Mark Heverin

List of Publications by Year
in descending order

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45 papers	1,707 citations	471509 17 h-index	315739 38 g-index
49 all docs	49 docs citations	49 times ranked	1966 citing authors

#	Article	IF	Citations
1	Resting-state EEG reveals four subphenotypes of amyotrophic lateral sclerosis. Brain, 2022, 145, 621-631.	7.6	26
2	The Latin American Epidemiology Network for ALS (Laenals). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 372-377.	1.7	5
3	A Clinical Decision Support System for the Prediction of Quality of Life in ALS. Journal of Personalized Medicine, 2022, 12, 435.	2.5	6
4	Burden and benefitâ€"A mixed methods study of informal Amyotrophic Lateral Sclerosis caregivers in Ireland and the Netherlands. International Journal of Geriatric Psychiatry, 2022, 37, .	2.7	1
5	Urine concentrations of selected trace metals in a cohort of Irish adults. Environmental Science and Pollution Research, 2022, 29, 75356-75364.	5.3	2
6	Validation and standardization of the Psycholinguistic Assessments of Language Processing in Aphasia (PALPA). Aphasiology, 2021, 35, 1593-1610.	2.2	1
7	Altered supraspinal motor networks in survivors of poliomyelitis: A cortico-muscular coherence study. Clinical Neurophysiology, 2021, 132, 106-113.	1.5	7
8	Sustained attention to response task-related beta oscillations relate to performance and provide a functional biomarker in ALS. Journal of Neural Engineering, 2021, 18, 026006.	3.5	9
9	Development of an explainable clinical decision support system for the prediction of patient quality of life in amyotrophic lateral sclerosis. , 2021, , .		3
10	Development and Psychometric Evaluation of Alternate Short Forms of the Action Naming Test. Archives of Clinical Neuropsychology, 2021, , .	0.5	0
11	Prediction of caregiver quality of life in amyotrophic lateral sclerosis using explainable machine learning. Scientific Reports, 2021, 11, 12237.	3.3	13
12	Prediction of quality of life in people with ALS. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2021, 21, 5-17.	0.9	5
13	Informal Caregivers in Amyotrophic Lateral Sclerosis: A Multi-Centre, Exploratory Study of Burden and Difficulties. Brain Sciences, 2021, 11, 1094.	2.3	15
14	Cognitive network hyperactivation and motor cortex decline correlate with ALS prognosis. Neurobiology of Aging, 2021, 104, 57-70.	3.1	13
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	Equivalency and practice effects of alternative versions of the Edinburgh Cognitive and Behavioral ALS Screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 86-91.	1.7	3
17	Individual quality of life in spousal ALS patient-caregiver dyads. Health and Quality of Life Outcomes, 2020, 18, 371.	2.4	24
18	Patterns of Language Impairment in Early ALS. Neurology: Clinical Practice, 2020, 11, 10.1212/CPJ.0000000000001006.	1.6	5

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19	Prediction of caregiver burden in amyotrophic lateral sclerosis: a machine learning approach using random forests applied to a cohort study. BMJ Open, 2020, 10, e033109.	1.9	16
20	Localization of Brain Networks Engaged by the Sustained Attention to Response Task Provides Quantitative Markers of Executive Impairment in Amyotrophic Lateral Sclerosis. Cerebral Cortex, 2020, 30, 4834-4846.	2.9	10
21	Identifying Features That Are Predictive of Quality of Life in People With Amyotrophic Lateral Sclerosis. , 2020, , .		4
22	Using Patient Information for the Prediction of Caregiver Burden in Amyotrophic Lateral Sclerosis. , 2020, , .		2
23	Longitudinal analysis of sniff nasal inspiratory pressure assessed using occluded and un-occluded measurement techniques in amyotrophic lateral sclerosis and primary lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 481-489.	1.7	10
24	Lifetime Risk and Heritability of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2019, 76, 1367.	9.0	130
25	Patterned functional network disruption in amyotrophic lateral sclerosis. Human Brain Mapping, 2019, 40, 4827-4842.	3.6	65
26	Comparison of the clinical and genetic features of amyotrophic lateral sclerosis across Cuban, Uruguayan and Irish clinic-based populations. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 659-665.	1.9	18
27	Dysfunction of attention switching networks in amyotrophic lateral sclerosis. NeuroImage: Clinical, 2019, 22, 101707.	2.7	18
28	Characteristic Increases in EEG Connectivity Correlate With Changes of Structural MRI in Amyotrophic Lateral Sclerosis. Cerebral Cortex, 2019, 29, 27-41.	2.9	76
29	The C9orf72 expansion is associated with accelerated respiratory function decline in a large Amyotrophic Lateral Sclerosis cohort. HRB Open Research, 2019, 2, 23.	0.6	7
30	Longitudinal predictors of caregiver burden in amyotrophic lateral sclerosis: a population-based cohort of patientâ€“caregiver dyads. Journal of Neurology, 2018, 265, 793-808.	3.6	28
31	Measuring reliable change in cognition using the Edinburgh Cognitive and Behavioural ALS Screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 65-73.	1.7	28
32	ALS-specific cognitive and behavior changes associated with advancing disease stage in ALS. Neurology, 2018, 91, e1370-e1380.	1.1	170
33	Genetic testing in ALS. Neurology, 2017, 88, 991-999.	1.1	57
34	What does the ALSFRS-R really measure? A longitudinal and survival analysis of functional dimension subscores in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 381-385.	1.9	88
35	Identifying behavioural changes in ALS: Validation of the Beaumont Behavioural Inventory (BBI). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 68-73.	1.7	64
36	Assessing behavioural changes in ALS: cross-validation of ALS-specific measures. Journal of Neurology, 2017, 264, 1397-1401.	3.6	10

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37	Screening for cognitive dysfunction in ALS: validation of the Edinburgh Cognitive and Behavioural ALS Screen (ECAS) using age and education adjusted normative data. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 99-106.	1.7	63
38	Clustering of Neuropsychiatric Disease in First-Degree and Second-Degree Relatives of Patients With Amyotrophic Lateral Sclerosis. JAMA Neurology, 2017, 74, 1425.	9.0	52
39	Mismatch Negativity as an Indicator of Cognitive Sub-Domain Dysfunction in Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2017, 8, 395.	2.4	24
40	The path to specialist multidisciplinary care in amyotrophic lateral sclerosis: A population- based study of consultations, interventions and costs. PLoS ONE, 2017, 12, e0179796.	2.5	48
41	Age-period-cohort analysis of trends in amyotrophic lateral sclerosis incidence. Journal of Neurology, 2016, 263, 1919-1926.	3.6	18
42	Survival analysis of geospatial factors in the Irish ALS cohort. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 555-560.	1.7	5
43	Homozygosity mapping in an Irish ALS caseâ€“control cohort describes local demographic phenomena and points towards potential recessive risk loci. Genomics, 2015, 105, 237-241.	2.9	15
44	An Exploratory Spatial Analysis of ALS Incidence in Ireland over 17.5 Years (1995 â€“ July 2013). PLoS ONE, 2014, 9, e96556.	2.5	11
45	Analysis of amyotrophic lateral sclerosis as a multistep process: a population-based modelling study. Lancet Neurology, The, 2014, 13, 1108-1113.	10.2	302