Vincenzo Silani

List of Publications by Year
in descending order

353 papers	20,592 citations	10986 71 h-index	14208 128 g-index
372 all docs	372 docs citations	372 times ranked	20234 citing authors

#	Article	IF	Citations
1	Loss of Huntingtin-Mediated BDNF Gene Transcription in Huntington's Disease. Science, 2001, 293, 493-498.	12.6	1,191
2	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
3	Exome sequencing in amyotrophic lateral sclerosis identifies risk genes and pathways. Science, 2015, 347, 1436-1441.	12.6	823
4	Amyotrophic lateral sclerosis - frontotemporal spectrum disorder (ALS-FTSD): Revised diagnostic criteria. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 153-174.	1.7	607
5	Mutations in the profilin 1 gene cause familial amyotrophic lateral sclerosis. Nature, 2012, 488, 499-503.	27.8	522
6	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	8.1	517
7	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
8	TDPâ€43 is recruited to stress granules in conditions of oxidative insult. Journal of Neurochemistry, 2009, 111, 1051-1061.	3.9	435
9	A placebo-controlled trial of insulin-like growth factor-I in amyotrophic lateral sclerosis. Neurology, 1998, 51, 583-586.	1.1	333
10	Exome-wide Rare Variant Analysis Identifies TUBA4A Mutations Associated with Familial ALS. Neuron, 2014, 84, 324-331.	8.1	308
11	Discovery of a Biomarker and Lead Small Molecules to Target r(GGGGCC)-Associated Defects in c9FTD/ALS. Neuron, 2014, 83, 1043-1050.	8.1	289
12	EFNS task force on management of amyotrophic lateral sclerosis: guidelines for diagnosing and clinical care of patients and relatives. An evidence-based review with good practice points. European Journal of Neurology, 2005, 12, 921-938.	3.3	261
13	Clinical trials in amyotrophic lateral sclerosis: why so many negative trials and how can trials be improved?. Lancet Neurology, The, 2014, 13, 1127-1138.	10.2	240
14	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.	3.4	233
15	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
16	NEK1 variants confer susceptibility to amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1037-1042.	21.4	218
17	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
18	The C9ORF72 expansion mutation is a common cause of ALS+/â€'FTD in Europe and has a single founder. European Journal of Human Genetics, 2013, 21, 102-108.	2.8	201

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19	The Survival of Motor Neuron (SMN) Protein Interacts with the mRNA-Binding Protein HuD and Regulates Localization of Poly(A) mRNA in Primary Motor Neuron Axons. Journal of Neuroscience, 2011, 31, 3914-3925.	3.6	197
20	Neuro-glial differentiation of human bone marrow stem cells in vitro. Experimental Neurology, 2005, 193, 312-325.	4.1	190
21	Early vacuolization and mitochondrial damage in motor neurons of FALS mice are not associated with apoptosis or with changes in cytochrome oxidase histochemical reactivity. Journal of the Neurological Sciences, 2001, 191, 25-33.	0.6	185
22	High frequency ofTARDBPgene mutations in Italian patients with amyotrophic lateral sclerosis. Human Mutation, 2009, 30, 688-694.	2.5	184
23	Poly(GP) proteins are a useful pharmacodynamic marker for C9ORF72 -associated amyotrophic lateral sclerosis. Science Translational Medicine, 2017, 9, .	12.4	179
24	Reduced expression of the Kinesin-Associated Protein 3 (KIFAP3) gene increases survival in sporadic amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9004-9009.	7.1	177
25	Molecular and phenotypic characterization of human amniotic fluid cells and their differentiation potential. Cell Research, 2006, 16, 329-336.	12.0	175
26	CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. Nature Communications, 2016, 7, 11253.	12.8	174
27	Neurofilament light chain in serum for the diagnosis of amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 157-164.	1.9	174
28	Good practice in the management of amyotrophic lateral sclerosis: Clinical guidelines. An evidenceâ€based review with good practice points. EALSC Working Group. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 195-213.	2.1	168
29	Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. Annals of Neurology, 2011, 70, 964-973.	5.3	168
30	Huntington's disease: The current state of research with peripheral tissues. Experimental Neurology, 2009, 219, 385-397.	4.1	154
31	Mutations of FUS gene in sporadic amyotrophic lateral sclerosis. Journal of Medical Genetics, 2010, 47, 190-194.	3.2	152
32	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
33	Mutational analysis reveals the FUS homolog TAF15 as a candidate gene for familial amyotrophic lateral sclerosis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 285-290.	1.7	148
34	Multicenter evaluation of neurofilaments in early symptom onset amyotrophic lateral sclerosis. Neurology, 2018, 90, e22-e30.	1.1	148
35	Gene-specific mitochondria dysfunctions in human TARDBP and C9ORF72 fibroblasts. Acta Neuropathologica Communications, 2016, 4, 47.	5.2	147
36	Low brain-derived neurotrophic factor (BDNF) levels in serum of Huntington's disease patients. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 574-577.	1.7	142

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37	Analysis of FUS gene mutation in familial amyotrophic lateral sclerosis within an Italian cohort. Neurology, 2009, 73, 1180-1185.	1.1	139
38	Transplantation of Undifferentiated Human Mesenchymal Stem Cells Protects against 6-Hydroxydopamine Neurotoxicity in the Rat. Cell Transplantation, 2010, 19, 203-218.	2.5	136
39	Multiple neurogenic and neurorescue effects of human mesenchymal stem cell after transplantation in an experimental model of Parkinson's disease. Brain Research, 2010, 1311, 12-27.	2.2	129
40	Mutations in the vesicular trafficking protein annexin A11 are associated with amyotrophic lateral sclerosis. Science Translational Medicine, 2017, 9, .	12.4	129
41	The validation of the Italian Edinburgh Cognitive and Behavioural ALS Screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 489-498.	1.7	125
42	The Present and the Future of Neuroimaging in Amyotrophic Lateral Sclerosis. American Journal of Neuroradiology, 2010, 31, 1769-1777.	2.4	124
43	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
44	Mitochondrial Respiratory Chain Dysfunction in Muscle From Patients With Amyotrophic Lateral Sclerosis. Archives of Neurology, 2010, 67, 849-54.	4.5	122
45	A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions inC9orf72reveals marked differences in results among 14 laboratories. Journal of Medical Genetics, 2014, 51, 419-424.	3.2	118
46	Primary lateral sclerosis: consensus diagnostic criteria. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 373-377.	1.9	118
47	Phenotypic manifestations associated with CAG-repeat expansion in the androgen receptor gene in male patients and heterozygous females: a clinical and molecular study of 30 families. Neuromuscular Disorders, 2000, 10, 391-397.	0.6	112
48	Phase II/III randomized trial of TCH346 in patients with ALS. Neurology, 2007, 69, 776-784.	1.1	112
49	Effect of nerve growth factor in adrenal autografts in parkinsonism. Annals of Neurology, 1990, 27, 341-342.	5.3	109
50	Long-Lasting Cognitive Abnormalities after COVID-19. Brain Sciences, 2021, 11, 235.	2.3	107
51	Revised Airlie House consensus guidelines for design and implementation of ALS clinical trials. Neurology, 2019, 92, e1610-e1623.	1.1	105
52	Production of monocyte chemoattractant proteinâ€1 in amyotrophic lateral sclerosis. Muscle and Nerve, 2005, 32, 541-544.	2.2	104
53	Identification of new ANG gene mutations in a large cohort of Italian patients with amyotrophic lateral sclerosis. Neurogenetics, 2008, 9, 33-40.	1.4	102
54	Dysphagia in amyotrophic lateral sclerosis: prevalence and clinical findings. Acta Neurologica Scandinavica, 2013, 128, 397-401.	2.1	102

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55	Guidelines for the preclinical in vivo evaluation of pharmacological active drugs for ALS/MND: Report on the 142nd ENMC international workshop. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 217-223.	2.1	98
56	Induction of Neurotrophin Expression via Human Adult Mesenchymal Stem Cells: Implication for Cell Therapy in Neurodegenerative Diseases. Cell Transplantation, 2007, 16, 41-55.	2.5	97
57	Stem-cell therapy for amyotrophic lateral sclerosis. Lancet, The, 2004, 364, 200-202.	13.7	96
58	Factors predicting survival in ALS: a multicenter Italian study. Journal of Neurology, 2017, 264, 54-63.	3.6	96
59	<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
60	Lithium carbonate in amyotrophic lateral sclerosis. Neurology, 2010, 75, 619-625.	1.1	90
61	Weight loss, dysphagia and supplement intake in patients with amyotrophic lateral sclerosis (ALS): impact on quality of life and therapeutic options. BMC Neurology, 2013, 13, 84.	1.8	90
62	Neuropsychiatric Burden in Huntingtonâ€™s Disease. Brain Sciences, 2017, 7, 67.	2.3	90
63	A role for the ELAV RNA-binding proteins in neural stem cells: stabilization of Msi1 mRNA. Journal of Cell Science, 2006, 119, 1442-1452.	2.0	89
64	Phosphorylated neurofilament heavy chain: A biomarker of survival for <scp>C9ORF</scp>72â€associated amyotrophic lateral sclerosis. Annals of Neurology, 2017, 82, 139-146.	5.3	88
65	Standards of palliative care for patients with amyotrophic lateral sclerosis: results of a European survey. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2001, 2, 159-164.	1.2	87
66	Novel mutations support a role for Profilin 1 in the pathogenesis of ALS. Neurobiology of Aging, 2015, 36, 1602.e17-1602.e27.	3.1	87
67	Novel optineurin mutations in patients with familial and sporadic amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1239-1243.	1.9	86
68	UFD1L, a Developmentally Expressed Ubiquitination Gene, is Deleted in CATCH 22 Syndrome. Human Molecular Genetics, 1997, 6, 259-265.	2.9	85
69	Multicenter validation of CSF neurofilaments as diagnostic biomarkers for ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 404-413.	1.7	84
70	Glatiramer acetate has no impact on disease progression in ALS at 40 mg/day: A double- blind, randomized, multicentre, placebo-controlled trial. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 378-383.	2.1	83
71	Brain-Computer Interface for Clinical Purposes: Cognitive Assessment and Rehabilitation. BioMed Research International, 2017, 2017, 1-11.	1.9	83
72	Increased apoptosis, huntingtin inclusions and altered differentiation in muscle cell cultures from Huntington's disease subjects. Cell Death and Differentiation, 2006, 13, 2068-2078.	11.2	81

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73	Telepsychotherapy: a leaflet for psychotherapists in the age of COVID-19. A review of the evidence. Counselling Psychology Quarterly, 2021, 34, 352-367.	2.3	81
74	Intrahemispheric and interhemispheric structural network abnormalities in PLS and ALS. Human Brain Mapping, 2014, 35, 1710-1722.	3.6	76
75	EFNS guidelines on the use of neuroimaging in the management of motor neuron diseases. European Journal of Neurology, 2010, 17, 526.	3.3	75
76	C9ORF72 repeat expansion in a large Italian ALS cohort: evidence of a founder effect. Neurobiology of Aging, 2012, 33, 2528.e7-2528.e14.	3.1	74
77	Ubiquilin 2mutations in Italian patients with amyotrophic lateral sclerosis and frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 183-187.	1.9	74
78	Genetics of familial Amyotrophic lateral sclerosis. Archives Italiennes De Biologie, 2011, 149, 65-82.	0.4	70
79	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
80	Paraoxonase gene mutations in amyotrophic lateral sclerosis. Annals of Neurology, 2010, 68, 102-107.	5.3	67
81	ELAV proteins along evolution: Back to the nucleus?. Molecular and Cellular Neurosciences, 2013, 56, 447-455.	2.2	67
82	Neurofilament Light Chain as Biomarker for Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. Frontiers in Neuroscience, 2021, 15, 679199.	2.8	66
83	Molecular Signatures of Amyotrophic Lateral Sclerosis Disease Progression in Hind and Forelimb Muscles of an SOD1^{G93A} Mouse Model. Antioxidants and Redox Signaling, 2012, 17, 1333-1350.	5.4	65
84	Blood pressure and LDL-cholesterol targets for prevention of recurrent strokes and cognitive decline in the hypertensive patient. Journal of Hypertension, 2014, 32, 1888-1897.	0.5	65
85	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
86	A Review of Options for Treating Sialorrhea in Amyotrophic Lateral Sclerosis. Respiratory Care, 2015, 60, 446-454.	1.6	64
87	Multicentre quality control evaluation of different biomarker candidates for amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 344-350.	1.7	62
88	Nutritional management in amyotrophic lateral sclerosis: a worldwide perspective. Journal of Neurology, 1998, 245, S13-S19.	3.6	61
89	CHCHD10mutations in Italian patients with sporadic amyotrophic lateral sclerosis: Figure 1. Brain, 2015, 138, e372-e372.	7.6	59
90	Non-neural phenotype of spinal and bulbar muscular atrophy: results from a large cohort of Italian patients. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 810-816.	1.9	59

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91	ALS-associated missense and nonsense TBK1 mutations can both cause loss of kinase function. Neurobiology of Aging, 2018, 71, 266.e1-266.e10.	3.1	59
92	cDNA characterization and chromosomal mapping of two human homologues of the Drosophila dishevelled polarity gene. Human Molecular Genetics, 1996, 5, 953-958.	2.9	57
93	Association of a Locus in theCAMTA1Gene With Survival in Patients With Sporadic Amyotrophic Lateral Sclerosis. JAMA Neurology, 2016, 73, 812.	9.0	57
94	Post-transcriptional Regulation of Neuro-oncological Ventral Antigen 1 by the Neuronal RNA-binding Proteins ELAV. Journal of Biological Chemistry, 2008, 283, 7531-7541.	3.4	56
95	Pathogenic Huntingtin Repeat Expansions in Patients with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Neuron, 2021, 109, 448-460.e4.	8.1	56
96	Validating the Neuro VR-Based Virtual Version of the Multiple Errands Test: Preliminary Results. Presence: Teleoperators and Virtual Environments, 2012, 21, 31-42.	0.6	55
97	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
98	Oneâ€year cognitive followâ€up of COVIDâ€19 hospitalized patients. European Journal of Neurology, 2022, 29, 2006-2014.	3.3	54
99	The use of P300â€based BCIs in amyotrophic lateral sclerosis: from augmentative and alternative communication to cognitive assessment. Brain and Behavior, 2012, 2, 479-498.	2.2	53
100	Low anaerobic threshold and increased skeletal muscle lactate production in subjects with Huntington's disease. Movement Disorders, 2011, 26, 130-137.	3.9	52
101	Chronic stress induces formation of stress granules and pathological TDP-43 aggregates in human ALS fibroblasts and iPSC-motoneurons. Neurobiology of Disease, 2020, 145, 105051.	4.4	52
102	Human neuronal cell viability demonstrated in culture after cryopreservation. Brain Research, 1988, 473, 169-174.	2.2	51
103	Genome-wide identification of the genetic basis of amyotrophic lateral sclerosis. Neuron, 2022, 110, 992-1008.e11.	8.1	51
104	Amyotrophic lateral sclerosis care in Italy: a nationwide study in neurological centers. Journal of the Neurological Sciences, 2001, 191, 145-150.	0.6	50
105	Superoxide dismutase gene mutations in Italian patients with familial and sporadic amyotrophic lateral sclerosis: identification of three novel missense mutations. Neuromuscular Disorders, 2001, 11, 404-410.	0.6	47
106	Pilot trial of clenbuterol in spinal and bulbar muscular atrophy. Neurology, 2013, 80, 2095-2098.	1.1	47
107	An Italian multicenter retrospective-prospective observational study on neurological manifestations of COVID-19 (NEUROCOVID). Neurological Sciences, 2020, 41, 1355-1359.	1.9	46
108	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236.	9.0	46

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109	Intracerebroventricular Administration of Human Umbilical Cord Blood Cells Delays Disease Progression in Two Murine Models of Motor Neuron Degeneration. Rejuvenation Research, 2011, 14, 623-639.	1.8	44
110	TUBA4A gene analysis in sporadic amyotrophic lateral sclerosis: identification of novel mutations. Journal of Neurology, 2015, 262, 1376-1378.	3.6	44
111	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
112	Mutational analysis of TARDBP in neurodegenerative diseases. Neurobiology of Aging, 2011, 32, 2096-2099.	3.1	43
113	Impaired expression of insulinâ€like growth factorâ€1 system in skeletal muscle of amyotrophic lateral sclerosis patients. Muscle and Nerve, 2012, 45, 200-208.	2.2	43
114	X-linked Parkinsonism with Intellectual Disability caused by novel mutations and somatic mosaicism in RAB39B gene. Parkinsonism and Related Disorders, 2017, 44, 142-146.	2.2	43
115	Parkin regulates kainate receptors by interacting with the GluK2 subunit. Nature Communications, 2014, 5, 5182.	12.8	42
116	The synaptic function of parkin. Brain, 2017, 140, 2265-2272.	7.6	42
117	Androgen-dependent impairment of myogenesis in spinal and bulbar muscular atrophy. Acta Neuropathologica, 2013, 126, 109-121.	7.7	41
118	Resting state functional connectivity alterations in primary lateral sclerosis. Neurobiology of Aging, 2014, 35, 916-925.	3.1	41
119	July 2017 ENCALS statement on edaravone. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 471-474.	1.7	41
120	Provisional best practices guidelines for the evaluation of bulbar dysfunction in amyotrophic lateral sclerosis. Muscle and Nerve, 2019, 59, 531-536.	2.2	40
121	Wake-up stroke and TIA due to paradoxical embolism during long obstructive sleep apnoeas: a cross-sectional study. Thorax, 2013, 68, 97-104.	5.6	39
122	Blood pressure and low-density lipoprotein-cholesterol lowering for prevention of strokes and cognitive decline. Journal of Hypertension, 2014, 32, 1741-1750.	0.5	39
123	Comparison of CSF and serum neurofilament light and heavy chain as differential diagnostic biomarkers for ALS. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 68-74.	1.9	39
124	Human homologue sequences to the Drosophila dishevelled segment-polarity gene are deleted in the DiGeorge syndrome. American Journal of Human Genetics, 1996, 58, 722-9.	6.2	39
125	From transcriptomic to protein level changes in TDP-43 and FUS loss-of-function cell models. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 1398-1410.	1.9	38
126	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

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127	Clinical and pathological features in hydrocarbon-induced Parkinsonism. Annals of Neurology, 1996, 40, 922-925.	5.3	37
128	Human salivary Raman fingerprint as biomarker for the diagnosis of Amyotrophic Lateral Sclerosis. Scientific Reports, 2020, 10, 10175.	3.3	37
129	Protein Aggregation and Defective RNA Metabolism as Mechanisms for Motor Neuron Damage. CNS and Neurological Disorders - Drug Targets, 2010, 9, 285-296.	1.4	37
130	Consistent bone marrow-derived cell mobilization following repeated short courses of granulocyteâ€“colony-stimulating factor in patients with amyotrophic lateral sclerosis: results from a multicenter prospective trial. Cytotherapy, 2010, 12, 50-59.	0.7	36
131	Different mutations at V363 MAPT codon are associated with atypical clinical phenotypes and show unusual structural and functional features. Neurobiology of Aging, 2014, 35, 408-417.	3.1	36
132	New technologies and Amyotrophic Lateral Sclerosis â€“ Which step forward rushed by the COVID-19 pandemic?. Journal of the Neurological Sciences, 2020, 418, 117081.	0.6	36
133	Amyotrophic lateral sclerosis and frontotemporal dementia (ALS-FTD). Archives Italiennes De Biologie, 2011, 149, 39-56.	0.4	36
134	Metabolic impairment and membrane abnormality in red cells from Huntington's disease. Journal of the Neurological Sciences, 1980, 47, 93-103.	0.6	35
135	Screening of the PFN1 gene in sporadic amyotrophic lateral sclerosis and in frontotemporal dementia. Neurobiology of Aging, 2013, 34, 1517.e9-1517.e10.	3.1	35
136	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
137	Cognitive-behavioral longitudinal assessment in ALS: the Italian Edinburgh Cognitive and Behavioral ALS screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 387-395.	1.7	34
138	Dose Dependent Side Effect of Superparamagnetic Iron Oxide Nanoparticle Labeling on Cell Motility in Two Fetal Stem Cell Populations. PLoS ONE, 2013, 8, e78435.	2.5	33
139	Extramotor Damage Is Associated with Cognition in Primary Lateral Sclerosis Patients. PLoS ONE, 2013, 8, e82017.	2.5	33
140	The unfolded protein response in amyotrophic later sclerosis: results of a phase 2 trial. Brain, 2021, 144, 2635-2647.	7.6	33
141	Development of Dopaminergic Neurons in the Human Mesencephalon and in Vitro Effects of Basic Fibroblast Growth Factor Treatment. Experimental Neurology, 1994, 128, 59-76.	4.1	32
142	Defining the role of the Bcl-2 family proteins in Huntingtonâ€™s disease. Cell Death and Disease, 2013, 4, e772-e772.	6.3	32
143	Pyrimethamine significantly lowers cerebrospinal fluid Cu/Zn superoxide dismutase in amyotrophic lateral sclerosis patients with SOD1 mutations. Annals of Neurology, 2017, 81, 837-848.	5.3	32
144	Focus on the heterogeneity of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 485-495.	1.7	32

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145	Expression Study of Survival Motor Neuron Gene in Human Fetal Tissues. Biochemical and Molecular Medicine, 1997, 61, 102-106.	1.4	31
146	Understanding the use of NIV in ALS: results of an international ALS specialist survey. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 331-341.	1.7	31
147	Metalloproteinase alterations in the bone marrow of ALS patients. Journal of Molecular Medicine, 2010, 88, 553-564.	3.9	30
148	Analysis of hnRNPA1, A2/B1, and A3 genes in patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2013, 34, 2695.e11-2695.e12.	3.1	30
149	Antiglutamate Receptor Antibodies and Cognitive Impairment in Primary Antiphospholipid Syndrome and Systemic Lupus Erythematosus. Frontiers in Immunology, 2016, 7, 5.	4.8	30
150	Biocompatible fluorescent nanoparticles forin vivostem cell tracking. Nanotechnology, 2013, 24, 245603.	2.6	29
151	Cardiovascular diseases may play a negative role in the prognosis of amyotrophic lateral sclerosis. European Journal of Neurology, 2018, 25, 861-868.	3.3	29
152	No association of DPP6 with amyotrophic lateral sclerosis in an Italian population. Neurobiology of Aging, 2011, 32, 966-967.	3.1	28
153	Neuroprotective effects of human mesenchymal stem cells on neural cultures exposed to 6-hydroxydopamine: implications for reparative therapy in Parkinsonâ€™s disease. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 289-304.	4.9	28
154	Neurorescue effects and stem properties of chorionic villi and amniotic progenitor cells. Neuroscience, 2013, 234, 158-172.	2.3	28
155	C9orf72 repeat expansions are restricted to the ALS-FTD spectrum. Neurobiology of Aging, 2014, 35, 936.e13-936.e17.	3.1	28
156	Longitudinal Tracking of Human Fetal Cells Labeled with Super Paramagnetic Iron Oxide Nanoparticles in the Brain of Mice with Motor Neuron Disease. PLoS ONE, 2012, 7, e32326.	2.5	28
157	Stem Cell Therapy for Neurodegenerative Diseases: The Issue of Transdifferentiation. Stem Cells and Development, 2004, 13, 121-131.	2.1	27
158	ATAXIN2 CAG-repeat length in Italian patients with amyotrophic lateral sclerosis: risk factor or variant phenotype? Implication for genetic testing and counseling. Neurobiology of Aging, 2012, 33, 1847.e15-1847.e21.	3.1	27
159	Dysregulated IGFBP5 expression causes axon degeneration and motoneuron loss in diabetic neuropathy. Acta Neuropathologica, 2015, 130, 373-387.	7.7	27
160	An eye-tracker controlled cognitive battery: overcoming verbal-motor limitations in ALS. Journal of Neurology, 2017, 264, 1136-1145.	3.6	27
161	Morphological differentiation of astroglial progenitor cells from EGF-responsive neurospheres in response to fetal calf serum, basic fibroblast growth factor, and retinol. Cell Transplantation, 1996, 5, 179-189.	2.5	26
162	Continuation of the ESH-CHL-SHOT trial after publication of the SPRINT. Journal of Hypertension, 2016, 34, 393-396.	0.5	26

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163	RNA-binding proteins and RNA metabolism: a new scenario in the pathogenesis of Amyotrophic lateral sclerosis. Archives Italiennes De Biologie, 2011, 149, 83-99.	0.4	26
164	Noninvasive near-infrared live imaging of human adult mesenchymal stem cells transplanted in a rodent model of Parkinson’s disease. International Journal of Nanomedicine, 2012, 7, 435.	6.7	25
165	Charles Bonnet syndrome: two case reports and review of the literature. Journal of Neurology, 2013, 260, 1180-1186.	3.6	25
166	Safety and Efficacy of the New Micromesh-Covered Stent CGuard in Patients Undergoing Carotid Artery Stenting: Early Experience From a Single Centre. European Journal of Vascular and Endovascular Surgery, 2017, 54, 681-687.	1.5	25
167	Rising evidence for neurological involvement in COVID-19 pandemic. Neurological Sciences, 2020, 41, 1339-1341.	1.9	25
168	Attachment, Personality and Locus of Control: Psychological Determinants of Risk Perception and Preventive Behaviors for COVID-19. Frontiers in Psychology, 2021, 12, 634012.	2.1	25
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