

AyÅegÃ¼l GÃœendÃœz

List of Publications by Year in descending order

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137
papers

1,591
citations

471509

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docs citations

139
times ranked

2379
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative analysis of speech signal processing algorithms for Parkinsonâ€™s disease classification and the use of the tunable Q-factor wavelet transform. Applied Soft Computing Journal, 2019, 74, 255-263.	7.2	325
2	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
3	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
4	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
5	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
6	Non-invasive brain stimulation to promote motor and functional recovery following spinal cord injury. Neural Regeneration Research, 2017, 12, 1933.	3.0	43
7	Novel NDE1 homozygous mutation resulting in microhydranencephaly and not microlyssencephaly. Neurogenetics, 2012, 13, 189-194.	1.4	40
8	GC and VDR SNPs and Vitamin D Levels in Parkinsonâ€™s Disease: The Relevance to Clinical Features. NeuroMolecular Medicine, 2017, 19, 24-40.	3.4	38
9	Dysembryoplastic neuroepithelial tumors and gangliogliomas: clinical results of 52 patients. Acta Neurochirurgica, 2010, 152, 1661-1671.	1.7	37
10	Outcomes in spasticity after repetitive transcranial magnetic and transcranial direct current stimulations. Neural Regeneration Research, 2014, 9, 712.	3.0	36
11	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
12	CÄ±rcadÄ±an changes Ä±n cortÄ±cal excÄ±tabÄ±lÄ±ty Ä±n restless legs syndrome. Journal of the Neurological Sciences, 2012, 316, 122-125.	0.6	24
13	Anti-Neuronal Autoantibodies in Both Drug Responsive and Resistant Focal Seizures with Unknown Cause. Epilepsy Research, 2017, 135, 131-136.	1.6	23
14	Migraine as a risk factor for young patients with ischemic stroke: a caseâ€™control study. Neurological Sciences, 2017, 38, 611-617.	1.9	22
15	Estimation of Parkinsonâ€™s disease severity using speech features and extreme gradient boosting. Medical and Biological Engineering and Computing, 2020, 58, 2757-2773.	2.8	21
16	Rapid Alleviation of Parkinsonâ€™s Disease Symptoms via Electrostimulation of Intrinsic Auricular Muscle Zones. Frontiers in Human Neuroscience, 2017, 11, 338.	2.0	20
17	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
18	Can spontaneous intracranial hypotension cause venous sinus thrombosis?. Journal of Headache and Pain, 2007, 8, 200-201.	6.0	17

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19	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
20	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
21	Hemimasticatory spasm following pontine infarction. Movement Disorders, 2007, 22, 1674-1675.	3.9	16
22	Headache in Carotid Artery Stenting and Angiography. Headache, 2012, 52, 544-549.	3.9	14
23	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
24	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
25	Auditory startle reflex and startle reflex to somatosensory inputs in generalized dystonia. Clinical Neurophysiology, 2015, 126, 1740-1745.	1.5	12
26	Trigemino-cervical reflex in spinal cord injury. Neuroscience Letters, 2014, 580, 169-172.	2.1	11
27	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
28	Herpes encephalitis as a cause of nonconvulsive status epilepticus. Epileptic Disorders, 2006, 8, 57-60.	1.3	11
29	Spontaneous intracranial hypotension after labor without spinal intervention. European Journal of Neurology, 2008, 15, 91-93.	3.3	10
30	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
31	Long latency trigemino-cervical reflex in patients with cervical dystonia. Neurological Sciences, 2015, 36, 103-108.	1.9	9
32	Deficient median nerve prepulse inhibition of the blink reflex in cervical dystonia. Clinical Neurophysiology, 2016, 127, 3524-3528.	1.5	9
33	Deficient prepulse inhibition of blink reflex in migraine and its relation to allodynia. Neurophysiologie Clinique, 2017, 47, 63-68.	2.2	9
34	Reorganization of sensory input at brainstem in hemifacial spasm and postparalytic facial syndrome. Neurological Sciences, 2018, 39, 313-319.	1.9	9
35	The Complex Genetic Landscape of Hereditary Ataxias in Turkey and Implications in Clinical Practice. Movement Disorders, 2021, 36, 1676-1688.	3.9	9
36	Postictal Catatonia in a Schizophrenic Patient and Electroconvulsive Treatment. Journal of ECT, 2008, 24, 166-167.	0.6	8

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37	Familial microhydranencephaly, a family that does not map to 16p13.13-p12.2: relationship with hereditary fetal brain degeneration and fetal brain disruption sequence. <i>Clinical Dysmorphology</i> , 2010, 19, 107-118.	0.3	8
38	Successful treatment of Juvenile parkinsonism with bilateral subthalamic deep brain stimulation in a 14-year-old patient with parkin gene mutation. <i>Parkinsonism and Related Disorders</i> , 2016, 24, 137-138.	2.2	8
39	Cerebrotendinous Xanthomatosis: The Effectiveness of High-Dose Piracetam for the Treatment of Cerebellar and Sensorial Ataxia. <i>Cerebellum</i> , 2014, 13, 787-790.	2.5	7
40	Recurrent Catatonia in Parkinson Disease. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 104-106.	1.4	7
41	Health related quality of life in patients with epilepsy in Turkey. <i>Journal of Physical Therapy Science</i> , 2016, 28, 240-245.	0.6	7
42	Brainstem reflexes are hyperactive in patients with drug-induced akathisia. <i>Neurological Sciences</i> , 2017, 38, 1683-1689.	1.9	7
43	Sleep bruxism is related to decreased inhibitory control of trigeminal motoneurons, but not with reticulobulbar system. <i>Neurological Sciences</i> , 2017, 38, 75-81.	1.9	7
44	Ulnar Neuropathy at Elbow in Patients With Type 2 Diabetes Mellitus. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 220-224.	1.7	7
45	Intrathecal Gadolinium-Enhanced MR-Cisternography in Spontaneous Intracranial Hypotension Associated With Behcet's Syndrome. <i>Headache</i> , 2007, 47, 613-616.	3.9	6
46	An unusual case of vascular loop syndrome. <i>Journal of Headache and Pain</i> , 2007, 8, 242-244.	6.0	6
47	Lambert-Eaton myasthenic syndrome associated with thymic neuroendocrine carcinoma. <i>Muscle and Nerve</i> , 2015, 51, 936-938.	2.2	6
48	Specific brainstem and cortico-spinal reflex abnormalities in coexisting essential tremor and Parkinson's disease (ET-PD). <i>Neurophysiologie Clinique</i> , 2015, 45, 143-149.	2.2	6
49	Startle responses after different stimulus modalities differ in stroke. <i>Neurophysiologie Clinique</i> , 2016, 46, 193-199.	2.2	6
50	Startle Response in Progressive Myoclonic Epilepsy. <i>Clinical EEG and Neuroscience</i> , 2017, 48, 123-129.	1.7	6
51	Lower limb flexor reflex: Comparisons between drug-induced akathisia and restless legs syndrome. <i>Neuroscience Letters</i> , 2017, 641, 40-44.	2.1	6
52	Fear-conditioned alterations of motor cortex excitability: The role of amygdala. <i>Neuroscience Letters</i> , 2018, 662, 346-350.	2.1	6
53	Role of mesial temporal lobe structures in sensory processing in humans: a prepulse modulation study in temporal lobe epilepsy. <i>Experimental Brain Research</i> , 2018, 236, 3297-3305.	1.5	6
54	Auditory evoked blink reflex and posterior auricular muscle response: Observations in patients with HFS and PFS. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 508-512.	1.7	5

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55	Acoustic startle response in patients with orthostatic tremor. <i>Neuroscience Letters</i> , 2012, 525, 100-104.	2.1	5
56	Auditory startle response is normal in juvenile myoclonic epilepsy. <i>Neurological Sciences</i> , 2015, 36, 1247-1249.	1.9	5
57	Electrophysiological findings in Rasmussen's syndrome. <i>Epileptic Disorders</i> , 2016, 18, 73-76.	1.3	5
58	Trigeminal somatosensorial evoked potentials suggest increased excitability during interictal period in patients with long disease duration in migraine. <i>Neuroscience Letters</i> , 2016, 612, 62-65.	2.1	5
59	Dopaminergic medication unrelated myoclonus is less related to tremor in idiopathic Parkinsonâ€™s disease. <i>Neurological Sciences</i> , 2017, 38, 679-682.	1.9	5
60	A case illustrating how tremor of Wilsonâ€™s disease may mimic functional tremor. <i>Acta Neurologica Belgica</i> , 2017, 117, 351-353.	1.1	5
61	Pattern of startle reflex to somatosensory stimuli changes after spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2018, 41, 36-41.	1.4	5
62	Sleep parameters associated with long-term outcome following subthalamic deep brain stimulation in Parkinson's disease. <i>Revue Neurologique</i> , 2020, 176, 277-284.	1.5	5
63	Genetic variants of vitamin D metabolism-related <i>DHCR7/NADSYN1</i> locus and <i>CYP2R1</i> gene are associated with clinical features of Parkinsonâ€™s disease. <i>International Journal of Neuroscience</i> , 2022, 132, 439-449.	1.6	5
64	Progression of myoclonus subtypes in subacute sclerosing panencephalitis. <i>Neurophysiologie Clinique</i> , 2021, 51, 533-540.	2.2	5
65	Upper limbs spread of orthostatic tremor following hip replacement surgery. <i>Neurology India</i> , 2014, 62, 462.	0.4	4
66	Effective Treatment of Congenital Muscular Torticollis Using Botulinum Toxin. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 1935.	0.7	4
67	A method for recording facial motor response over occipitalis muscle. <i>Neurophysiologie Clinique</i> , 2015, 45, 221-222.	2.2	4
68	Enhanced blink reflex recovery in juvenile myoclonic epilepsy. <i>Neuroscience Letters</i> , 2015, 609, 7-10.	2.1	4
69	Blink reflex in progressive myoclonic epilepsies. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 29, 169-173.	2.0	4
70	The Effects of Dalfampridine on Hereditary Spastic Paraparesis. <i>European Neurology</i> , 2016, 76, 152-153.	1.4	4
71	A novel muscle for electroneurography in peripheral facial palsy: occipitalis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 755-760.	1.6	4
72	Repetitive Facial Nerve Stimulation Using Occipitalis Muscle. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 348-352.	1.7	4

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73	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
74	Cortical modulation of brainstem circuits is abnormal in cervical dystonia. Neuroscience Letters, 2018, 677, 84-87.	2.1	4
75	Effects of vibration on cutaneous silent period. Experimental Brain Research, 2019, 237, 911-918.	1.5	4
76	Sciatic neuropathy developed after injection during curettage. Agri Dergisi, 2016, 28, 46-48.	0.2	4
77	Mentalis muscle related reflexes. Neurological Sciences, 2016, 37, 789-792.	1.9	3
78	Orienting reaction may help recognition of patients with psychogenic nonepileptic seizures. Neurophysiologie Clinique, 2017, 47, 231-237.	2.2	3
79	Differential modulation of prepulse inhibition of the blink reflex in peripersonal versus extrapersonal space. Neurophysiologie Clinique, 2018, 48, 181-185.	2.2	3
80	Electrophysiological Investigations in Orthostatic Myoclonus: Preliminary Findings. Canadian Journal of Neurological Sciences, 2018, 45, 100-103.	0.5	3
81	Prepulse modulation and recovery of trigemino-cervical reflex in normal subjects. Neurological Sciences, 2019, 40, 305-310.	1.9	3
82	Occipitalis muscle: using for repetitive facial nerve stimulation in myasthenia gravis. Acta Neurologica Belgica, 2020, 120, 609-613.	1.1	3
83	Circadian Change in Blink Reflex Recovery in Restless Legs Syndrome. Noropsikiyatri Arsivi, 2016, 53, 263-266.	0.7	3
84	Late component of trigemino-cervical reflex: changes according to age and gender. Neurological Sciences, 2020, 41, 1759-1764.	1.9	3
85	Analysis of neurology consultations in hospitalized patients with COVID-19. Acta Neurologica Belgica, 2022, 122, 1011-1018.	1.1	3
86	Prevalence of clinical manifestations and neuroimaging features in cerebral small vessel disease. Clinical Neurology and Neurosurgery, 2022, 217, 107244.	1.4	3
87	A mild course of COVID-19 infection in a generalized Myasthenia gravis patient under eculizumab treatment. Neurological Sciences, 2022, , 1.	1.9	3
88	Myoclonus and tremor in chronic inflammatory demyelinating polyneuropathy: a multichannel electromyography analysis. Acta Neurologica Belgica, 2022, 122, 1289-1296.	1.1	3
89	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
90	Fâ€wve and motorâ€evoked potentials during motor imagery and observation in apraxia of Parkinson disease. Muscle and Nerve, 2015, 52, 1072-1077.	2.2	2

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91	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
92	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
93	Reorganization of sensorimotor gating after peripheral facial palsy starts at brainstem. Neurological Research, 2018, 40, 543-550.	1.3	2
94	Reduced inhibition in brainstem circuits in classical trigeminal neuralgia. European Journal of Pain, 2019, 23, 142-149.	2.8	2
95	Recovery function of somatosensory evoked potentials in juvenile myoclonic epilepsy*. Somatosensory & Motor Research, 2019, 36, 195-201.	0.9	2
96	Movement disorders in the early-diagnosed cerebrotendinous xanthomatosis: An electrophysiological study. Parkinsonism and Related Disorders, 2020, 80, 12-14.	2.2	2
97	What is the best treatment approach for sporadic late-onset nemaline myopathy associated with monoclonal gammopathy of neurological significance?. International Journal of Cancer, 2021, 148, 2638-2639.	5.1	2
98	The role of pedunculo pontine nucleus in isolated REM sleep behavior disorder and REM sleep without atonia. Parkinsonism and Related Disorders, 2021, 84, 68-73.	2.2	2
99	An Unusual Case of Corticobasal Syndrome. Noropsikiyatri Arsivi, 2014, 51, 410-411.	0.7	2
100	Spontaneous intracranial hypotension presenting with coma: case report and review of the literature. Agri Dergisi, 2015, 27, 160-2.	0.2	2
101	Guillain-Barre Syndrome and its Variants: Clinical Course and Prognostic Factors. Noropsikiyatri Arsivi, 2019, 56, 71-74.	0.3	2
102	Seizures in patients with respiratory disease - a retrospective single center study. Arquivos De Neuro-Psiquiatria, 2020, 78, 247-254.	0.8	2
103	Impact of Intermittent Hypoxia on Peripheral Nervous Systems in Obstructive Sleep Apnea Syndrome. Neurological Sciences and Neurophysiology, 2020, 37, 18-23.	0.3	2
104	Prepulse inhibition and recovery of trigemino-cervical reflex in patients with cervical dystonia. Neurophysiologie Clinique, 2020, 50, 361-366.	2.2	2
105	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
106	Fear leads to a deficit of prepulse inhibition of blink reflex in healthy humans. Neurological Sciences, 2019, 40, 2581-2586.	1.9	1
107	Changes in brainstem excitatory and inhibitory pathways in dry eye syndrome. Neuroscience Letters, 2020, 718, 134726.	2.1	1
108	Cutaneous silent period in patients with spinal muscular atrophy type 2 and type 3. Neurophysiologie Clinique, 2020, 50, 353-359.	2.2	1

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109	Modulation of the Somatosensory Blink Reflex in the Peripersonal Space Is Defective in Episodic Migraine. Pain Medicine, 2020, 21, 1663-1667.	1.9	1
110	Ataxia telangiectasia like disorder: Another dopa-responsive disorder look-alike?. Parkinsonism and Related Disorders, 2020, 74, 22-24.	2.2	1
111	Modulation of the excitatory phase following the cutaneous silent period by vibration. Neurological Sciences, 2021, 42, 633-637.	1.9	1
112	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
113	Contribution of brainstem circuits in pathophysiology of NREM-sleep parasomnias. Neuroscience Letters, 2021, 760, 136075.	2.1	1
114	Postural tremor in L-2-hydroxyglutaric aciduria is associated with cerebellar atrophy. Neurological Sciences, 2021, , 1.	1.9	1
115	CAN RAMADAN FASTING CAUSE RELAPSE and AGGRAVATION of SPONTANEOUS INTRACRANIAL HYPOTENSION?. Agri Dergisi, 2013, 25, 44-46.	0.2	1
116	Cutaneous silent period: A literature review. Neurological Sciences and Neurophysiology, 2020, 37, 101.	0.3	1
117	Ataxia in a Movement Disorders Outpatient Clinic: a Single-Center Experience in Turkey. Cerebellum, 2022, , 1.	2.5	1
118	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
119	Contrast Agent for Intrathecal Gadolinium Administration. American Journal of Roentgenology, 2006, 187, W446-W446.	2.2	0
120	Spontan İntrakraniyal Hipotansiyonda Epidural Kan Yaması Uygulanması Sırasında Nöbet. Noropsikiyatri Arsivi, 2012, 49, 160-162.	0.7	0
121	Periferik Sinir Sisteminin Farklı Bölgelerinde Etkilenmeye Bağlı Zoster Parezi. Noropsikiyatri Arsivi, 2012, 49, 314-316.	0.7	0
122	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
123	The Effect of Piracetam on Friedreich Ataxia. Clinical Neuropharmacology, 2016, 39, 159-160.	0.7	0
124	Does Valproic Acid/Na Valproate Suppress Auditory Startle Reflex in Patients With Epilepsy?. Clinical EEG and Neuroscience, 2018, 49, 407-413.	1.7	0
125	P3-109: 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
126	Brainstem reflexes in neuro-Behçet disease. Neurophysiologie Clinique, 2019, 49, 381-384.	2.2	0

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127	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
128	A Case of Senile Chorea: Considering Huntingtonâ€™s Disease and Neuroacanthocytosis in differential diagnosis. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2015, 21, 119-123.	0.3	0
129	The comparison between the results and indications of electromyographic examination in childhood. Yeni Symposium, 2016, 54, 17.	0.1	0
130	Cortical relay time shortens in parkinsonâ€™s disease with apraxia. Journal of Neurological Sciences, 2017,, .	0.0	0
131	Repetitive transcranial magnetic stimulation in dystonia. Yeni Symposium, 2017, , 1.	0.1	0
132	Clinical and Electrophysiological Findings in Two Siblings with Familial Hyperekplexia. Noropsikiyatri Arsivi, 2017, 54, 90-91.	0.7	0
133	Posterior Auricular Muscle Response: Observations in Brainstem Lesions. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2018, 24, 243-247.	0.3	0
134	Comparisons of Akathisia and Restless Legs Syndrome: An Electrophysiologic Study. Turk Noroloji Dergisi = Turkish Journal of Neurology, 2018, 24, 308-312.	0.3	0
135	Evaluation of Pre and Postoperative Polysomnographic Data in Patients with Idiopathic Parkinsonâ€™s Disease Undergoing Deep Brain Stimulation Intended Bilateral Subthalamic Nucleus. Journal of Turkish Sleep Medicine, 2019, 6, 53-58.	0.5	0
136	Surround inhibition in patients with juvenile myoclonic epilepsy. Neurological Research, 2021, 43, 343-348.	1.3	0
137	Action myoclonus-renal failure syndrome: Electrophysiological analysis and clinical progression of two siblings. Parkinsonism and Related Disorders, 2022, , .	2.2	0