## Akihisa Okumura

List of Publications by Year in descending order

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149 2,525 2
papers citations h-in

24 45
h-index g-index

154 154 all docs citations

154 times ranked 2605 citing authors

#	Article	IF	CITATIONS
1	Epidemiology of acute encephalopathy in Japan, with emphasis on the association of viruses and syndromes. Brain and Development, 2012, 34, 337-343.	1.1	328
2	Neonatal EEG: a powerful tool in the assessment of brain damage in preterm infants. Brain and Development, 1999, 21, 361-372.	1.1	212
3	Clinical features of benign convulsions with mild gastroenteritis. Brain and Development, 2002, 24, 745-749.	1.1	127
4	Clinical Features of Acute Flaccid Myelitis Temporally Associated With an Enterovirus D68 Outbreak: Results of a Nationwide Survey of Acute Flaccid Paralysis in Japan, August–December 2015. Clinical Infectious Diseases, 2018, 66, 653-664.	5.8	110
5	Determination of Timing of Brain Injury in Preterm Infants With Periventricular Leukomalacia With Serial Neonatal Electroencephalography. Pediatrics, 1999, 104, 1077-1081.	2.1	89
6	Kernicterus in Preterm Infants. Pediatrics, 2009, 123, e1052-e1058.	2.1	79
7	Symptomatology of infantile spasms. Brain and Development, 2001, 23, 453-466.	1.1	73
8	Guidelines for the diagnosis and treatment of acute encephalopathy in childhood. Brain and Development, 2021, 43, 2-31.	1.1	67
9	Oxidative stress in patients with clinically mild encephalitis/encephalopathy with a reversible splenial lesion (MERS). Brain and Development, 2012, 34, 124-127.	1.1	60
10	Acute encephalopathy in children with Dravet syndrome. Epilepsia, 2012, 53, 79-86.	5.1	53
11	Efficacy of antiepileptic drugs in patients with benign convulsions with mild gastroenteritis. Brain and Development, 2004, 26, 164-167.	1.1	50
12	EEG for Predicting Early Neurodevelopment in Preterm Infants: An Observational Cohort Study. Pediatrics, 2012, 130, e891-e897.	2.1	49
13	Combination of neonatal electroencephalography and ultrasonography: sensitive means of early diagnosis of periventricular leukomalacia. Brain and Development, 2002, 24, 698-702.	1.1	41
14	Epidemiological changes of acute encephalopathy in Japan based on national surveillance for 2014–2017. Brain and Development, 2020, 42, 508-514.	1.1	41
15	Clinical and neuroimaging findings in children with posterior reversible encephalopathy syndrome. European Journal of Paediatric Neurology, 2015, 19, 672-678.	1.6	40
16	Benign partial epilepsies in infancy. Brain and Development, 2000, 22, 296-300.	1.1	38
17	Chronologic Changes in Neonatal EEG Findings in Periventricular Leukomalacia. Pediatrics, 2009, 124, e468-e475.	2.1	38
18	Long-term Follow-up of Patients with Benign Partial Epilepsy in Infancy. Epilepsia, 2006, 47, 181-185.	5.1	36

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19	Genomic backgrounds of Japanese patients with undiagnosed neurodevelopmental disorders. Brain and Development, 2019, 41, 776-782.	1.1	36
20	<i>MYRF</i> is associated with encephalopathy with reversible myelin vacuolization. Annals of Neurology, 2018, 83, 98-106.	5.3	35
21	Serum unbound bilirubin as a predictor for clinical kernicterus in extremely low birth weight infants at a late age in the neonatal intensive care unit. Brain and Development, 2015, 37, 753-757.	1.1	34
22	PRRT2 mutation in Japanese children with benign infantile epilepsy. Brain and Development, 2013, 35, 641-646.	1.1	31
23	Serial MRI findings of acute flaccid myelitis during an outbreak of enterovirus D68 infection in Japan. Brain and Development, 2019, 41, 443-451.	1.1	31
24	Clinically mild encephalitis with a reversible splenial lesion (MERS) after mumps vaccination. Journal of the Neurological Sciences, 2015, 349, 226-228.	0.6	27
25	Early infantile manifestations of incontinentia pigmenti mimicking acute encephalopathy. Brain and Development, 2011, 33, 28-34.	1.1	26
26	NOROVIRUS ENCEPHALOPATHY IN A PREVIOUSLY HEALTHY CHILD. Pediatric Infectious Disease Journal, 2010, 29, 1057-1059.	2.0	24
27	Single photon emission computed tomography and serial MRI in preterm infants with kernicterus.  Brain and Development, 2006, 28, 348-352.	1.1	20
28	Clinical trial of minimal treatment for clustering seizures in cases of convulsions with mild gastroenteritis. Brain and Development, 2011, 33, 120-124.	1.1	20
29	Diffusion-weighted MRI for early diagnosis of neonatal herpes simplex encephalitis. Brain and Development, 2015, 37, 423-431.	1.1	19
30	3p Interstitial Deletion Including PRICKLE2 in Identical Twins With Autistic Features. Pediatric Neurology, 2014, 51, 730-733.	2.1	18
31	Changes in Cerebrospinal Fluid Biomarkers in Human Herpesvirus-6-Associated Acute Encephalopathy/Febrile Seizures. Mediators of Inflammation, 2014, 2014, 1-8.	3.0	17
32	Manifestations and characteristics of congenital adrenal hyperplasia-associated encephalopathy. Brain and Development, 2016, 38, 638-647.	1.1	17
33	Rapidly decreasing prevalence of Helicobacter pylori among Japanese children and adolescents. Journal of Infection and Chemotherapy, 2019, 25, 526-530.	1.7	17
34	A nationwide survey of norovirus-associated encephalitis/encephalopathy in Japan. Brain and Development, 2019, 41, 263-270.	1.1	17
35	Diagnosis of Bilirubin Encephalopathy in Preterm Infants with Dyskinetic Cerebral Palsy. Neonatology, 2020, 117, 73-79.	2.0	17
36	Policy statement of enteral nutrition for preterm and very low birthweight infants. Pediatrics International, 2020, 62, 124-127.	0.5	17

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37	The spectrum of acute encephalopathy with reduced diffusion in the unilateral hemisphere. European Journal of Paediatric Neurology, 2009, 13, 154-159.	1.6	16
38	PRRT2 mutations in Japanese patients with benign infantile epilepsy and paroxysmal kinesigenic dyskinesia. Seizure: the Journal of the British Epilepsy Association, 2019, 71, 1-5.	2.0	16
39	Brainstem disconnection associated with nodular heterotopia and proatlantal arteries. American Journal of Medical Genetics, Part A, 2009, 149A, 2479-2483.	1.2	15
40	Nutritional state, maturational delay on electroencephalogram, and developmental outcome in extremely low birth weight infants. Brain and Development, 2010, 32, 613-618.	1.1	15
41	Decreased platelet count in children with epilepsy treated with valproate and its relationship to the immature platelet fraction. International Journal of Hematology, 2018, 107, 105-111.	1.6	14
42	Acute Encephalopathy in a Child With Secondary Carnitine Deficiency due to Pivalate-conjugated Antibiotics. Pediatric Infectious Disease Journal, 2011, 30, 92.	2.0	13
43	Efficacy and safety of fosphenytoin for benign convulsions with mild gastroenteritis. Brain and Development, 2015, 37, 864-867.	1.1	13
44	A de novo TUBB4A mutation in a patient with hypomyelination mimicking Pelizaeus–Merzbacher disease. Brain and Development, 2015, 37, 281-285.	1.1	13
45	Gastric cancer in children and adolescents in Japan. Pediatrics International, 2019, 61, 80-86.	0.5	13
46	CHCHD2 is down-regulated in neuronal cells differentiated from iPS cells derived from patients with lissencephaly. Genomics, 2015, 106, 196-203.	2.9	12
47	A patient with a GNAO1 mutation with decreased spontaneous movements, hypotonia, and dystonic features. Brain and Development, 2018, 40, 926-930.	1.1	12
48	White Blood Cell and Neutrophil Counts and Response to Intravenous Immunoglobulin in Kawasaki Disease. Global Pediatric Health, 2019, 6, 2333794X1988482.	0.7	12
49	Increased Pentraxin 3 Levels Correlate With IVIG Responsiveness and Coronary Artery Aneurysm Formation in Kawasaki Disease. Frontiers in Immunology, 2021, 12, 624802.	4.8	12
50	Comprehensive clinical and molecular studies in split-hand/foot malformation: identification of two plausible candidate genes (LRP6 and UBA2). European Journal of Human Genetics, 2019, 27, 1845-1857.	2.8	11
51	Phenotypes of children with 20q13.3 microdeletion affecting <i>KCNQ2</i> and <i>CHRNA4</i> Epileptic Disorders, 2015, 17, 165-171.	1.3	10
52	Vitamin B1 Deficiency Related to Excessive Soft Drink Consumption in Japan. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 838-842.	1.8	10
53	Multiple Magnets Ingestion Followed by Intestinal Fistula With Mild Symptoms. Global Pediatric Health, 2019, 6, 2333794X1985580.	0.7	10
54	Transiently reduced water diffusion in the corpus callosum in infants with benign partial epilepsy in infancy. Brain and Development, 2010, 32, 564-566.	1.1	9

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55	Efficacy and safety of fosphenytoin for acute encephalopathy in children. Brain and Development, 2015, 37, 418-422.	1.1	9
56	Increased fetal heart rate variability in periventricular leukomalacia. Brain and Development, 2016, 38, 196-203.	1.1	9
57	Attitudes of school teachers toward epilepsy in Nagoya, Japan. Epilepsy and Behavior, 2020, 103, 106359.	1.7	9
58	A nationwide survey of bilirubin encephalopathy in preterm infants in Japan. Brain and Development, 2020, 42, 730-737.	1.1	9
59	Electroencephalography in neonatal epilepsies. Pediatrics International, 2020, 62, 1019-1028.	0.5	9
60	A nationwide questionnaire survey on accidental magnet ingestion in children in Japan. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 314-325.	1.5	9
61	Attitude toward epilepsy after media coverage of car accidents related to persons with epilepsy in Japan. Epilepsy and Behavior, 2013, 27, 264-266.	1.7	8
62	Delayed recognition of childhood arterial ischemic stroke. Pediatrics International, 2019, 61, 895-903.	0.5	8
63	Serum carnitine levels of children with epilepsy: Related factors including valproate. Brain and Development, 2019, 41, 516-521.	1.1	8
64	Is attitude toward epilepsy and driving affected by media coverage?. Pediatrics International, 2014, 56, 759-762.	0.5	7
65	Focal seizures and epileptic spasms in a child with Down syndrome from a family with a PRRT2 mutation. Brain and Development, 2016, 38, 597-600.	1.1	7
66	Survey of rotavirusâ€associated severe complications in Aichi Prefecture. Pediatrics International, 2018, 60, 259-263.	0.5	7
67	Spontaneous adrenocorticotropic hormone (ACTH) normalisation due to tumour regression induced by metyrapone in a patient with ectopic ACTH syndrome: case report and literature review. BMC Endocrine Disorders, 2018, 18, 19.	2.2	7
68	Lacosamide for children with paroxysmal kinesigenic dyskinesia. Brain and Development, 2020, 42, 617-620.	1.1	7
69	Clinical findings in patients with febrile seizure after 5Âyears of age: A retrospective study. Brain and Development, 2020, 42, 449-456.	1.1	7
70	Evaluation of the Diagnostic Criteria for Anti-NMDA Receptor Encephalitis in Japanese Children. Neurology, 2021, 96, e2070-e2077.	1.1	7
71	Neonatal Jaundice in Preterm Infants with Bilirubin Encephalopathy. Neonatology, 2021, 118, 301-309.	2.0	7
72	Measurement of Reverse Triiodothyronine Level and the Triiodothyronine to Reverse Triiodothyronine Ratio in Dried Blood Spot Samples at Birth May Facilitate Early Detection of Monocarboxylate Transporter 8 Deficiency. Thyroid, 2021, 31, 1316-1321.	4.5	7

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73	Odontohypophosphatasia treated with asfotase alfa enzyme replacement therapy in a toddler: a case report. Clinical Pediatric Endocrinology, 2020, 29, 115-118.	0.8	7
74	Familial cases of Norrie disease detected by copy number analysis. Japanese Journal of Ophthalmology, 2014, 58, 448-454.	1.9	6
75	Epilepsy phenotypes in siblings with Norrie disease. Brain and Development, 2015, 37, 978-982.	1.1	6
76	Sustained improvement of attitudes about epilepsy following a reduction in media coverage of car accidents involving persons with epilepsy. Epilepsy and Behavior, 2015, 48, 41-44.	1.7	6
77	Pseudoprogression successfully treated with bevacizumab in a child with spinal pilocytic astrocytoma. Child's Nervous System, 2018, 34, 2305-2308.	1.1	6
78	Splenial Lesions in Benign Convulsions With Gastroenteritis Associated With Rotavirus Infection. Pediatric Neurology, 2020, 109, 79-84.	2.1	6
79	Epidemiology of child mortality and challenges in child death review in Japan. Pediatrics International, 2022, 64, .	0.5	6
80	Altered gene expression in umbilical cord mononuclear cells in preterm infants with periventricular leukomalacia. Early Human Development, 2010, 86, 665-667.	1.8	5
81	Differences between periventricular hemorrhagic infarction and periventricular leukomalacia. Brain and Development, 2014, 36, 555-562.	1.1	5
82	A de novo microdeletion involving PAFAH1B (LIS1) related to lissencephaly phenotype. Data in Brief, 2015, 4, 488-491.	1.0	5
83	Anti-aquaporin 4 antibody-positive acute disseminated encephalomyelitis. Brain and Development, 2015, 37, 339-343.	1.1	5
84	The effects of co-medications on lamotrigine clearance in Japanese children with epilepsy. Brain and Development, 2016, 38, 723-730.	1.1	5
85	Clinically silent seizures in a neonate with tuberous sclerosis. Pediatrics International, 2016, 58, 58-61.	0.5	5
86	Serum free carnitine levels in children with Kawasaki disease. Pediatrics International, 2022, 64, .	0.5	5
87	Insulin-like growth factor-1 level is a poor diagnostic indicator of growth hormone deficiency. Scientific Reports, 2021, 11, 16159.	3.3	5
88	Effects of l-carnitine supplementation in patients with childhood-onset epilepsy prescribed valproate. Epilepsy and Behavior, 2021, 122, 108220.	1.7	5
89	Sodium channel blockers are effective for benign infantile epilepsy. Seizure: the Journal of the British Epilepsy Association, 2021, 92, 207-210.	2.0	5
90	Acute encephalopathy with biphasic seizures and late reduced diffusion: Predictive EEG findings. Brain and Development, 2021, , .	1.1	5

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91	Efficacy and tolerability of high-dose phenobarbital in children with focal seizures. Brain and Development, 2016, 38, 414-418.	1.1	4
92	Fournier's gangrene during ACTH therapy. Brain and Development, 2017, 39, 435-438.	1.1	4
93	A questionnaire survey on the efficacy of various treatments for dyskinetic cerebral palsy due to preterm bilirubin encephalopathy. Brain and Development, 2020, 42, 322-328.	1.1	4
94	MRI findings in children with congenital cytomegalovirus infection retrospectively diagnosed with dried umbilical cord. Neuroradiology, 2021, 63, 761-768.	2.2	4
95	Association of early-onset epileptic encephalopathy with involuntary movements – Case series and literature review. Epilepsy and Behavior Reports, 2021, 15, 100417.	1.0	4
96	Acute encephalopathy in children with tuberous sclerosis complex. Orphanet Journal of Rare Diseases, 2021, 16, 5.	2.7	4
97	Neonatal seizure identification on reduced channel EEG. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2013, 98, F359-F361.	2.8	3
98	Cerebrospinal Fluid Oxidative Stress Marker Levels and Cytokine Concentrations in a Neonate With Incontinentia Pigmenti. Pediatric Neurology, 2014, 51, 737-740.	2.1	3
99	Worsening of attitudes toward epilepsy following less influential media coverage of epilepsy-related car accidents: An infodemiological approach. Epilepsy and Behavior, 2016, 64, 206-211.	1.7	3
100	Attitudes toward driver's licenses for people with epilepsy: 2012 versus 2014. Pediatrics International, 2017, 59, 185-189.	0.5	3
101	The effects of antihistamines on the semiology of febrile seizures. Brain and Development, 2019, 41, 72-76.	1.1	3
102	Harlequin syndrome associated with ganglioneuroblastoma-induced Horner syndrome. Child's Nervous System, 2021, 37, 2683-2686.	1.1	3
103	Administration of nusinersen via paramedian approach for spinal muscular atrophy. Brain and Development, 2021, 43, 121-126.	1.1	3
104	Acute flaccid myelitis presumably caused by coxsackie virus A10. Pediatrics International, 2021, 63, 104-105.	0.5	3
105	Three-Year Longitudinal Motor Function and Disability Level of Acute Flaccid Myelitis. Pediatric Neurology, 2021, 116, 14-19.	2.1	3
106	Auditory brainstem response in preterm infants with bilirubin encephalopathy. Early Human Development, 2021, 154, 105319.	1.8	3
107	Methylprednisolone-induced anaphylaxis diagnosed by intradermal skin test: a case report. Allergy, Asthma and Clinical Immunology, 2021, 17, 70.	2.0	3
108	Magnetic resonance imaging abnormalities during the neonatal period in preterm infants with bilirubin encephalopathy. Pediatrics and Neonatology, 2021, 62, 567-568.	0.9	3

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109	Usefulness of brain natriuretic peptide to distinguish Kawasaki disease from cervical lymphadenitis. Pediatrics International, 2022, 64, .	0.5	3
110	Thalamic Lesions in Acute Encephalopathy With Biphasic Seizures and Late Reduced Diffusion. Pediatric Neurology, 2014, 51, 701-705.	2.1	2
111	Gastric perforation and critical illness polyneuropathy after steroid treatment in a patient with encephalitis/encephalopathy with transient splenial lesion. Brain and Development, 2017, 39, 356-360.	1.1	2
112	The semiology of febrile seizures: Focal features are frequent. Epilepsy and Behavior, 2017, 73, 59-63.	1.7	2
113	Efficacy of a third or later antiepileptic drug regimen according to epilepsy syndrome among adult patients. Epilepsy Research, 2017, 136, 103-108.	1.6	2
114	Acute flaccid myelitis: an emerging clinical entity. Developmental Medicine and Child Neurology, 2019, 61, 290-291.	2.1	2
115	Pseudo-sawtooth pattern on amplitude-integrated electroencephalography in neonatal hypoxic–ischemic encephalopathy. Pediatric Research, 2020, 87, 529-535.	2.3	2
116	Respiratory illness and acute flaccid myelitis in the Tokai district in 2018. Pediatrics International, 2020, 62, 337-340.	0.5	2
117	Transient cortical diffusion restriction in children immediately after prolonged febrile seizures. European Journal of Paediatric Neurology, 2020, 27, 30-36.	1.6	2
118	A pilot study of serum free carnitine levels in hospitalized febrile children. Pediatrics International, 2021, 63, 102-103.	0.5	2
119	Carnitine supplementation prevents carnitine deficiency caused by pivalate-conjugated antibiotics in patients with epilepsy prescribed valproate. Epilepsy and Behavior, 2021, 117, 107883.	1.7	2
120	Effects of maternal magnesium sulfate treatment on newborns. Pediatrics International, 2022, 64, .	0.5	2
121	Regional Difference in Myelination in Monocarboxylate Transporter 8 Deficiency: Case Reports and Literature Review of Cases in Japan. Frontiers in Neurology, 2021, 12, 657820.	2.4	2
122	Involvement of brain structures in childhood epilepsy with centrotemporal spikes. Pediatrics International, 2022, 64, .	0.5	2
123	Epilepsies in Children with 2q24.3 Deletion/Duplication. Journal of Pediatric Epilepsy, 2015, 04, 008-016.	0.2	1
124	Cerebrospinal Fluid Matrix Metalloproteinase-9 Level in Children with Bacterial Meningitis. Juntendo Medical Journal, 2017, 63, 29-33.	0.1	1
125	The efficacy of adrenocorticotropic hormone in a girl with anti-N-methyl-D-aspartate receptor encephalitis. Brain and Development, 2018, 40, 247-250.	1.1	1
126	Parental awareness of young children's pattern of ionic beverage consumption. Pediatrics International, 2018, 60, 969-973.	0.5	1

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127	Evaluation of interobserver variability in application of the new neonatal seizure classification proposed by the ILAE Task Force. Epilepsy and Behavior, 2020, 111, 107292.	1.7	1
128	A trial of lacosamide for benign convulsions with gastroenteritis. Brain and Development, 2020, 42, 551-554.	1.1	1
129	Reverse T3 Level and T3 to Reverse T3 Ratio in Dried Blood Spot Samples at Birth May Facilitate Early Diagnosis of MCT8 Deficiency. Journal of the Endocrine Society, 2021, 5, A977-A978.	0.2	1
130	Usefulness of Q-probe PCR in Children with <i>Mycoplasma pneumniae</i> infection. Japanese Journal of Infectious Diseases, 2021, , .	1.2	1
131	Tipepidine intoxication due to insufficient suspending of syrup formulation. Pediatrics International, 2021, 63, 984-986.	0.5	1
132	Death review of children receiving medical care at home. Pediatric Research, 2021, , .	2.3	1
133	Acetaminophen elevates unbound bilirubin levels by the glucose oxidaseâ€peroxidase method. Pediatrics International, 2021, 63, 1069-1074.	0.5	1
134	Magnetic Resonance Imaging Findings in Preterm Infants With Bilirubin Encephalopathy Beyond Three Years Corrected Age. Pediatric Neurology, 2021, 121, 56-58.	2.1	1
135	Repetitive sleep starts: An important differential diagnosis of infantile spasms. Epilepsy and Behavior, 2021, 121, 108075.	1.7	1
136	Effects of antiepileptic drugs on microglial properties. Epilepsy and Seizure, 2018, 10, 22-32.	0.2	1
137	Effectiveness of lacosamide in children and young adults previously treated with other sodium channel blockers. Epilepsy and Behavior, 2021, 125, 108397.	1.7	1
138	Subcortical infarction in a young adult with Hunter syndrome. Brain and Development, 2022, 44, 343-346.	1.1	1
139	Burden of seizures and comorbidities in patients with epilepsy: a survey based on the tertiary hospitalâ€based Epilepsy Syndrome Registry in Japan. Epileptic Disorders, 2022, 24, 82-94.	1.3	1
140	Medulloblastoma with epithelioid features in the cerebellar vermis. Pediatrics International, 2016, 58, 908-912.	0.5	0
141	A One-Month-Old Boy With a Seizure During a Febrile Illness. Clinical Pediatrics, 2018, 57, 355-357.	0.8	О
142	Cytokineâ€induced differentiation of hematopoietic cells into microgliaâ€like cells <i>inÂvitro</i> . Clinical and Experimental Neuroimmunology, 2018, 9, 139-149.	1.0	0
143	Attitudes of pediatricians toward Children's consumption of ionic beverages. BMC Pediatrics, 2018, 18, 176.	1.7	0
144	Reply to "Poor clinico-radiological correlation: A hallmark of acute flaccid myelitis― Brain and Development, 2019, 41, 482.	1.1	0

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145	Neuroprotection by cooling with immunomodulation: One Step further. Pediatrics International, 2020, 62, 769-769.	0.5	O
146	Response to a letter to the editor by Dong et al Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1968-1968.	1.5	0
147	Trajectory of the incidence of brushes on preterm electroencephalogram and its association with neurodevelopment in extremely low birth weight infants. Brain and Development, 2021, 43, 979-987.	1.1	O
148	Current medicoâ€psychoâ€social conditions of patients with West syndrome in Japan. Epileptic Disorders, 2021, 23, 579-589.	1.3	0
149	Clinical and electrophysiological features of acute flaccid myelitis: A national cohort study. Clinical Neurophysiology, 2021, 132, 2456-2463.	1.5	0