

# Hatice Tankisi

## List of Publications by Year in descending order

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124  
papers

2,795  
citations

201674

27  
h-index

233421

45  
g-index

127  
all docs

127  
docs citations

127  
times ranked

2666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional variation of Guillain-Barré syndrome. <i>Brain</i> , 2018, 141, 2866-2877.	7.6	190
2	Standards for quantification of EMG and neurography. <i>Clinical Neurophysiology</i> , 2019, 130, 1688-1729.	1.5	124
3	Pathophysiology inferred from electrodiagnostic nerve tests and classification of polyneuropathies. Suggested guidelines. <i>Clinical Neurophysiology</i> , 2005, 116, 1571-1580.	1.5	122
4	Standards of instrumentation of EMG. <i>Clinical Neurophysiology</i> , 2020, 131, 243-258.	1.5	109
5	Criteria for defining interictal epileptiform discharges in EEG. <i>Neurology</i> , 2020, 94, e2139-e2147.	1.1	99
6	International Guillain-Barré Syndrome Outcome Study: protocol of a prospective observational cohort study on clinical and biological predictors of disease course and outcome in Guillain-Barré syndrome. <i>Journal of the Peripheral Nervous System</i> , 2017, 22, 68-76.	3.1	89
7	Painful and non-painful diabetic neuropathy, diagnostic challenges and implications for future management. <i>Brain</i> , 2021, 144, 1632-1645.	7.6	81
8	Seizure detection based on heart rate variability using a wearable electrocardiography device. <i>Epilepsia</i> , 2019, 60, 2105-2113.	5.1	79
9	Electromagnetic source imaging in presurgical workup of patients with epilepsy. <i>Neurology</i> , 2019, 92, e576-e586.	1.1	71
10	Reproducibility, and sensitivity to motor unit loss in amyotrophic lateral sclerosis, of a novel MUNE method: MScanFit MUNE. <i>Clinical Neurophysiology</i> , 2017, 128, 1380-1388.	1.5	70
11	Critical illness myopathy as a consequence of Covid-19 infection. <i>Clinical Neurophysiology</i> , 2020, 131, 1931-1932.	1.5	64
12	Correlations of nerve conduction measures in axonal and demyelinating polyneuropathies. <i>Clinical Neurophysiology</i> , 2007, 118, 2383-2392.	1.5	62
13	Myopathic changes in patients with long-term fatigue after COVID-19. <i>Clinical Neurophysiology</i> , 2021, 132, 1974-1981.	1.5	61
14	Evidence-based recommendations for examination and diagnostic strategies of polyneuropathy electrodiagnosis. <i>Clinical Neurophysiology Practice</i> , 2019, 4, 214-222.	1.4	54
15	Axonal excitability changes and acute symptoms of oxaliplatin treatment: In vivo evidence for slowed sodium channel inactivation. <i>Clinical Neurophysiology</i> , 2018, 129, 694-706.	1.5	50
16	Myopathy as a cause of fatigue in long-term post-COVID-19 symptoms: Evidence of skeletal muscle histopathology. <i>European Journal of Neurology</i> , 2022, 29, 2832-2841.	3.3	49
17	Magnetic Resonance Neurography Visualizes Abnormalities in Sciatic and Tibial Nerves in Patients With Type 1 Diabetes and Neuropathy. <i>Diabetes</i> , 2017, 66, 1779-1788.	0.6	45
18	Following disease progression in motor neuron disorders with 3 motor unit number estimation methods. <i>Muscle and Nerve</i> , 2019, 59, 82-87.	2.2	45

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19	Diffusion tensor imaging MR neurography for the detection of polyneuropathy in type 1 diabetes. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1125-1134.	3.4	39
20	Fasciculations in nerve and muscle disorders – A prospective study of muscle ultrasound compared to electromyography. <i>Clinical Neurophysiology</i> , 2017, 128, 2250-2257.	1.5	37
21	Corneal confocal microscopy as a tool for detecting diabetic polyneuropathy in a cohort with screen-detected type 2 diabetes: ADDITION-Denmark. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 1153-1159.	2.3	37
22	The utility of motor unit number estimation methods versus quantitative motor unit potential analysis in diagnosis of ALS. <i>Clinical Neurophysiology</i> , 2018, 129, 646-653.	1.5	36
23	Chronic Pain and Neuropathy Following Adjuvant Chemotherapy. <i>Pain Medicine</i> , 2018, 19, 1813-1824.	1.9	35
24	Involvement of distal sensory nerves in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2016, 54, 1086-1092.	2.2	31
25	Axonal loss in patients with inflammatory demyelinating polyneuropathy as determined by motor unit number estimation and MUNIX. <i>Clinical Neurophysiology</i> , 2016, 127, 898-904.	1.5	30
26	Magnetic resonance neurography and diffusion tensor imaging of the peripheral nerves in patients with Charcot-Marie-Tooth Type 1A. <i>Muscle and Nerve</i> , 2017, 56, E78-E84.	2.2	28
27	Motor unit number index and compound muscle action potential amplitude. <i>Clinical Neurophysiology</i> , 2019, 130, 1734-1740.	1.5	28
28	Diagnosis and prevalence of diabetic polyneuropathy: a cross-sectional study of Danish patients with type 2 diabetes. <i>European Journal of Neurology</i> , 2020, 27, 2575-2585.	3.3	28
29	Seizure detection using heart rate variability: A prospective validation study. <i>Epilepsia</i> , 2020, 61, S41-S46.	5.1	28
30	Oxaliplatin- and docetaxel-induced polyneuropathy: clinical and neurophysiological characteristics. <i>Journal of the Peripheral Nervous System</i> , 2020, 25, 377-387.	3.1	28
31	Quantitative sensory testing and structural assessment of sensory nerve fibres in amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2017, 373, 329-334.	0.6	27
32	Diffusion tensor imaging MR Neurography detects polyneuropathy in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107439.	2.3	27
33	Plasma lipid metabolites associate with diabetic polyneuropathy in a cohort with type 2 diabetes. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1292-1307.	3.7	27
34	Diagnostic utility of distal nerve conduction studies and sural near-nerve needle recording in polyneuropathy. <i>Clinical Neurophysiology</i> , 2017, 128, 1590-1595.	1.5	26
35	Long-term symptoms of polyneuropathy in breast and colorectal cancer patients treated with and without adjuvant chemotherapy. <i>Cancer Medicine</i> , 2020, 9, 5114-5123.	2.8	26
36	Risk-Factor Trajectories Preceding Diabetic Polyneuropathy: ADDITION-Denmark. <i>Diabetes Care</i> , 2018, 41, 1955-1962.	8.6	25

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37	Optimized set of criteria for defining interictal epileptiform EEG discharges. <i>Clinical Neurophysiology</i> , 2020, 131, 2250-2254.	1.5	24
38	CMAP Scan MUNE (MScan) - A Novel Motor Unit Number Estimation (MUNE) Method. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	23
39	Critical Illness Myopathy. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 200-204.	1.7	23
40	Critical Illness Neuropathy. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 205-207.	1.7	23
41	Added diagnostic value of magnetoencephalography (MEG) in patients suspected for epilepsy, where previous, extensive EEG workup was unrevealing. <i>Clinical Neurophysiology</i> , 2016, 127, 3301-3305.	1.5	22
42	Detection of early motor involvement in diabetic polyneuropathy using a novel MUNE method "MScanFit MUNE". <i>Clinical Neurophysiology</i> , 2019, 130, 1981-1987.	1.5	22
43	Short-interval intracortical inhibition as a function of inter-stimulus interval: Three methods compared. <i>Brain Stimulation</i> , 2021, 14, 22-32.	1.6	22
44	MRI of Skeletal Muscles in Participants with Type 2 Diabetes with or without Diabetic Polyneuropathy. <i>Radiology</i> , 2020, 297, 608-619.	7.3	21
45	The Artificial Somato-Autonomic Reflex Arch Does Not Improve Lower Urinary Tract Function in Patients with Spinal Cord Lesions. <i>Journal of Urology</i> , 2015, 193, 598-604.	0.4	20
46	Small and large fiber sensory polyneuropathy in type 2 diabetes: Influence of diagnostic criteria on neuropathy subtypes. <i>Journal of the Peripheral Nervous System</i> , 2021, 26, 55-65.	3.1	20
47	Laser and somatosensory evoked potentials in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2016, 127, 3322-3328.	1.5	19
48	Early diagnosis of amyotrophic lateral sclerosis by threshold tracking and conventional transcranial magnetic stimulation. <i>European Journal of Neurology</i> , 2021, 28, 3030-3039.	3.3	19
49	Misinterpretation of sural nerve conduction studies due to anatomical variation. <i>Clinical Neurophysiology</i> , 2014, 125, 2115-2121.	1.5	18
50	MScanFit motor unit number estimation (MScan) and muscle velocity recovery cycle recordings in amyotrophic lateral sclerosis patients. <i>Clinical Neurophysiology</i> , 2019, 130, 1280-1288.	1.5	18
51	Somatosensory function is impaired in patients with idiopathic REM sleep behaviour disorder. <i>Sleep Medicine</i> , 2018, 42, 83-89.	1.6	17
52	Cold aggravates abnormal excitability of motor axons in oxaliplatin-treated patients. <i>Muscle and Nerve</i> , 2020, 61, 796-800.	2.2	16
53	Near-Nerve Needle Technique Versus Surface Electrode Recordings in Electrodiagnosis of Diabetic Polyneuropathy. <i>Journal of Clinical Neurophysiology</i> , 2016, 33, 346-349.	1.7	15
54	Muscle velocity recovery cycles in neurogenic muscles. <i>Clinical Neurophysiology</i> , 2019, 130, 1520-1527.	1.5	15

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55	Detecting peripheral motor nervous system involvement in chronic spinal cord injury using two novel methods: MScanFit MUNE and muscle velocity recovery cycles. <i>Clinical Neurophysiology</i> , 2020, 131, 2383-2392.	1.5	15
56	Early detection of evolving critical illness myopathy with muscle velocity recovery cycles. <i>Clinical Neurophysiology</i> , 2021, 132, 1347-1357.	1.5	15
57	Variation in the classification of polyneuropathies among European physicians. <i>Clinical Neurophysiology</i> , 2003, 114, 496-503.	1.5	14
58	Soluble <sc>CD</sc>163 levels are elevated in cerebrospinal fluid and serum in people with Type 2 diabetes mellitus and are associated with impaired peripheral nerve function. <i>Diabetic Medicine</i> , 2015, 32, 54-61.	2.3	14
59	Development and early diagnosis of critical illness myopathy in COVID-19 associated acute respiratory distress syndrome. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1883-1895.	7.3	13
60	Spontaneous electromyographic activity of the tongue in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2013, 48, 296-298.	2.2	12
61	The artificial somato-autonomic reflex arch does not improve bowel function in subjects with spinal cord injury. <i>Spinal Cord</i> , 2015, 53, 705-710.	1.9	12
62	Pelvic floor electrophysiology in spinal cord injury. <i>Clinical Neurophysiology</i> , 2016, 127, 2319-2324.	1.5	12
63	Added value of electromyography in the diagnosis of myopathy: A consensus exercise. <i>Clinical Neurophysiology</i> , 2017, 128, 697-701.	1.5	12
64	MScanFit motor unit number estimation and muscle velocity recovery cycle recordings in diabetic polyneuropathy. <i>Clinical Neurophysiology</i> , 2020, 131, 2591-2599.	1.5	12
65	Analysis of Macrophages and Peptidergic Fibers in the Skin of Patients With Painful Diabetic Polyneuropathy. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, e1111.	6.0	12
66	Peripheral nervous system involvement in chronic spinal cord injury. <i>Muscle and Nerve</i> , 2015, 52, 1016-1022.	2.2	11
67	Trigeminal nociceptive function and oral somatosensory functional and structural assessment in patients with diabetic peripheral neuropathy. <i>Scientific Reports</i> , 2019, 9, 169.	3.3	11
68	Falls in individuals with type 2 diabetes; a cross-sectional study on the impact of motor dysfunction, postural instability and diabetic polyneuropathy. <i>Diabetic Medicine</i> , 2021, 38, e14470.	2.3	11
69	Axonal swellings are related to type 2 diabetes, but not to distal diabetic sensorimotor polyneuropathy. <i>Diabetologia</i> , 2021, 64, 923-931.	6.3	11
70	Visualizing spikes in source-space: Rapid and efficient evaluation of magnetoencephalography. <i>Clinical Neurophysiology</i> , 2016, 127, 1067-1072.	1.5	10
71	The electrophysiological response to immunoglobulin therapy in chronic inflammatory demyelinating polyneuropathy. <i>Acta Neurologica Scandinavica</i> , 2017, 135, 656-662.	2.1	10
72	Electrodiagnostic Testing of Large Fiber Polyneuropathies: A Review of Existing Guidelines. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 277-287.	1.7	10

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73	Comparison of figure-of-8 and circular coils for threshold tracking transcranial magnetic stimulation measurements. <i>Neurophysiologie Clinique</i> , 2021, 51, 153-160.	2.2	10
74	Large fibre, small fibre and autonomic neuropathy in adolescents with type 1 diabetes: A systematic review. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 108027.	2.3	10
75	Assessing inter-rater reproducibility in MScanFit MUNE in a 6-subject, 12-rater "Round Robin" setup. <i>Neurophysiologie Clinique</i> , 2022, 52, 157-169.	2.2	10
76	Influence of medical audit on electrodiagnostic evaluation of polyneuropathy. A multicentre study. <i>Clinical Neurophysiology</i> , 2005, 116, 49-55.	1.5	9
77	Influence of peer review medical audit on pathophysiological interpretation of nerve conduction studies in polyneuropathies. <i>Clinical Neurophysiology</i> , 2006, 117, 979-983.	1.5	9
78	Correlation between compound muscle action potential amplitude and duration in axonal and demyelinating polyneuropathy. <i>Clinical Neurophysiology</i> , 2012, 123, 2099-2105.	1.5	9
79	The utility of a point-of-care sural nerve conduction device for detection of diabetic polyneuropathy: A cross-sectional study. <i>Muscle and Nerve</i> , 2019, 59, 187-193.	2.2	9
80	Advancing disease monitoring of amyotrophic lateral sclerosis with the compound muscle action potential scan. <i>Clinical Neurophysiology</i> , 2021, 132, 3152-3159.	1.5	9
81	The characteristics of pain and dysesthesia in patients with diabetic polyneuropathy. <i>PLoS ONE</i> , 2022, 17, e0263831.	2.5	9
82	Muscle Velocity Recovery Cycles to Examine Muscle Membrane Properties. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	8
83	Axonal Excitability Does Not Differ between Painful and Painless Diabetic or Chemotherapy-Induced Distal Symmetrical Polyneuropathy in a Multicenter Observational Study. <i>Annals of Neurology</i> , 2022, 91, 506-520.	5.3	8
84	Electrodiagnostic Testing of Entrapment Neuropathies: A Review of Existing Guidelines. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 299-305.	1.7	7
85	Critical illness myopathy and polyneuropathy in Covid-19: Is it a distinct entity?. <i>Clinical Neurophysiology</i> , 2021, 132, 1716-1717.	1.5	7
86	Sensory and motor axonal excitability testing in early diabetic neuropathy. <i>Clinical Neurophysiology</i> , 2021, 132, 1407-1415.	1.5	7
87	Neurophysiologic assessment of small fibre damage in chemotherapy-induced peripheral neuropathy. <i>Clinical Neurophysiology</i> , 2021, 132, 1947-1956.	1.5	7
88	Test-Retest Reliability of Short-Interval Intracortical Inhibition Assessed by Threshold-Tracking and Automated Conventional Techniques. <i>ENeuro</i> , 2021, 8, ENEURO.0103-21.2021.	1.9	7
89	Variation in the neurophysiological examination of amyotrophic lateral sclerosis in Europe. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2010, 11, 443-448.	2.1	5
90	MScanFit Motor Unit Number Estimation. <i>Neurological Sciences and Neurophysiology</i> , 2021, 38, 1-5.	0.3	5

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91	Normative reference values for the dorsal sural nerve derived from a large multicenter cohort. <i>Clinical Neurophysiology Practice</i> , 2021, 6, 239-243.	1.4	5
92	The role of potassium in muscle membrane dysfunction in end-stage renal disease. <i>Clinical Neurophysiology</i> , 2021, 132, 3125-3135.	1.5	5
93	Effects of progressive resistance training in individuals with type 2 diabetic polyneuropathy: a randomised assessor-blinded controlled trial. <i>Diabetologia</i> , 2022, 65, 620-631.	6.3	5
94	Imaging Neurodegenerative Metabolism in Amyotrophic Lateral Sclerosis with Hyperpolarized [1-13C]pyruvate MRI. <i>Tomography</i> , 2022, 8, 1570-1577.	1.8	5
95	Leg pain in neuropathic postural tachycardia syndrome is associated with altered muscle membrane properties. <i>Clinical Autonomic Research</i> , 2021, 31, 719-727.	2.5	4
96	Impact of medical audit on electrodiagnostic medicine in polyneuropathy. <i>Clinical Neurophysiology</i> , 2011, 122, 2523-2529.	1.5	3
97	Utility of the H-reflex in diagnosing polyneuropathy. <i>Muscle and Nerve</i> , 2019, 60, 424-428.	2.2	3
98	PAPP-A activity is increased in cerebrospinal fluid from patients with diabetic polyneuropathy and correlates with peripheral nerve impairment. <i>Growth Hormone and IGF Research</i> , 2019, 48-49, 53-59.	1.1	3
99	Multiple Point Stimulation MUNE in ALS. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 220-223.	1.7	3
100	Existing Guidelines in Electrodiagnostic Testing of Neuromuscular Disorders. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 275-276.	1.7	3
101	Myopathy in acute and long-term COVID-19. <i>Clinical Neurophysiology</i> , 2022, 134, 141-142.	1.5	3
102	Short interval intracortical inhibition: Variability of amplitude and threshold-tracking measurements with 6 or 10 stimuli per point. <i>Neurophysiologie Clinique</i> , 2022, 52, 170-173.	2.2	2
103	The additional diagnostic value of motor nerve excitability testing in chronic axonal neuropathy. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 27-33.	1.4	2
104	Treatment-induced neuropathy of diabetes in an adolescent with rapid reduction in HbA1c and weight loss: Persistent neuropathic findings at follow-up after 1.5 years. <i>Clinical Case Reports (discontinued)</i> , 2022, 10, e05415.	0.5	2
105	Short latency afferent inhibition: comparison between threshold-tracking and conventional amplitude recording methods. <i>Experimental Brain Research</i> , 2022, 240, 1241-1247.	1.5	2
106	IMI2-PainCare-BioPain-RCT1: study protocol for a randomized, double-blind, placebo-controlled, crossover, multi-center trial in healthy subjects to investigate the effects of lacosamide, pregabalin, and tapentadol on biomarkers of pain processing observed by peripheral nerve excitability testing (NET). <i>Trials</i> , 2022, 23, 163.	1.6	2
107	Complex regional pain syndrome as a complication to electroneuronography. <i>Clinical Neurophysiology</i> , 2010, 121, 980-983.	1.5	1
108	Navigated transcranial magnetic stimulation in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2015, 51, 305-305.	2.2	1

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109	Chronic neuropathic pain following oxaliplatin and docetaxel: A 5-year follow-up questionnaire study. <i>Scandinavian Journal of Pain</i> , 2017, 16, 166-166.	1.3	1
110	Muscle velocity recovery cycles: An evolving technique for assessing muscle fiber membrane properties. <i>Clinical Neurophysiology</i> , 2019, 130, 2268-2269.	1.5	1
111	The role of electrodiagnostic testing in patients referred with the suspicion of polyneuropathy. <i>Muscle and Nerve</i> , 2020, 62, E66-E67.	2.2	1
112	Surface electromyography â€“ A diagnostic and monitoring biomarker for amyotrophic lateral sclerosis?. <i>Clinical Neurophysiology</i> , 2020, 131, 936-937.	1.5	1
113	Conventional and Threshold-Tracking Transcranial Magnetic Stimulation Tests for Single-handed Operation. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
114	A test to determine the site of abnormal neuromuscular refractoriness. <i>Clinical Neurophysiology Practice</i> , 2021, 7, 1-6.	1.4	1
115	Response to Comment on Andersen et al. Risk-Factor Trajectories Preceding Diabetic Polyneuropathy: ADDITION-Denmark. <i>Diabetes Care</i> 2018;41:1955â€“1962. <i>Diabetes Care</i> , 2018, 41, e148-e149.	8.6	0
116	Reply to â€œMotor Unit Number Index (MUNIX) and Compound Muscle Action Potentialâ€• <i>Clinical Neurophysiology</i> , 2019, 130, 2012.	1.5	0
117	Reply to â€œMUNIX value dependence on surface electromyogram propertiesâ€• <i>Clinical Neurophysiology</i> , 2019, 130, 2290.	1.5	0
118	Still much to explore in nerve excitability testing despite 20ÂŒyears of experience. <i>Clinical Neurophysiology</i> , 2020, 131, 2734-2735.	1.5	0
119	The Specificity of Near Nerve Method on Sural Nerve Conduction Studies. <i>Journal of Ankara University Faculty of Medicine</i> , 2021, 74, 172-175.	0.1	0
120	Reply to â€œMaybe myopathic EMG but not myopathyâ€•and to â€œExclude differentials before attributing post-COVID fatigue to myopathyâ€• <i>Clinical Neurophysiology</i> , 2021, 132, 2326-2327.	1.5	0
121	Ulnar neuropathy at the elbow: Is ultrasound a substitute or supplement to electrodiagnostic tests?. <i>Clinical Neurophysiology</i> , 2021, 132, 2253-2254.	1.5	0
122	Electrophysiological measurements of peripheral nerves in rats using the Qtrac approach. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
123	Reply to â€œConduction studies on the sural nerveâ€• <i>Clinical Neurophysiology Practice</i> , 2022, 7, 25-26.	1.4	0
124	Comparison of diabetic and idiopathic sensory polyneuropathies with respect to nerve fibre affection and risk factors. <i>BMJ Neurology Open</i> , 2022, 4, e000247.	1.6	0