amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1037-1042.	21.4	218
30	A longitudinal study on quality of life and depression in ALS patientâ€“caregiver couples. Neurology, 2007, 68, 923-926.	1.1	215
31	Guillain-Barrè•syndrome. Neurology, 2003, 60, 1146-1150.	1.1	214
32	Prognostic Factors in Well-Differentiated Cerebral Astrocytomas in the Adult. Neurosurgery, 1989, 24, 686-692.	1.1	207
33	Genome-wide genotyping in amyotrophic lateral sclerosis and neurologically normal controls: first stage analysis and public release of data. Lancet Neurology, The, 2007, 6, 322-328.	10.2	206
34	Chromosome 9p21 in sporadic amyotrophic lateral sclerosis in the UK and seven other countries: a genome-wide association study. Lancet Neurology, The, 2010, 9, 986-994.	10.2	205
35	Neuroimaging in amyotrophic lateral sclerosis: insights into structural and functional changes. Lancet Neurology, The, 2014, 13, 1228-1240.	10.2	201
36	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

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37	Caregiver burden and patients' perception of being a burden in ALS. Neurology, 2005, 64, 1780-1782.	1.1	191
38	Positive effects of tertiary centres for amyotrophic lateral sclerosis on outcome and use of hospital facilities. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 948-950.	1.9	188
39	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
40	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
41	The epidemiology of ALS and the role of population-based registries. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 1150-1157.	3.8	168
42	Development and evaluation of a clinical staging system for amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 38-44.	1.9	160
43	Functional pattern of brain FDG-PET in amyotrophic lateral sclerosis. Neurology, 2014, 83, 1067-1074.	1.1	154
44	A cross sectional study on determinants of quality of life in ALS. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1597-1601.	1.9	152
45	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
46	Amyotrophic Lateral Sclerosis Outcome Measures and the Role of Albumin and Creatinine. JAMA Neurology, 2014, 71, 1134.	9.0	150
47	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
48	The multistep hypothesis of ALS revisited. Neurology, 2018, 91, e635-e642.	1.1	146
49	Extensive genetics of ALS. Neurology, 2012, 79, 1983-1989.	1.1	145
50	ALS in Italian professional soccer players: The risk is still present and could be soccer-specific. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 205-209.	2.1	144
51	Lower serum lipid levels are related to respiratory impairment in patients with ALS. Neurology, 2009, 73, 1681-1685.	1.1	142
52	A Genome-Wide Association Study of Myasthenia Gravis. JAMA Neurology, 2015, 72, 396.	9.0	139
53	Histologic prognostic factors in ependymoma. Child's Nervous System, 1991, 7, 177-82.	1.1	138
54	Masitinib as an add-on therapy to riluzole in patients with amyotrophic lateral sclerosis: a randomized clinical trial. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 5-14.	1.7	133

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55	Emerging insights into the complex genetics and pathophysiology of amyotrophic lateral sclerosis. Lancet Neurology, The, 2022, 21, 465-479.	10.2	130
56	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
57	Idiopathic chronic inflammatory demyelinating polyneuropathy: an epidemiological study in Italy. Journal of Neurology, Neurosurgery and Psychiatry, 2007, 78, 1349-1353.	1.9	128
58	Two Italian kindreds with familial amyotrophic lateral sclerosis due to FUS mutation. Neurobiology of Aging, 2009, 30, 1272-1275.	3.1	128
59	Pathogenic VCP Mutations Induce Mitochondrial Uncoupling and Reduced ATP Levels. Neuron, 2013, 78, 57-64.	8.1	127
60	Neurobehavioral symptoms in ALS are negatively related to caregiversâ€™ burden and quality of life. European Journal of Neurology, 2010, 17, 1298-1303.	3.3	126
61	Evidence of multidimensionality in the ALSFRS-R Scale: a critical appraisal on its measurement properties using Rasch analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 1340-1345.	1.9	126
62	Percutaneous radiological gastrostomy: a safe and effective method of nutritional tube placement in advanced ALS. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 645-647.	1.9	124
63	The Present and the Future of Neuroimaging in Amyotrophic Lateral Sclerosis. American Journal of Neuroradiology, 2010, 31, 1769-1777.	2.4	124
64	Recent advances in the diagnosis and prognosis of amyotrophic lateral sclerosis. Lancet Neurology, The, 2022, 21, 480-493.	10.2	124
65	A genome-wide association meta-analysis identifies a novel locus at 17q11.2 associated with sporadic amyotrophic lateral sclerosis. Human Molecular Genetics, 2014, 23, 2220-2231.	2.9	123
66	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
67	Progranulin mutations and amyotrophic lateral sclerosis or amyotrophic lateral sclerosis-frontotemporal dementia phenotypes. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 78, 754-756.	1.9	118
68	Prevalence of SOD1 mutations in the Italian ALS population. Neurology, 2008, 70, 533-537.	1.1	118
69	Shared polygenic risk and causal inferences in amyotrophic lateral sclerosis. Annals of Neurology, 2019, 85, 470-481.	5.3	118
70	Safety and factors related to survival after percutaneous endoscopic gastrostomy in ALS. Neurology, 1999, 53, 1123-1123.	1.1	116
71	The chromosome 9 ALS and FTD locus is probably derived from a single founder. Neurobiology of Aging, 2012, 33, 209.e3-209.e8.	3.1	115
72	Cognitive impairment across ALS clinical stages in a population-based cohort. Neurology, 2019, 93, e984-e994.	1.1	115

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73	Phase II/III randomized trial of TCH346 in patients with ALS. Neurology, 2007, 69, 776-784.	1.1	112
74	Mutations in the CHCHD10 gene are a common cause of familial amyotrophic lateral sclerosis. Brain, 2014, 137, e311-e311.	7.6	112
75	Amyotrophic lateral sclerosis, physical exercise, trauma and sports: Results of a population-based pilot case-control study. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 289-292.	2.1	110
76	The epidemiology and treatment of ALS: Focus on the heterogeneity of the disease and critical appraisal of therapeutic trials. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 1-10.	2.1	107
77	A two-stage genome-wide association study of sporadic amyotrophic lateral sclerosis. Human Molecular Genetics, 2009, 18, 1524-1532.	2.9	106
78	Specialist palliative care improves the quality of life in advanced neurodegenerative disorders: NE-PAL, a pilot randomised controlled study. BMJ Supportive and Palliative Care, 2017, 7, 164-172.	1.6	106
79	Genetic screening in sporadic ALS and FTD. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 1042-1044.	1.9	105
80	Revised Airlie House consensus guidelines for design and implementation of ALS clinical trials. Neurology, 2019, 92, e1610-e1623.	1.1	105
81	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
82	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
83	Age-related penetrance of the C9orf72 repeat expansion. Scientific Reports, 2017, 7, 2116.	3.3	102
84	Genetic counselling in ALS: facts, uncertainties and clinical suggestions. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 478-485.	1.9	99
85	ALS phenotype is influenced by age, sex, and genetics. Neurology, 2020, 94, e802-e810.	1.1	99
86	ISIS Survey: an international study on the diagnostic process and its implications in amyotrophic lateral sclerosis. Journal of Neurology, 1999, 246, III1-III5.	3.6	98
87	Epidemiology of adult medulloblastoma. International Journal of Cancer, 1999, 80, 689-692.	5.1	97
88	Pain in amyotrophic lateral sclerosis. Lancet Neurology, The, 2017, 16, 144-157.	10.2	97
89	ALS clinical trials. Neurology, 2011, 77, 1432-1437.	1.1	96
90	Serum C-Reactive Protein as a Prognostic Biomarker in Amyotrophic Lateral Sclerosis. JAMA Neurology, 2017, 74, 660.	9.0	96

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91	Factors predicting survival in ALS: a multicenter Italian study. Journal of Neurology, 2017, 264, 54-63.	3.6	96
92	Rapamycin treatment for amyotrophic lateral sclerosis. Medicine (United States), 2018, 97, e11119.	1.0	96
93	Follow-up of patients affected by manganese-induced Parkinsonism after treatment with CaNa2EDTA. NeuroToxicology, 2006, 27, 333-339.	3.0	94
94	Risk Factors in Motor Neuron Disease: A Case-Control Study. Neuroepidemiology, 1991, 10, 174-184.	2.3	93
95	Apoptosis and cell proliferation in human neuroepithelial tumors. Neuroscience Letters, 1995, 195, 81-84.	2.1	91
96	<scp>C9orf72</scp> and <scp>UNC13A</scp> are shared risk loci for amyotrophic lateral sclerosis and frontotemporal dementia: A genomeâ€wide metaâ€analysis. Annals of Neurology, 2014, 76, 120-133.	5.3	91
97	Lithium carbonate in amyotrophic lateral sclerosis. Neurology, 2010, 75, 619-625.	1.1	90
98	Tracheostomy in amyotrophic lateral sclerosis: a 10-year population-based study in Italy. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 1141-1143.	1.9	89
99	The changing picture of amyotrophic lateral sclerosis: lessons from European registers. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 557-563.	1.9	89
100	NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. Free Radical Biology and Medicine, 2017, 112, 387-396.	2.9	88
101	Risk of cancer in patients with Guillain-Barrï¿½ syndrome (GBS). Journal of Neurology, 2004, 251, 321-326.	3.6	86
102	Valosin-containing protein (VCP) mutations in sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 2231.e1-2231.e6.	3.1	86
103	Prognostic Factors in Oligodendroglioma. Canadian Journal of Neurological Sciences, 1997, 24, 313-319.	0.5	85
104	Secular Trends of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2017, 74, 1097.	9.0	85
105	Predicting prognosis in amyotrophic lateral sclerosis: a simple algorithm. Journal of Neurology, 2015, 262, 1447-1454.	3.6	84
106	Structural brain correlates of cognitive and behavioral impairment in <scp>MND</scp>. Human Brain Mapping, 2016, 37, 1614-1626.	3.6	84
107	¹⁸ F-FDG-PET correlates of cognitive impairment in ALS. Neurology, 2016, 86, 44-49.	1.1	84
108	Ependymoma: Internal Correlations among Pathological Signs: The Anaplastic Variant. Neurosurgery, 1991, 29, 206-210.	1.1	82

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109	Meta-analysis of pharmacogenetic interactions in amyotrophic lateral sclerosis clinical trials. Neurology, 2017, 89, 1915-1922.	1.1	82
110	Pain in amyotrophic lateral sclerosis: a populationâ€based controlled study. European Journal of Neurology, 2012, 19, 551-555.	3.3	81
111	FUS mutations in sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2011, 32, 550.e1-550.e4.	3.1	79
112	Physical activity and amyotrophic lateral sclerosis: A European populationâ€based caseâ€“control study. Annals of Neurology, 2014, 75, 708-716.	5.3	79
113	Prevalence of Parkinson's disease in northwestern italy: Comparison of tracer methodology and clinical ascertainment of cases. Movement Disorders, 1998, 13, 400-405.	3.9	78
114	C9ORF72 hexanucleotide repeat expansions in the Italian sporadic ALS population. Neurobiology of Aging, 2012, 33, 1848.e15-1848.e20.	3.1	76
115	Intrahemispheric and interhemispheric structural network abnormalities in PLS and ALS. Human Brain Mapping, 2014, 35, 1710-1722.	3.6	76
116	Disease-modifying therapies in amyotrophic lateral sclerosis. Neuropharmacology, 2020, 167, 107986.	4.1	75
117	Anxiety undermines quality of life in ALS patients and caregivers. European Journal of Neurology, 2008, 15, 1231-1236.	3.3	73
118	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
119	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
120	Neurophysiological measures in amyotrophic lateral sclerosis: Markers of progression in clinical trials. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 17-28.	2.1	71
121	Analysis of IFT74as a candidate gene for chromosome 9p-linked ALS-FTD. BMC Neurology, 2006, 6, 44.	1.8	70
122	Age of onset of amyotrophic lateral sclerosis is modulated by a locus on 1p34.1. Neurobiology of Aging, 2013, 34, 357.e7-357.e19.	3.1	69
123	Genome-Wide Analysis of the Heritability of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2014, 71, 1123.	9.0	69
124	Caregiver time use in ALS. Neurology, 2006, 67, 902-904.	1.1	68
125	Randomized double-blind placebo-controlled trial of acetyl-L-carnitine for ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 397-405.	1.7	68
126	Ubiquitin in Motor Neuron Disease. Journal of Neuropathology and Experimental Neurology, 1991, 50, 463-473.	1.7	67

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127	Neurobehavioral dysfunction in ALS has a negative effect on outcome and use of PEG and NIV. Neurology, 2012, 78, 1085-1089.	1.1	67
128	Repeated courses of granulocyte colonyâ€stimulating factor in amyotrophic lateral sclerosis: Clinical and biological results from a prospective multicenter study. Muscle and Nerve, 2011, 43, 189-195.	2.2	64
129	Tumor cell proliferation and apoptosis in medulloblastoma. Acta Neuropathologica, 1994, 87, 362-370.	7.7	63
130	Trauma and amyotrophic lateral sclerosis: a caseâ€“control study from a populationâ€based registry. European Journal of Neurology, 2012, 19, 1509-1517.	3.3	63
131	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
132	The Heterogeneity of Amyotrophic Lateral Sclerosis: A Possible Explanation of Treatment Failure. Current Medicinal Chemistry, 2007, 14, 3185-3200.	2.4	62
133	Safety and efficacy of ozanezumab in patients with amyotrophic lateral sclerosis: a randomised, double-blind, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2017, 16, 208-216.	10.2	62
134	Accuracy of death certificate diagnosis of amyotrophic lateral sclerosis.. Journal of Epidemiology and Community Health, 1992, 46, 517-518.	3.7	60
135	Genetic architecture of ALS in Sardinia. Neurobiology of Aging, 2014, 35, 2882.e7-2882.e12.	3.1	60
136	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
137	Genetic analysis of amyotrophic lateral sclerosis identifies contributing pathways and cell types. Science Advances, 2021, 7, .	10.3	59
138	Reliability of the El Escorial Diagnostic Criteria for Amyotrophic Lateral Sclerosis. Neuroepidemiology, 2002, 21, 265-270.	2.3	58
139	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
140	ALS/FTD phenotype in two Sardinian families carrying bothC9ORF72andTARDBPmutations. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 730-733.	1.9	57
141	Association of a Locus in theCAMTA1Gene With Survival in Patients With Sporadic Amyotrophic Lateral Sclerosis. JAMA Neurology, 2016, 73, 812.	9.0	57
142	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
143	Pathogenic Huntingtin Repeat Expansions in Patients with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Neuron, 2021, 109, 448-460.e4.	8.1	56
144	Multimodal structural MRI in the diagnosis of motor neuron diseases. NeuroImage: Clinical, 2017, 16, 240-247.	2.7	55

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145	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
146	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
147	Proliferative activity and prognosis of low-grade astrocytomas. Journal of Neuro-Oncology, 1997, 34, 31-35.	2.9	53
148	CDKN2A/p16 inactivation in the prognosis of oligodendrogliomas. International Journal of Cancer, 2000, 88, 554-557.	5.1	53
149	Amyotrophic Lateral Sclerosisâ€“Frontotemporal Lobar Dementia in 3 Families With p.Ala382Thr TARDBP Mutations. Archives of Neurology, 2010, 67, 1002-9.	4.5	53
150	The vascular response to tumor infiltration in malignant gliomas. Acta Neuropathologica, 1989, 77, 369-378.	7.7	52
151	ATXN2 polyQ intermediate repeats are a modifier of ALS survival. Neurology, 2015, 84, 251-258.	1.1	52
152	Multiple sclerosis relapses: a multivariable analysis of residual disability determinants. Acta Neurologica Scandinavica, 2009, 119, 126-130.	2.1	51
153	Genome-wide identification of the genetic basis of amyotrophic lateral sclerosis. Neuron, 2022, 110, 992-1008.e11.	8.1	51
154	Amyotrophic lateral sclerosis care in Italy: a nationwide study in neurological centers. Journal of the Neurological Sciences, 2001, 191, 145-150.	0.6	50
155	Coffee and Amyotrophic Lateral Sclerosis: A Possible Preventive Role. American Journal of Epidemiology, 2011, 174, 1002-1008.	3.4	50
156	Clinical phenotypes and radiological findings in frontotemporal dementia related to TARDBP mutations. Journal of Neurology, 2015, 262, 375-384.	3.6	50
157	Prognostic value of histologic factors in adult cerebral astrocytoma. Cancer, 1988, 61, 1386-1393.	4.1	49
158	Frontotemporal dementia with psychosis, parkinsonism, visuo-spatial dysfunction, upper motor neuron involvement associated to expansion of C9ORF72: a peculiar phenotype?. Journal of Neurology, 2012, 259, 1749-1751.	3.6	49
159	A case-control study of hormonal exposures as etiologic factors for ALS in women. Neurology, 2017, 89, 1283-1290.	1.1	48
160	Is medulloblastoma the same tumor in children and adults?. Journal of Neuro-Oncology, 1997, 35, 169-176.	2.9	46
161	Validity of hospital morbidity records for amyotrophic lateral sclerosis. Journal of Clinical Epidemiology, 2002, 55, 723-727.	5.0	46
162	The sinister side of Italian soccer. Lancet Neurology, The, 2003, 2, 656-657.	10.2	46

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163	Stratification of amyotrophic lateral sclerosis patients: a crowdsourcing approach. Scientific Reports, 2019, 9, 690.	3.3	46
164	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236.	9.0	46
165	Molecular Chaperones in the Pathogenesis of Amyotrophic Lateral Sclerosis: The Role of HSPB1. Human Mutation, 2016, 37, 1202-1208.	2.5	45
166	Multicentre, cross-cultural, population-based, caseâ€“control study of physical activity as risk factor for amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 797-803.	1.9	45
167	The role of preâ€morbid diabetes on developing amyotrophic lateral sclerosis. European Journal of Neurology, 2018, 25, 164-170.	3.3	45
168	Use of Multimodal Imaging and Clinical Biomarkers in Presymptomatic Carriers of C9orf72 Repeat Expansion. JAMA Neurology, 2020, 77, 1008.	9.0	45
169	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
170	Proteostasis and ALS: protocol for a phase II, randomised, double-blind, placebo-controlled, multicentre clinical trial for colchicine in ALS (Co-ALS). BMJ Open, 2019, 9, e028486.	1.9	44
171	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
172	ALS patients and caregivers communication preferences and information seeking behaviour. European Journal of Neurology, 2007, 15, 071116221701004-???.	3.3	42
173	The MITOS system predicts long-term survival in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 1180-1185.	1.9	42
174	Proliferating cell nuclear antigen expression in brain tumors, and its prognostic role in ependymomas: an immunohistochemical study. Acta Neuropathologica, 1993, 85, 495-502.	7.7	41
175	Risk of Guillain-BarrÃ© syndrome after 2010â€“2011 influenza vaccination. European Journal of Epidemiology, 2013, 28, 433-444.	5.7	41
176	Resting state functional connectivity alterations in primary lateral sclerosis. Neurobiology of Aging, 2014, 35, 916-925.	3.1	41
177	July 2017 ENCALS statement on edaravone. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 471-474.	1.7	41
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