AyÅ\gül GÜndÜz

List of Publications by Year in descending order

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137	1,591	17 h-index	35
papers	citations		g-index
139	139	139	2379
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Genetic variants of vitamin D metabolism-related <i>DHCR7/NADSYN1</i> locus and <i>CYP2R1</i> gene are associated with clinical features of Parkinson's disease. International Journal of Neuroscience, 2022, 132, 439-449.	1.6	5
2	Analysis of neurology consultations in hospitalized patients with COVID-19. Acta Neurologica Belgica, 2022, 122, 1011-1018.	1.1	3
3	Ataxia in a Movement Disorders Outpatient Clinic: a Single-Center Experience in Turkey. Cerebellum, 2022, , 1.	2.5	1
4	Hand Pronation–Supination Movement as a Proxy for Remotely Monitoring Gait and Posture Stability in Parkinson's Disease. Sensors, 2022, 22, 1827.	3.8	1
5	Prevalence of clinical manifestations and neuroimaging features in cerebral small vessel disease. Clinical Neurology and Neurosurgery, 2022, 217, 107244.	1.4	3
6	A mild course of COVID-19 infection in a generalized Myasthenia gravis patient under eculizumab treatment. Neurological Sciences, 2022, , $1.$	1.9	3
7	Action myoclonus-renal failure syndrome: Electrophysiological analysis and clinical progression of two siblings. Parkinsonism and Related Disorders, 2022, , .	2.2	O
8	Myoclonus and tremor in chronic inflammatory demyelinating polyneuropathy: a multichannel electromyography analysis. Acta Neurologica Belgica, 2022, 122, 1289-1296.	1.1	3
9	Modulation of the excitatory phase following the cutaneous silent period by vibration. Neurological Sciences, 2021, 42, 633-637.	1.9	1
10	Low Levels of LRRK2 Gene Expression are Associated with LRRK2 SNPs and Contribute to Parkinson's Disease Progression. NeuroMolecular Medicine, 2021, 23, 292-304.	3.4	1
11	The Complex Genetic Landscape of Hereditary Ataxias in Turkey and Implications in Clinical Practice. Movement Disorders, 2021, 36, 1676-1688.	3.9	9
12	What is the best treatment approach for sporadic lateâ€onset nemaline myopathy associated with "monoclonal gammopathy of neurological significanceâ€?. International Journal of Cancer, 2021, 148, 2638-2639.	5.1	2
13	The role of pedunculopontine nucleus in isolated REM sleep behavior disorder and REM sleep without atonia. Parkinsonism and Related Disorders, 2021, 84, 68-73.	2.2	2
14	Contribution of brainstem circuits in pathophysiology of NREM-sleep parasomnias. Neuroscience Letters, 2021, 760, 136075.	2.1	1
15	Postural tremor in L-2-hydroxyglutaric aciduria is associated with cerebellar atrophy. Neurological Sciences, 2021, , 1.	1.9	1
16	Surround inhibition in patients with juvenile myoclonic epilepsy. Neurological Research, 2021, 43, 343-348.	1.3	0
17	Progression of myoclonus subtypes in subacute sclerosing panencephalitis. Neurophysiologie Clinique, 2021, 51, 533-540.	2.2	5
18	Occipitalis muscle: using for repetitive facial nerve stimulation in myasthenia gravis. Acta Neurologica Belgica, 2020, 120, 609-613.	1.1	3

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19	Sleep parameters associated with long-term outcome following subthalamic deep brain stimulation in Parkinson's disease. Revue Neurologique, 2020, 176, 277-284.	1.5	5
20	Changes in brainstem excitatory and inhibitory pathways in dry eye syndrome. Neuroscience Letters, 2020, 718, 134726.	2.1	1
21	Ulnar Neuropathy at Elbow in Patients With Type 2 Diabetes Mellitus. Journal of Clinical Neurophysiology, 2020, 37, 220-224.	1.7	7
22	Movement disorders in the early-diagnosed cerebrotendinous xanthomatosis: An electrophysiological study. Parkinsonism and Related Disorders, 2020, 80, 12-14.	2.2	2
23	Cutaneous silent period in patients with spinal muscular atrophy type 2 and type 3. Neurophysiologie Clinique, 2020, 50, 353-359.	2.2	1
24	Estimation of Parkinson's disease severity using speech features and extreme gradient boosting. Medical and Biological Engineering and Computing, 2020, 58, 2757-2773.	2.8	21
25	Modulation of the Somatosensory Blink Reflex in the Peripersonal Space Is Defective in Episodic Migraine. Pain Medicine, 2020, 21, 1663-1667.	1.9	1
26	Ataxia telangiectasia like disorder: Another dopa-responsive disorder look-alike?. Parkinsonism and Related Disorders, 2020, 74, 22-24.	2.2	1
27	Late component of trigemino-cervical reflex: changes according to age and gender. Neurological Sciences, 2020, 41, 1759-1764.	1.9	3
28	Seizures in patients with respiratory disease - a retrospective single center study. Arquivos De Neuro-Psiquiatria, 2020, 78, 247-254.	0.8	2
29	Cutaneous silent period: A literature review. Neurological Sciences and Neurophysiology, 2020, 37, 101.	0.3	1
30	Impact of Intermittent Hypoxia on Peripheral Nervous Systems in Obstructive Sleep Apnea Syndrome. Neurological Sciences and Neurophysiology, 2020, 37, 18-23.	0.3	2
31	Prepulse inhibition and recovery of trigemino-cervical reflex in patients with cervical dystonia. Neurophysiologie Clinique, 2020, 50, 361-366.	2.2	2
32	Reduced inhibition in brainstem circuits in classical trigeminal neuralgia. European Journal of Pain, 2019, 23, 142-149.	2.8	2
33	Recovery function of somatosensory evoked potentials in juvenile myoclonic epilepsy*. Somatosensory & Motor Research, 2019, 36, 195-201.	0.9	2
34	Fear leads to a deficit of prepulse inhibition of blink reflex in healthy humans. Neurological Sciences, 2019, 40, 2581-2586.	1.9	1
35	Effects of vibration on cutaneous silent period. Experimental Brain Research, 2019, 237, 911-918.	1.5	4
36	Brainstem reflexes in neuro-Behçet disease. Neurophysiologie Clinique, 2019, 49, 381-384.	2.2	0

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37	Prepulse modulation and recovery of trigemino-cervical reflex in normal subjects. Neurological Sciences, 2019, 40, 305-310.	1.9	3
38	A comparative analysis of speech signal processing algorithms for Parkinson's disease classification and the use of the tunable Q-factor wavelet transform. Applied Soft Computing Journal, 2019, 74, 255-263.	7.2	325
39	Guillain-Barre Syndrome and its Variants: Clinical Course and Prognostic Factors. Noropsikiyatri Arsivi, 2019, 56, 71-74.	0.3	2
40	Evaluation of Pre and Postoperative Polysomnographic Data in Patients with Idiopathic Parkinson's Disease Undergoing Deep Brain Stimulation Intended Bilateral Subthalamic Nucleus. Journal of Turkish Sleep Medicine, 2019, 6, 53-58.	0.5	0
41	Differential modulation of prepulse inhibition of the blink reflex in peripersonal versus extrapersonal space. Neurophysiologie Clinique, 2018, 48, 181-185.	2.2	3
42	Does Valproic Acid/Na Valproate Suppress Auditory Startle Reflex in Patients With Epilepsy?. Clinical EEG and Neuroscience, 2018, 49, 407-413.	1.7	0
43	The influence of the site of conditioning sensory stimuli on prepulse modulation of the blink reflex. Neurophysiologie Clinique, 2018, 48, 187-189.	2.2	1
44	Myoclonus in the elderly: A retrospective analysis of clinical and electrophysiological characteristics of patients referred to an electrophysiology laboratory. Parkinsonism and Related Disorders, 2018, 49, 22-27.	2.2	4
45	Cortical modulation of brainstem circuits is abnormal in cervical dystonia. Neuroscience Letters, 2018, 677, 84-87.	2.1	4
46	Reorganization of sensorimotor gating after peripheral facial palsy starts at brainstem. Neurological Research, 2018, 40, 543-550.	1.3	2
47	Pattern of startle reflex to somatosensory stimuli changes after spinal cord injury. Journal of Spinal Cord Medicine, 2018, 41, 36-41.	1.4	5
48	Fear-conditioned alterations of motor cortex excitability: The role of amygdala. Neuroscience Letters, 2018, 662, 346-350.	2.1	6
49	Electrophysiological Investigations in Orthostatic Myoclonus: Preliminary Findings. Canadian Journal of Neurological Sciences, 2018, 45, 100-103.	0.5	3
50	Reorganization of sensory input at brainstem in hemifacial spasm and postparalytic facial syndrome. Neurological Sciences, 2018, 39, 313-319.	1.9	9
51	Role of mesial temporal lobe structures in sensory processing in humans: a prepulse modulation study in temporal lobe epilepsy. Experimental Brain Research, 2018, 236, 3297-3305.	1.5	6
52	P3â€109: ASSOCIATION BETWEEN NADSYN1/DHCR7 AND CYP2R1 GENOTYPES AND PARKINSON'S DISEASE AND ITS CLINICAL FEATURES. Alzheimer's and Dementia, 2018, 14, P1109.	0.8	0
53	Posterior Auricular Muscle Response: Observations in Brainstem Lesions. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2018, 24, 243-247.	0.3	0
54	Comparisons of Akathisia and Restless Legs Syndrome: An Electrophysiologic Study. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2018, 24, 308-312.	0.3	0

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55	GC and VDR SNPs and Vitamin D Levels in Parkinson's Disease: The Relevance to Clinical Features. NeuroMolecular Medicine, 2017, 19, 24-40.	3.4	38
56	Startle Response in Progressive Myoclonic Epilepsy. Clinical EEG and Neuroscience, 2017, 48, 123-129.	1.7	6
57	Visually evoked startle response in a patient with epilepsy: a case report and review of the literature. Neurocase, 2017, 23, 79-81.	0.6	2
58	Migraine as a risk factor for young patients with ischemic stroke: a case–control study. Neurological Sciences, 2017, 38, 611-617.	1.9	22
59	Lower limb flexor reflex: Comparisons between drug-induced akathisia and restless legs syndrome. Neuroscience Letters, 2017, 641, 40-44.	2.1	6
60	Orienting reaction may help recognition of patients with psychogenic nonepileptic seizures. Neurophysiologie Clinique, 2017, 47, 231-237.	2.2	3
61	Dopaminergic medication unrelated myoclonus is less related to tremor in idiopathic Parkinson's disease. Neurological Sciences, 2017, 38, 679-682.	1.9	5
62	Comparison of clinical features and surgical outcome in focal cortical dysplasia type 1 and type 2. Epilepsy Research, 2017, 136, 130-136.	1.6	17
63	Brainstem reflexes are hyperactive in patients with drug-induced akathisia. Neurological Sciences, 2017, 38, 1683-1689.	1.9	7
64	Long-term follow-up of two siblings with adult-onset neuronal ceroid lipofuscinosis, Kufs type A. Epileptic Disorders, 2017, 19, 147-151.	1.3	11
65	Repetitive Facial Nerve Stimulation Using Occipitalis Muscle. Journal of Clinical Neurophysiology, 2017, 34, 348-352.	1.7	4
66	Anti-Neuronal Autoantibodies in Both Drug Responsive and Resistant Focal Seizures with Unknown Cause. Epilepsy Research, 2017, 135, 131-136.	1.6	23
67	Deficient prepulse inhibition of blink reflex in migraine and its relation to allodynia. Neurophysiologie Clinique, 2017, 47, 63-68.	2.2	9
68	A case illustrating how tremor of Wilson's disease may mimic functional tremor. Acta Neurologica Belgica, 2017, 117, 351-353.	1.1	5
69	Sleep bruxism is related to decreased inhibitory control of trigeminal motoneurons, but not with reticulobulbar system. Neurological Sciences, 2017, 38, 75-81.	1.9	7
70	Rapid Alleviation of Parkinson's Disease Symptoms via Electrostimulation of Intrinsic Auricular Muscle Zones. Frontiers in Human Neuroscience, 2017, 11, 338.	2.0	20
71	Non-invasive brain stimulation to promote motor and functional recovery following spinal cord injury. Neural Regeneration Research, 2017, 12, 1933.	3.0	43
72	Cortical relay time shortens in parkinsonÂ's disease with apraxia. Journal of Neurological Sciences, 2017, , .	0.0	0

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73	Repetitive transcranial magnetic stimulation in dystonia. Yeni Symposium, 2017, , 1.	0.1	O
74	Clinical and Electrophysiological Findings in Two Siblings with Familial Hyperekplexia. Noropsikiyatri Arsivi, 2017, 54, 90-91.	0.7	0
75	Recurrent Catatonia in Parkinson Disease. Journal of Clinical Psychopharmacology, 2016, 36, 104-106.	1.4	7
76	The Effect of Piracetam on Friedreich Ataxia. Clinical Neuropharmacology, 2016, 39, 159-160.	0.7	0
77	Electrophysiologic Evaluation of the Facial Nerve and Blink Reflex Pathways in Asymptomatic Cochlear Implant Users. Otolaryngology - Head and Neck Surgery, 2016, 155, 843-849.	1.9	2
78	Health related quality of life in patients with epilepsy in Turkey. Journal of Physical Therapy Science, 2016, 28, 240-245.	0.6	7
79	Electrophysiological findings in Rasmussen's syndrome. Epileptic Disorders, 2016, 18, 73-76.	1.3	5
80	Startle responses after different stimulus modalities differ in stroke. Neurophysiologie Clinique, 2016, 46, 193-199.	2.2	6
81	Deficient median nerve prepulse inhibition of the blink reflex in cervical dystonia. Clinical Neurophysiology, 2016, 127, 3524-3528.	1.5	9
82	The Effects of Dalfampridine on Hereditary Spastic Paraparesis. European Neurology, 2016, 76, 152-153.	1.4	4
83	Mentalis muscle related reflexes. Neurological Sciences, 2016, 37, 789-792.	1.9	3
84	A novel muscle for electroneurography in peripheral facial palsy: occipitalis. European Archives of Oto-Rhino-Laryngology, 2016, 273, 755-760.	1.6	4
85	Trigeminal somatosensorial evoked potentials suggest increased excitability during interictal period in patients with long disease duration in migraine. Neuroscience Letters, 2016, 612, 62-65.	2.1	5
86	Successful treatment of Juvenile parkinsonism with bilateral subthalamic deep brain stimulation in a 14-year-old patient with parkin gene mutation. Parkinsonism and Related Disorders, 2016, 24, 137-138.	2.2	8
87	Circadian Change in Blink Reflex Recovery in Restless Legs Syndrome. Noropsikiyatri Arsivi, 2016, 53, 263-266.	0.7	3
88	Sciatic neuropathy developed after injection during curettage. Agri Dergisi, 2016, 28, 46-48.	0.2	4
89	The comparison between the results and indications of electromyographic examination in childhood. Yeni Symposium, 2016, 54, 17.	0.1	O
90	P3-097: Serum interleukin 1 alpha and alpha 2 macroglobulin levels in patients with early- or late-onset Alzheimer's disease or mild cognitive impairment., 2015, 11, P657-P657.		2

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91	A method for recording facial motor response over occipitalis muscle. Neurophysiologie Clinique, 2015, 45, 221-222.	2.2	4
92	Lambert-Eaton myasthenic syndrome associated with thymic neuroendocrine carcinoma. Muscle and Nerve, 2015, 51, 936-938.	2.2	6
93	Specific brainstem and cortico-spinal reflex abnormalities in coexisting essential tremor and Parkinson's disease (ET-PD). Neurophysiologie Clinique, 2015, 45, 143-149.	2.2	6
94	Fâ€wave and motorâ€evoked potentials during motor imagery and observation in apraxia of Parkinson disease. Muscle and Nerve, 2015, 52, 1072-1077.	2.2	2
95	Long latency trigemino-cervical reflex in patients with cervical dystonia. Neurological Sciences, 2015, 36, 103-108.	1.9	9
96	The interleukin 1 alpha, interleukin 1 beta, interleukin 6 and alpha-2-macroglobulin serum levels in patients with early or late onset Alzheimer's disease, mild cognitive impairment or Parkinson's disease. Journal of Neuroimmunology, 2015, 283, 50-57.	2.3	197
97	Enhanced blink reflex recovery in juvenile myoclonic epilepsy. Neuroscience Letters, 2015, 609, 7-10.	2.1	4
98	P3-082: Compromised regulation of serum cytokine levels and BDNF due to low levels of vitamin d in patients with early- or late-onset Alzheimer's disease or parkinson's disease., 2015, 11, P649-P650.		0
99	Auditory startle reflex and startle reflex to somatosensory inputs in generalized dystonia. Clinical Neurophysiology, 2015, 126, 1740-1745.	1.5	12
100	Auditory startle response is normal in juvenile myoclonic epilepsy. Neurological Sciences, 2015, 36, 1247-1249.	1.9	5
101	Blink reflex in progressive myoclonic epilepsies. Seizure: the Journal of the British Epilepsy Association, 2015, 29, 169-173.	2.0	4
102	Spontaneous intracranial hypotension presenting with coma: case report and review of the literature. Agri Dergisi, 2015, 27, 160-2.	0.2	2
103	An Unusual Presenting Symptom in an Atypical Case of Acute Inflammatory Polyradiculopathy: Facial Pruritus. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2015, 21, 74-76.	0.3	0
104	A Case of Senile Chorea: Considering Huntington's Disease and Neuroacanthocytosis in differential diagnosis. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2015, 21, 119-123.	0.3	0
105	Trigemino-cervical reflex in spinal cord injury. Neuroscience Letters, 2014, 580, 169-172.	2.1	11
106	Upper limbs spread of orthostatic tremor following hip replacement surgery. Neurology India, 2014, 62, 462.	0.4	4
107	Outcomes in spasticity after repetitive transcranial magnetic and transcranial direct current stimulations. Neural Regeneration Research, 2014, 9, 712.	3.0	36
108	Brainstem and spinal reflex studies in patients with primary progressive freezing of gait. Journal of the Neurological Sciences, 2014, 343, 51-55.	0.6	10

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109	Cerebrotendinous Xanthomatosis: The Effectiveness of High-Dose Piracetam for the Treatment of Cerebellar and Sensorial Ataxia. Cerebellum, 2014, 13, 787-790.	2.5	7
110	FBXO7â€"R498X mutation: Phenotypic variability from chorea to early onset parkinsonism within a family. Parkinsonism and Related Disorders, 2014, 20, 1253-1256.	2.2	29
111	Effective Treatment of Congenital Muscular Torticollis Using Botulinum Toxin. Journal of Craniofacial Surgery, 2014, 25, 1935.	0.7	4
112	An Unusual Case of Corticobasal Syndrome. Noropsikiyatri Arsivi, 2014, 51, 410-411.	0.7	2
113	Unilateral Thalamic Vim and GPi Stimulation for the Treatment of Holmes' Tremor Caused by Midbrain Cavernoma: Case Report and Review of the Literature. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, 271-276.	0.8	18
114	CAN RAMADAN FASTING CAUSE RELAPSE and AGGRAVATION of SPONTANEOUS INTRACRANIAL HYPOTENSION?. Agri Dergisi, 2013, 25, 44-46.	0.2	1
115	Spontan İntrakraniyal Hipotansiyonda Epidural Kan Yaması Uygulanması Sırasında Nöbet. Noropsikiyat Arsivi, 2012, 49, 160-162.	ri O.7	0
116	Periferik Sinir Sisteminin Farklı Bölgelerinde Etkilenmeye Bağlı Zoster Parezisi. Noropsikiyatri Arsivi, 2012, 49, 314-316.	0.7	0
117	Novel NDE1 homozygous mutation resulting in microhydranencephaly and not microlyssencephaly. Neurogenetics, 2012, 13, 189-194.	1.4	40
118	Acoustic startle response in patients with orthostatic tremor. Neuroscience Letters, 2012, 525, 100-104.	2.1	5
119	Cırcadıan changes ın cortıcal excıtabılıty ın restless legs syndrome. Journal of the Neurological Sciences, 2012, 316, 122-125.	0.6	24
120	Four novel and two recurrent NHLRC1 (EPM2B) and EPM2A gene mutations leading to Lafora disease in six Turkish families. Epilepsy Research, 2012, 98, 273-276.	1.6	12
121	Headache in Carotid Artery Stenting and Angiography. Headache, 2012, 52, 544-549.	3.9	14
122	Dysembryoplastic neuroepithelial tumors and gangliogliomas: clinical results of 52 patients. Acta Neurochirurgica, 2010, 152, 1661-1671.	1.7	37
123	Functional deficiencies of sulfite oxidase: Differential diagnoses in neonates presenting with intractable seizures and cystic encephalomalacia. Brain and Development, 2010, 32, 544-549.	1.1	66
124	Familial microhydranencephaly, a family that does not map to 16p13.13-p12.2: relationship with hereditary fetal brain degeneration and fetal brain disruption sequence. Clinical Dysmorphology, 2010, 19, 107-118.	0.3	8
125	Auditory evoked blink reflex and posterior auricular muscle response: Observations in patients with HFS and PFS. Journal of Electromyography and Kinesiology, 2010, 20, 508-512.	1.7	5
126	Partial status epilepticus induced by hypocupremia in a patient with Wilson's disease. Seizure: the Journal of the British Epilepsy Association, 2010, 19, 602-604.	2.0	17

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127	Morning Headache in Sleep Apnoea: Clinical and Polysomnographic Evaluation and Response to Nasal Continuous Positive Airway Pressure. Cephalalgia, 2009, 29, 635-641.	3.9	75
128	Spontaneous intracranial hypotension after labor without spinal intervention. European Journal of Neurology, 2008, 15, 91-93.	3.3	10
129	Postictal Catatonia in a Schizophrenic Patient and Electroconvulsive Treatment. Journal of ECT, 2008, 24, 166-167.	0.6	8
130	Peripheral neuropathy in patients with diabetic foot ulcers: Clinical and nerve conduction study. Journal of the Neurological Sciences, 2007, 258, 75-79.	0.6	56
131	Hemimasticatory spasm following pontine infarction. Movement Disorders, 2007, 22, 1674-1675.	3.9	16
132	Intrathecal Gadoliniumâ€Enhanced MRâ€Cisternography in Spontaneous Intracranial Hypotension Associated With Behcet's Syndrome. Headache, 2007, 47, 613-616.	3.9	6
133	Can spontaneous intracranial hypotension cause venous sinus thrombosis?. Journal of Headache and Pain, 2007, 8, 200-201.	6.0	17
134	An unusual case of vascular loop syndrome. Journal of Headache and Pain, 2007, 8, 242-244.	6.0	6
135	Contrast Agent for Intrathecal Gadolinium Administration. American Journal of Roentgenology, 2006, 187, W446-W446.	2.2	O
136	EEG Correlates of Startle Reflex with Reactivity to Eye Opening in Psychiatric Disorders: Preliminary Results. Clinical EEG and Neuroscience, 2006, 37, 230-234.	1.7	13
137	Herpes encephalitis as a cause of nonconvulsive status epilepticus. Epileptic Disorders, 2006, 8, 57-60.	1.3	11