Christian Lunetta

List of Publications by Year
in descending order

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125 papers	9,675 citations	101384 36 h-index	40881 93 g-index
129 all docs	129 docs citations	129 times ranked	10398 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.	3.7	22
2	The hypometabolic state: a good predictor of a better prognosis in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 41-47.	0.9	11
3	A preliminary comparison between ECAS and ALS-CBS in classifying cognitiveâ€“behavioural phenotypes in a cohort of non-demented amyotrophic lateral sclerosis patients. Journal of Neurology, 2022, 269, 1899-1904.	1.8	5
4	A phase I/IIa clinical trial of autologous hematopoietic stem cell transplantation in amyotrophic lateral sclerosis. Journal of Neurology, 2022, 269, 5337-5346.	1.8	2
5	The development of an augmented reality device for the autonomous management of the electric bed and the electric wheelchair for patients with amyotrophic lateral sclerosis: a pilot study. Disability and Rehabilitation: Assistive Technology, 2021, 16, 513-519.	1.3	6
6	Which are the factors influencing NIV adaptation and tolerance in ALS patients?. Neurological Sciences, 2021, 42, 1023-1029.	0.9	13
7	Ocular Involvement Occurs Frequently at All Stages of Amyotrophic Lateral Sclerosis: Preliminary		

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19	Reduced mitochondrial D-loop methylation levels in sporadic amyotrophic lateral sclerosis. Clinical Epigenetics, 2020, 12, 137.	1.8	26
20	Burden of Rare Variants in ALS and Axonal Hereditary Neuropathy Genes Influence Survival in ALS: Insights from a Next Generation Sequencing Study of an Italian ALS Cohort. International Journal of Molecular Sciences, 2020, 21, 3346.	1.8	11
21	Advance care planning and mental capacity in ALS: a current challenge for an unsolved matter. Neurological Sciences, 2020, 41, 2997-2998.	0.9	4
22	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
23	The Italian multicenter experience with edaravone in amyotrophic lateral sclerosis. Journal of Neurology, 2020, 267, 3258-3267.	1.8	37
24	Screening for early symptoms of respiratory involvement in myotonic dystrophy type 1 using the Respicheck questionnaire. Neuromuscular Disorders, 2020, 30, 301-309.	0.3	9
25	Neurofilament light chain and C reactive protein explored as predictors of survival in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 436-437.	0.9	25
26	Urinary neopterin, a new marker of the neuroinflammatory status in amyotrophic lateral sclerosis. Journal of Neurology, 2020, 267, 3609-3616.	1.8	10
27	Focus on the heterogeneity of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 485-495.	1.1	32
28	Diagnostic and prognostic values of PBMC proteins in amyotrophic lateral sclerosis. Neurobiology of Disease, 2020, 139, 104815.	2.1	19
29	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.	0.8	7
30	miR-129-5p: A key factor and therapeutic target in amyotrophic lateral sclerosis. Progress in Neurobiology, 2020, 190, 101803.	2.8	31
31	The 6-min walk test as a new outcome measure in Amyotrophic lateral sclerosis. Scientific Reports, 2020, 10, 15580.	1.6	2
32	The Peripheral Nervous System in Amyotrophic Lateral Sclerosis: Opportunities for Translational Research. Frontiers in Neuroscience, 2019, 13, 601.	1.4	28
33	The prognostic value of spirometric tests in Amyotrophic Lateral Sclerosis patients. Clinical Neurology and Neurosurgery, 2019, 184, 105456.	0.6	19
34	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.	1.4	35
35	Collagen XIX Alpha 1 Improves Prognosis in Amyotrophic Lateral Sclerosis. , 2019, 10, 278.		18
36	Brain MRI shows white matter sparing in Kennedy's disease and slowâ€progressing lower motor neuron disease. Human Brain Mapping, 2019, 40, 3102-3112.	1.9	12

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37	Coexistence of variants in TBK1 and in other ALS-related genes elucidates an oligogenic model of pathogenesis in sporadic ALS. Neurobiology of Aging, 2019, 84, 239.e9-239.e14.	1.5	21
38	Irisin and BDNF serum levels and behavioral disturbances in Alzheimerâ€™s disease. Neurological Sciences, 2019, 40, 1145-1150.	0.9	13
39	Intrathecal nusinersen treatment for SMA in a dedicated neuromuscular clinic: an example of multidisciplinary and integrated care. Neurological Sciences, 2019, 40, 327-332.	0.9	18
40	Taste changes in amyotrophic lateral sclerosis and effects on quality of life. Neurological Sciences, 2019, 40, 399-404.	0.9	16
41	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	3.8	517
42	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.	1.1	26
43	Multimodal MRI quantification of the common neurostructural bases within the FTD-ALS continuum. Neurobiology of Aging, 2018, 62, 95-104.	1.5	15
44	Increase in DNA methylation in patients with amyotrophic lateral sclerosis carriers of not fully penetrant SOD1 mutations. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 93-101.	1.1	34
45	Serum irisin is upregulated in patients affected by amyotrophic lateral sclerosis and correlates with functional and metabolic status. Journal of Neurology, 2018, 265, 3001-3008.	1.8	20
46	Passive Versus Active Circuit During Invasive Mechanical Ventilation in Subjects With Amyotrophic Lateral Sclerosis. Respiratory Care, 2018, 63, 1132-1138.	0.8	4
47	Mitochondrial DNA copy number and D-loop region methylation in carriers of amyotrophic lateral sclerosis gene mutations. Epigenomics, 2018, 10, 1431-1443.	1.0	50
48	Structural and functional brain signatures of C9orf72 in motor neuron disease. Neurobiology of Aging, 2017, 57, 206-219.	1.5	54
49	Serum C-Reactive Protein as a Prognostic Biomarker in Amyotrophic Lateral Sclerosis. JAMA Neurology, 2017, 74, 660.	4.5	96
50	Blood trace metals in a sporadic amyotrophic lateral sclerosis geographical cluster. BioMetals, 2017, 30, 355-365.	1.8	24
51	TBK1mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional characterisation. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 869-875.	0.9	38
52	Comorbidity of dementia with amyotrophic lateral sclerosis (ALS): insights from a large multicenter Italian cohort. Journal of Neurology, 2017, 264, 2224-2231.	1.8	19
53	Serum Proteome in a Sporadic Amyotrophic Lateral Sclerosis Geographical Cluster. Proteomics - Clinical Applications, 2017, 11, 1700043.	0.8	8
54	Protein misfolding, amyotrophic lateral sclerosis and guanabenz: protocol for a phase II RCT with futility design (ProMISe trial). BMJ Open, 2017, 7, e015434.	0.8	14

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55	Factors predicting survival in ALS: a multicenter Italian study. Journal of Neurology, 2017, 264, 54-63.	1.8	96
56	Clinical exome sequencing in earlyâ€onset generalized dystonia and largeâ€scale resequencing followâ€up. Movement Disorders, 2017, 32, 549-559.	2.2	94
57	Decreased Levels of Foldase and Chaperone Proteins Are Associated with an Early-Onset Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2017, 10, 99.	1.4	30
58	Osteopathic Manual Treatment for Amyotrophic Lateral Sclerosis: A Feasibility Pilot Study. The Open Neurology Journal, 2016, 10, 59-66.	0.4	10
59	Structural brain correlates of cognitive and behavioral impairment in <scp>MND</scp>. Human Brain Mapping, 2016, 37, 1614-1626.	1.9	84
60	Unraveling gene expression profiles in peripheral motor nerve from amyotrophic lateral sclerosis patients: insights into pathogenesis. Scientific Reports, 2016, 6, 39297.	1.6	24
61	Recent advances in amyotrophic lateral sclerosis. Journal of Neurology, 2016, 263, 1241-1254.	1.8	67
62	MEF2D and MEF2C pathways disruption in sporadic and familial ALS patients. Molecular and Cellular Neurosciences, 2016, 74, 10-17.	1.0	18
63	TBK1 is associated with ALS and ALS-FTD in Sardinian patients. Neurobiology of Aging, 2016, 43, 180.e1-180.e5.	1.5	40
64	BDNF Serum Levels with Respect to Multidimensional Assessment in Amyotrophic Lateral Sclerosis. Neurodegenerative Diseases, 2016, 16, 192-198.	0.8	24
65	Serum metal evaluation in a small cohort of Amyotrophic Lateral Sclerosis patients reveals high levels of thiophylic species. Peptidomics, 2016, 2, .	0.3	3
66	Sport activity in Charcotâ€“Marieâ€“Tooth disease: A case study of a Paralympic swimmer. Neuromuscular Disorders, 2016, 26, 614-618.	0.3	14
67	Behavioural But Not Cognitive Impairment Is a Determinant of Caregiver Burden in Amyotrophic Lateral Sclerosis. European Neurology, 2016, 75, 191-194.	0.6	20
68	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.	1.5	6
69	Strictly monitored exercise programs reduce motor deterioration in ALS: preliminary results of a randomized controlled trial. Journal of Neurology, 2016, 263, 52-60.	1.8	67
70	The experience of meditation for people with amyotrophic lateral sclerosis and their caregivers â€“ a qualitative analysis. Psychology, Health and Medicine, 2016, 21, 762-768.	1.3	21
71	Brain MR Imaging in Patients with Lower Motor Neuronâ€“Predominant Disease. Radiology, 2016, 280, 545-556.	3.6	32
72	Non-self-sufficiency as a primary outcome measure in ALS trials. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 77-84.	1.1	9

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73	Amyotrophic Lateral Sclerosis Survival Score (ALS-SS): A simple scoring system for early prediction of patient survival. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 93-100.	1.1	23
74	Microstructural Correlates of Emotional Attribution Impairment in Non-Demented Patients with Amyotrophic Lateral Sclerosis. PLoS ONE, 2016, 11, e0161034.	1.1	19
75	Gastrostomy in amyotrophic lateral sclerosis: effects of non-invasive ventilation. Lancet Neurology, The, 2015, 14, 1152-1153.	4.9	0
76	Novel <scp>FUS</scp> mutations identified through molecular screening in a large cohort of familial and sporadic amyotrophic lateral sclerosis. European Journal of Neurology, 2015, 22, 1474-1481.	1.7	23
77	Extrapyramidal and cognitive signs in amyotrophic lateral sclerosis: A population based cross-sectional study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 324-330.	1.1	26
78	Lack of relationship between the P413L chromogranin B variant and a SALS Italian cohort. Gene, 2015, 568, 186-189.	1.0	4
79	HFE p.H63D polymorphism does not influence ALS phenotype and survival. Neurobiology of Aging, 2015, 36, 2906.e7-2906.e11.	1.5	8
80	Erythropoietin in amyotrophic lateral sclerosis: a multicentre, randomised, double blind, placebo controlled, phase III study. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 879-886.	0.9	32
81	The MITOS system predicts long-term survival in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 1180-1185.	0.9	42
82	CHCH10 mutations in an Italian cohort of familial and sporadic amyotrophic lateral sclerosis patients. Neurobiology of Aging, 2015, 36, 1767.e3-1767.e6.	1.5	44
83	Peptidylprolyl isomerase A governs TARDBP function and assembly in heterogeneous nuclear ribonucleoprotein complexes. Brain, 2015, 138, 974-991.	3.7	40
84	ATXN2 is a modifier of phenotype in ALS patients of Sardinian ancestry. Neurobiology of Aging, 2015, 36, 2906.e1-2906.e5.	1.5	19
85	Grey matter damage in progressive multiple sclerosis versus amyotrophic lateral sclerosis: a voxel-based morphometry MRI study. Neurological Sciences, 2015, 36, 371-377.	0.9	13
86	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.	1.1	54
87	Plasma amino acids patterns and age of onset of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 371-375.	1.1	8
88	Meditation Training for People with Amyotrophic Lateral Sclerosis and Their Caregivers. Journal of Alternative and Complementary Medicine, 2014, 20, 272-275.	2.1	16
89	Valproate Treatment in an ALS Patient Carrying a c.194G>A Spastin Mutation and SMN2 Homozygous Deletion. Case Reports in Neurological Medicine, 2014, 2014, 1-7.	0.3	3
90	Mutations in the Matrin 3 gene cause familial amyotrophic lateral sclerosis. Nature Neuroscience, 2014, 17, 664-666.	7.1	398

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91	Microstructural white matter correlates of emotion recognition impairment in Amyotrophic Lateral Sclerosis. Cortex, 2014, 53, 1-8.	1.1	71
92	Genetic counselling in ALS: facts, uncertainties and clinical suggestions. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 478-485.	0.9	99
93	Amyotrophic lateral sclerosis in pregnancy is associated with a vascular endothelial growth factor promoter genotype. European Journal of Neurology, 2014, 21, 594-598.	1.7	10
94	Emotional empathy in amyotrophic lateral sclerosis: a behavioural and voxel-based morphometry study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 21-29.	1.1	85
95	Physical activity and amyotrophic lateral sclerosis: A European populationâ€based caseâ€“control study. Annals of Neurology, 2014, 75, 708-716.	2.8	79
96	Primitive reflexes in amyotrophic lateral sclerosis: prevalence and correlates. Journal of Neurology, 2014, 261, 1196-1202.	1.8	17
97	Longâ€term survival in amyotrophic lateral sclerosis: A populationâ€based study. Annals of Neurology, 2014, 75, 287-297.	2.8	141
98	Exploring motor and visual imagery in Amyotrophic Lateral Sclerosis. Experimental Brain Research, 2013, 226, 537-547.	0.7	31
99	Randomized double-blind placebo-controlled trial of acetyl-L-carnitine for ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 397-405.	1.1	68
100	T helper-17 activation dominates the immunologic milieu of both amyotrophic lateral sclerosis and progressive multiple sclerosis. Clinical Immunology, 2013, 148, 79-88.	1.4	56
101	The Cognitive and Behavioural Profile of Amyotrophic Lateral Sclerosis: Application of the Consensus Criteria. Behavioural Neurology, 2013, 27, 143-153.	1.1	44
102	The cognitive and behavioural profile of amyotrophic lateral sclerosis: application of the consensus criteria. Behavioural Neurology, 2013, 27, 143-53.	1.1	24
103	Pain in Amyotrophic Lateral Sclerosis: a psychological perspective. Neurological Sciences, 2012, 33, 1193-1196.	0.9	42
104	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.	2.3	7
105	No association of MTHFR c.677C>T variant with sporadic ALS in an Italian population. Neurobiology of Aging, 2012, 33, 208.e7-208.e8.	1.5	4
106	Wide phenotypic spectrum of the TARDBP gene: homozygosity of A382T mutation in a patient presenting with amyotrophic lateral sclerosis, Parkinson's disease, and frontotemporal lobar degeneration, and in neurologically healthy subject. Neurobiology of Aging, 2012, 33, 1846.e1-1846.e4.	1.5	38
107	C9ORF72 hexanucleotide repeat expansions in the Italian sporadic ALS population. Neurobiology of Aging, 2012, 33, 1848.e15-1848.e20.	1.5	76
108	Clinical characteristics of patients with familial amyotrophic lateral sclerosis carrying the pathogenic GGGGCC hexanucleotide repeat expansion of C9ORF72. Brain, 2012, 135, 784-793.	3.7	182

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109	Respiratory function of people with amyotrophic lateral sclerosis and caregiver distress level: a correlational study. BioPsychoSocial Medicine, 2012, 6, 14.	0.9	15
110	Aggressiveness, sexuality, and obsessiveness in late stages of ALS patients and their effects on caregivers. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 452-458.	2.3	12
111	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.	4.9	1,039
112	Trauma and amyotrophic lateral sclerosis: a caseâ€“control study from a populationâ€based registry. European Journal of Neurology, 2012, 19, 1509-1517.	1.7	63
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.	1.0	43
114	Anxiety and Depression in Patients with Amyotrophic Lateral Sclerosis and Their Caregivers. Current Psychology, 2012, 31, 79-87.	1.7	13
115	Existential well-being and spirituality of individuals with amyotrophic lateral sclerosis is related to psychological well-being of their caregivers. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 105-108.	2.3	55
116	Lack of association of PON polymorphisms with sporadic ALS in an Italian population. Neurobiology of Aging, 2011, 32, 552.e7-552.e13.	1.5	18
117	A Hexanucleotide Repeat Expansion in C9ORF72 Is the Cause of Chromosome 9p21-Linked ALS-FTD. Neuron, 2011, 72, 257-268.	3.8	3,833
118	Amyotrophic Lateral Sclerosis Multiprotein Biomarkers in Peripheral Blood Mononuclear Cells. PLoS ONE, 2011, 6, e25545.	1.1	123
119	Phenotypic Heterogeneity in a SOD1 G93D Italian ALS Family: An Example of Human Model to Study a Complex Disease. Journal of Molecular Neuroscience, 2011, 44, 25-30.	1.1	20
120	Mutation in the senataxin gene found in a patient affected by familial ALS with juvenile onset and slow progression. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 228-230.	2.3	28
121	Free insulinâ€like growth factor (IGF)â€1 and IGFâ€binding proteinsâ€2 and â€3 in serum and cerebrospinal fluid of amyotrophic lateral sclerosis patients. European Journal of Neurology, 2010, 17, 398-404.	1.7	19
122	Clinical psychology and amyotrophic lateral sclerosis. Frontiers in Psychology, 2010, 1, 33.	1.1	11
123	Burden, depression, and anxiety in caregivers of people with amyotrophic lateral sclerosis. Psychology, Health and Medicine, 2010, 15, 685-693.	1.3	106
124	How specific are the pontine MRI hyperintensities (the cross sign)?. European Journal of Neurology, 2003, 10, 108-109.	1.7	2
125	The serum level of free testosterone is reduced in amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2002, 195, 67-70.	0.3	48