

Parvathi Menon

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,976
citations

257450

24
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathophysiological and diagnostic implications of cortical dysfunction in ALS. Nature Reviews Neurology, 2016, 12, 651-661.	10.1	165
2	Sensitivity and specificity of threshold tracking transcranial magnetic stimulation for diagnosis of amyotrophic lateral sclerosis: a prospective study. Lancet Neurology, The, 2015, 14, 478-484.	10.2	164
3	Cortical hyperexcitability precedes lower motor neuron dysfunction in ALS. Clinical Neurophysiology, 2015, 126, 803-809.	1.5	140
4	Riluzole exerts central and peripheral modulating effects in amyotrophic lateral sclerosis. Brain, 2013, 136, 1361-1370.	7.6	123
5	Rate of disease progression: a prognostic biomarker in ALS. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 628-632.	1.9	123
6	Association of Regulatory T-Cell Expansion With Progression of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2018, 75, 681.	9.0	120
7	Split-hand index for the diagnosis of amyotrophic lateral sclerosis. Clinical Neurophysiology, 2013, 124, 410-416.	1.5	97
8	Motor cortical function determines prognosis in sporadic ALS. Neurology, 2016, 87, 513-520.	1.1	76
9	Cortical Dysfunction Underlies the Development of the Split-Hand in Amyotrophic Lateral Sclerosis. PLoS ONE, 2014, 9, e87124.	2.5	75
10	Awaji criteria improves the diagnostic sensitivity in amyotrophic lateral sclerosis: A systematic review using individual patient data. Clinical Neurophysiology, 2016, 127, 2684-2691.	1.5	74
11	Diagnostic Utility of Gold Coast Criteria in <sc>Amyotrophic Lateral Sclerosis</sc>. Annals of Neurology, 2021, 89, 979-986.	5.3	68
12	Imbalance of cortical facilitatory and inhibitory circuits underlies hyperexcitability in ALS. Neurology, 2018, 91, e1669-e1676.	1.1	67
13	Riluzole exerts transient modulating effects on cortical and axonal hyperexcitability in ALS. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 580-588.	1.7	58
14	Utility of threshold tracking transcranial magnetic stimulation in ALS. Clinical Neurophysiology Practice, 2018, 3, 164-172.	1.4	51
15	Split-hand plus sign in ALS: Differential involvement of the flexor pollicis longus and intrinsic hand muscles. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 315-318.	1.7	46
16	Diagnostic criteria in amyotrophic lateral sclerosis. Neurology, 2016, 87, 684-690.	1.1	46
17	Cortical hyperexcitability evolves with disease progression in ALS. Annals of Clinical and Translational Neurology, 2020, 7, 733-741.	3.7	45
18	ALS pathophysiology: Insights from the split-hand phenomenon. Clinical Neurophysiology, 2014, 125, 186-193.	1.5	44

#	ARTICLE	IF	CITATIONS
19	ALS is a multistep process in South Korean, Japanese, and Australian patients. <i>Neurology</i> , 2020, 94, e1657-e1663.	1.1	39
20	The evolution of motor cortical dysfunction in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2017, 128, 1075-1082.	1.5	34
21	Study protocol of RESCUE-ALS: A Phase 2, randomised, double-blind, placebo-controlled study in early symptomatic amyotrophic lateral sclerosis patients to assess bioenergetic catalysis with CNM-Au8 as a mechanism to slow disease progression. <i>BMJ Open</i> , 2021, 11, e041479.	1.9	33
22	Potential structural and functional biomarkers of upper motor neuron dysfunction in ALS. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 85-92.	1.7	32
23	Physiological Processes Underlying Short Interval Intracortical Facilitation in the Human Motor Cortex. <i>Frontiers in Neuroscience</i> , 2018, 12, 240.	2.8	31
24	Cortical hyperexcitability and the split-hand plus phenomenon: Pathophysiological insights in ALS. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014, 15, 250-256.	1.7	27
25	Cortical contributions to the flail leg syndrome: Pathophysiological insights. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 389-396.	1.7	23
26	Physiological processes influencing motor-evoked potential duration with voluntary contraction. <i>Journal of Neurophysiology</i> , 2017, 117, 1156-1162.	1.8	23
27	Cortical excitability differences in hand muscles follow a split-hand pattern in healthy controls. <i>Muscle and Nerve</i> , 2014, 49, 836-844.	2.2	22
28	Regional motor cortex dysfunction in amyotrophic lateral sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1373-1382.	3.7	19
29	Amyotrophic lateral sclerosis diagnostic index. <i>Neurology</i> , 2019, 92, e536-e547.	1.1	17
30	Cortical excitability varies across different muscles. <i>Journal of Neurophysiology</i> , 2018, 120, 1397-1403.	1.8	14
31	Appearance, phenomenology and diagnostic utility of the split hand in amyotrophic lateral sclerosis. <i>Neurodegenerative Disease Management</i> , 2011, 1, 457-462.	2.2	12
32	Pathophysiological associations of transcallosal dysfunction in ALS. <i>European Journal of Neurology</i> , 2021, 28, 1172-1180.	3.3	12
33	Association of Cortical Hyperexcitability and Cognitive Impairment in Patients With Amyotrophic Lateral Sclerosis. <i>Neurology</i> , 2021, 96, e2090-e2097.	1.1	12
34	Motor cortical function and the precision grip. <i>Physiological Reports</i> , 2014, 2, e12120.	1.7	9
35	Hyperpolarization-activated cyclic-nucleotide-gated channels potentially modulate axonal excitability at different thresholds. <i>Journal of Neurophysiology</i> , 2017, 118, 3044-3050.	1.8	9
36	Utility of Dissociated Intrinsic Hand Muscle Atrophy in the Diagnosis of Amyotrophic Lateral Sclerosis. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	7

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37	Split-hand index: A diagnostic and prognostic marker in amyotrophic lateral sclerosis across varying regions of onset. <i>Clinical Neurophysiology</i> , 2021, 132, 2130-2135.	1.5	7
38	Utility of Transcranial Magnetic Simulation in Studying Upper Motor Neuron Dysfunction in Amyotrophic Lateral Sclerosis. <i>Brain Sciences</i> , 2021, 11, 906.	2.3	4
39	Abnormalities of neuromuscular transmission in patients with Miller-Fisher syndrome. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1599-1601.	1.5	3
40	The Upper Motor Neuron—Improved Knowledge from ALS and Related Clinical Disorders. <i>Brain Sciences</i> , 2021, 11, 958.	2.3	3
41	Imbalance in cortical inhibition-excitation networks underlies als. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, e1.14-e1.	1.9	1
42	Isolated nerve plasmacytoma in a patient previously in systemic myeloma remission. <i>Muscle and Nerve</i> , 2017, 55, E27-E28.	2.2	0
43	Cortical hyperexcitability may contribute to disease spread in als. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, e1.16-e1.	1.9	0