Eishi Asano

List of Publications by Year
in descending order

165	6,197	66234	91712
papers	citations	42 h-index	69 g-index

176	176	176	4720
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-frequency oscillations (HFOs) in clinical epilepsy. Progress in Neurobiology, 2012, 98, 302-315.	2.8	363
2	Highâ€frequency oscillations: The state of clinical research. Epilepsia, 2017, 58, 1316-1329.	2.6	260
3	Alpha-methyl- <scp>l</scp> -tryptophan PET detects epileptogenic cortex in children with intractable epilepsy. Neurology, 2003, 60, 960-968.	1.5	172
4	Epilepsy Surgery Outcome in Children With Tuberous Sclerosis Complex Evaluated With Î±-[11C]Methyl-L-Tryptophan Positron Emission Tomography (PET). Journal of Child Neurology, 2005, 20, 429-438.	0.7	169
5	Role of subdural electrocorticography in prediction of long-term seizure outcome in epilepsy surgery. Brain, 2009, 132, 1038-1047.	3.7	157
6	Origin and Propagation of Epileptic Spasms Delineated on Electrocorticography. Epilepsia, 2005, 46, 1086-1097.	2.6	155
7	Autism in tuberous sclerosis complex is related to both cortical and subcortical dysfunction. Neurology, 2001, 57, 1269-1277.	1.5	154
8	Multimodality imaging for improved detection of epileptogenic foci in tuberous sclerosis complex. Neurology, 2000, 54, 1976-1984.	1.5	137
9	Spontaneous and visually driven highâ€frequency oscillations in the occipital cortex: Intracranial recording in epileptic patients. Human Brain Mapping, 2012, 33, 569-583.	1.9	121
10	Statistical mapping of ictal high-frequency oscillations in epileptic spasms. Epilepsia, 2011, 52, 63-74.	2.6	115
11	Three- and four-dimensional mapping of speech and language in patients with epilepsy. Brain, 2017, 140, 1351-1370.	3.7	109
12	Sturgeâ€“Weber syndrome. Neurology, 2001, 57, 189-195.	1.5	107
13	Quantitative Interictal Subdural EEG Analyses in Children with Neocorticalâ€ƒEpilepsy. Epilepsia, 2003, 44, 425-434.	2.6	106
14	Hippocampal and Thalamic Diffusion Abnormalities in Children with Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 167-175.	2.6	95
15	Interictal high-frequency oscillations generated by seizure onset and eloquent areas may be differentially coupled with different slow waves. Clinical Neurophysiology, 2016, 127, 2489-2499.	0.7	89
16	Objective Detection of Epileptic Foci by¹⁸F-FDG PET in Children Undergoing Epilepsy Surgery. Journal of Nuclear Medicine, 2010, 51, 1901-1907.	2.8	87
17	A common pattern of persistent gene activation in human neocortical epileptic foci. Annals of Neurology, 2005, 58, 736-747.	2.8	83
18	Standardized computer-based organized reporting of EEG: SCORE â€“ Second version. Clinical Neurophysiology, 2017, 128, 2334-2346.	0.7	82

#	Article	IF	Citations
19	In vivo animation of auditory-language-induced gamma-oscillations in children with intractable focal epilepsy. NeuroImage, 2008, 41, 1120-1131.	2.1	80
20	The diagnostic value of initial video-EEG monitoring in childrenâ€"Review of 1000 cases. Epilepsy Research, 2005, 66, 129-135.	0.8	74
21	Short-latency median-nerve somatosensory-evoked potentials and induced gamma-oscillations in humans. Brain, 2008, 131, 1793-1805.	3.7	72
22	Ictal high-frequency oscillations at 80-200â€ƒHz coupled with delta phase in epileptic spasms. Epilepsia, 2011, 52, e130-e134.	2.6	72
23	Surgical treatment for refractory epileptic spasms: The Detroit series. Epilepsia, 2015, 56, 1941-1949.	2.6	72
24	Surgical treatment of West syndrome. Brain and Development, 2001, 23, 668-676.	0.6	70
25	Phaseâ€amplitude coupling between interictal highâ€frequency activity and slow waves in epilepsy surgery. Epilepsia, 2018, 59, 1954-1965.	2.6	68
26	Î±-[¹¹ C]-Methyl- <scp>l</scp> -tryptophanâ€"PET in 191 patients with tuberous sclerosis complex. Neurology, 2013, 81, 674-680.	1.5	67
27	Î±-[¹¹C]-methyl-<scp>L</scp>-tryptophan PET for tracer localization of epileptogenic brain regions: clinical studies. Biomarkers in Medicine, 2011, 5, 577-584.	0.6	66
28	Activityâ€dependent Gene Expression Correlates with Interictal Spiking in Human Neocortical Epilepsy. Epilepsia, 2007, 48, 86-95.	2.6	65
29	Clinical significance and developmental changes of auditory-language-related gamma activity. Clinical Neurophysiology, 2013, 124, 857-869.	0.7	61
30	Endoscopic corpus callosotomy and hemispherotomy. Journal of Neurosurgery: Pediatrics, 2015, 16, 681-686.	0.8	60
31	Rasmussen encephalitis associated with Parryâ€"Romberg syndrome. Neurology, 2003, 61, 395-397.	1.5	59
32	Cortical glucose metabolism positively correlates with gamma-oscillations in nonlesional focal epilepsy. NeuroImage, 2008, 42, 1275-1284.	2.1	58
33	Gamma-oscillations modulated by picture naming and word reading: Intracranial recording in epileptic patients. Clinical Neurophysiology, 2011, 122, 1929-1942.	0.7	58
34	Young patients with focal seizures may have the primary motor area for the hand in the postcentral gyrus. Epilepsy Research, 2007, 76, 131-139.	0.8	57
35	Quantitative brain surface mapping of an electrophysiologic/metabolic mismatch in human neocortical epilepsy. Epilepsy Research, 2009, 87, 77-87.	0.8	57
36	Strong coupling between slow oscillations and wide fast ripples in children with epileptic spasms: Investigation of modulation index and occurrence rate. Epilepsia, 2018, 59, 544-554.	2.6	57

#	Article	IF	Citations
37	Is Intraoperative Electrocorticography Reliable in Children with Intractable Neocortical Epilepsy?. Epilepsia, 2004, 45, 1091-1099.	2.6	55
38	Multimodality language mapping in patients with left-hemispheric language dominance on Wada test. Clinical Neurophysiology, 2012, 123, 1917-1924.	0.7	51
39	Diffusion Tensor Imaging Study of the Cortical Origin and Course of the Corticospinal Tract in Healthy Children. American Journal of Neuroradiology, 2009, 30, 1963-1970.	1.2	50
40	Evaluation with alpha-[11C]Methyl-l-tryptophan Positron Emission Tomography for Reoperation after Failed Epilepsy Surgery. Epilepsia, 2004, 45, 124-130.	2.6	49
41	Olfactory hallucinations elicited by electrical stimulation via subdural electrodes: Effects of direct stimulation of olfactory bulb and tract. Epilepsy and Behavior, 2012, 24, 264-268.	0.9	46
42	Deep learning protocol for improved photoacoustic brain imaging. Journal of Biophotonics, 2020, 13, e202000212.	1.1	45
43	Objective interictal electrophysiology biomarkers optimize prediction of epilepsy surgery outcome. Brain Communications, 2021, 3, fcab042.	1.5	45
44	Occipital gamma-oscillations modulated during eye movement tasks: Simultaneous eye tracking and electrocorticography recording in epileptic patients. NeuroImage, 2011, 58, 1101-1109.	2.1	42
45	Clinical and histopathologic correlates of 11C-alpha-methyl-l-tryptophan (AMT) PET abnormalities in children with intractable epilepsy. Epilepsia, 2011, 52, 1692-1698.	2.6	42
46	Cortico-cortical evoked potentials and stimulation-elicited gamma activity preferentially propagate from lower- to higher-order visual areas. Clinical Neurophysiology, 2013, 124, 1290-1296.	0.7	42
47	Multimodality Data Integration in Epilepsy. International Journal of Biomedical Imaging, 2007, 2007, 1-12.	3.0	41
48	Epilepsy Surgery in a Case of Encephalitis: Use of 11C-PK11195 Positron Emission Tomography. Pediatric Neurology, 2008, 38, 439-442.	1.0	41
49	Differential visually-induced gamma-oscillations in human cerebral cortex. NeuroImage, 2009, 45, 477-489.	2.1	41
50	Cortical gamma-oscillations modulated by listening and overt repetition of phonemes. NeuroImage, 2010, 49, 2735-2745.	2.1	41
51	How to establish causality in epilepsy surgery. Brain and Development, 2013, 35, 706-720.	0.6	41
52	Somatosensory-related gamma-, beta- and alpha-augmentation precedes alpha- and beta-attenuation in humans. Clinical Neurophysiology, 2010, 121, 366-375.	0.7	40
53	Presurgical language mapping using event-related high-gamma activity: The Detroit procedure. Clinical Neurophysiology, 2018, 129, 145-154.	0.7	40
54	Dynamic tractography: Integrating cortico-cortical evoked potentials and diffusion imaging. NeuroImage, 2020, 215, 116763.	2.1	40

#	Article	IF	Citations
55	Fourâ€dimensional functional cortical maps of visual and auditory language: Intracranial recording. Epilepsia, 2019, 60, 255-267.	2.6	39
56	Gamma activity modulated by picture and auditory naming tasks: Intracranial recording in patients with focal epilepsy. Clinical Neurophysiology, 2013, 124, 1737-1744.	0.7	38
57	Focal decreases of cortical GABA_A receptor binding remote from the primary seizure focus: What do they indicate?. Epilepsia, 2009, 50, 240-250.	2.6	36
58	Corpus Callosotomy for Intractable Epilepsy Revisited: The Childrenâ€™s Hospital of Michigan Series. Journal of Child Neurology, 2017, 32, 624-629.	0.7	36
59	Depression and mental health helpâ€seeking behaviors in a predominantly African American population of children and adolescents with epilepsy. Epilepsia, 2009, 50, 1943-1952.	2.6	35
60	Human occipital cortices differentially exert saccadic suppression: Intracranial recording in children. NeuroImage, 2013, 83, 224-236.	2.1	35
61	Predictors of Cognitive Functions in Children With Sturgeâ€“Weber Syndrome: A Longitudinal Study. Pediatric Neurology, 2016, 61, 38-45.	1.0	35
62	Corpus callosotomyâ€”Open and endoscopic surgical techniques. Epilepsia, 2017, 58, 73-79.	2.6	34
63	Infantile spasms: Who are the ideal surgical candidates?. Epilepsia, 2010, 51, 94-96.	2.6	32
64	â€œSubtotalâ€•hemispherectomy in children with intractable focal epilepsy. Epilepsia, 2014, 55, 1926-1933.	2.6	31
65	Scalp EEG interictal high frequency oscillations as an objective biomarker of infantile spasms. Clinical Neurophysiology, 2020, 131, 2527-2536.	0.7	31
66	Quantitative analysis of intracranial electrocorticography signals using the concept of statistical parametric mapping. Scientific Reports, 2019, 9, 17385.	1.6	30
67	Localization of specific language pathways using diffusionâ€weighted imaging tractography for presurgical planning of children with intractable epilepsy. Epilepsia, 2015, 56, 49-57.	2.6	29
68	Brain network dynamics in the human articulatory loop. Clinical Neurophysiology, 2017, 128, 1473-1487.	0.7	29
69	Epileptogenic high-frequency oscillations skip the motor area in children with multilobar drug-resistant epilepsy. Clinical Neurophysiology, 2017, 128, 1197-1205.	0.7	29
70	Effect of sleep on interictal spikes and distribution of sleep spindles on electrocorticography in children with focal epilepsy. Clinical Neurophysiology, 2007, 118, 1360-1368.	0.7	28
71	Cortical gammaâ€oscillations modulated by auditoryâ€“motor tasksâ€intracranial recording in patients with epilepsy. Human Brain Mapping, 2010, 31, 1627-1642.	1.9	28
72	Evaluating reverse speech as a control task with language-related gamma activity on electrocorticography. NeuroImage, 2012, 60, 2335-2345.	2.1	28

#	Article	IF	Citations
73	Objective Detection of Eloquent Axonal Pathways to Minimize Postoperative Deficits in Pediatric Epilepsy Surgery Using Diffusion Tractography and Convolutional Neural Networks. IEEE Transactions on Medical Imaging, 2019, 38, 1910-1922.	5.4	28
74	Evaluating the arcuate fasciculus with combined diffusionâ€weighted MRI tractography and electrocorticography. Human Brain Mapping, 2014, 35, 2333-2347.	1.9	27
75	Spatio-temporal dynamics of working memory maintenance and scanning of verbal information. Clinical Neurophysiology, 2017, 128, 882-891.	0.7	26
76	Relationship Between Brain Glucose Metabolism Positron Emission Tomography (PET) and Electroencephalography (EEG) in Children With Continuous Spike-and-Wave Activity During Slow-Wave Sleep. Journal of Child Neurology, 2005, 20, 682-690.	0.7	25
77	Automated detection of cross-frequency coupling in the electrocorticogram for clinical inspection. , 2013, 2013, 3282-5.		25
78	Neural dynamics of verbal working memory in auditory description naming. Scientific Reports, 2018, 8, 15868.	1.6	25
79	Seizures Lead to Elevation of Intracranial Pressure in Children Undergoing Invasive EEG Monitoring. Epilepsia, 2007, 48, 1097-1103.	2.6	24
80	Electrocorticographic correlates of cognitive control in a stroop taskâ€"intracranial recording in epileptic patients. Human Brain Mapping, 2011, 32, 1580-1591.	1.9	23
81	Quantification of primary motor pathways using diffusion MRI tractography and its application to predict postoperative motor deficits in children with focal epilepsy. Human Brain Mapping, 2014, 35, 3216-3226.	1.9	23
82	Quantitative visualization of ictal subdural EEG changes in children with neocortical focal seizures. Clinical Neurophysiology, 2004, 115, 2718-2727.	0.7	22
83	Independent predictors of neuronal adaptation in human primary visual cortex measured with high-gamma activity. NeuroImage, 2012, 59, 1639-1646.	2.1	22
84	Multimodal localization and surgery for epileptic spasms of focal origin: a review. Neurosurgical Focus, 2018, 45, E4.	1.0	22
85	Independent component analysis tractography combined with a ballâ€"stick model to isolate intravoxel crossing fibers of the corticospinal tracts in clinical diffusion MRI. Magnetic Resonance in Medicine, 2013, 70, 441-453.	1.9	21
86	Interictal spike connectivity in human epileptic neocortex. Clinical Neurophysiology, 2019, 130, 270-279.	0.7	21
87	Six-dimensional dynamic tractography atlas of language connectivity in the developing brain. Brain, 2021, 144, 3340-3354.	3.7	21
88	Wavelength and pulse energy optimization for detecting hypoxia in photoacoustic imaging of the neonatal brain: a simulation study. Biomedical Optics Express, 2021, 12, 7458.	1.5	21
89	Cooing- and babbling-related gamma-oscillations during infancy: Intracranial recording. Epilepsy and Behavior, 2012, 23, 494-496.	0.9	20
90	Electrocorticographic correlates of overt articulation of 44 English phonemes: Intracranial recording in children with focal epilepsy. Clinical Neurophysiology, 2014, 125, 1129-1137.	0.7	19

#	Article	IF	Citations
91	A distinct microRNA expression profile is associated with Î±[11C]-methyl-L-tryptophan (AMT) PET uptake in epileptogenic cortical tubers resected from patients with tuberous sclerosis complex. Neurobiology of Disease, 2018, 109, 76-87.	2.1	19
92	Novel Deep Learning Network Analysis of Electrical Stimulation Mapping-Driven Diffusion MRI Tractography to Improve Preoperative Evaluation of Pediatric Epilepsy. IEEE Transactions on Biomedical Engineering, 2020, 67, 3151-3162.	2.5	19
93	Automatic detection of primary motor areas using diffusion <scp>MRI</scp> tractography: Comparison with functional <scp>MRI</scp> and electrical stimulation mapping. Epilepsia, 2013, 54, 1381-1390.	2.6	18
94	Seizure Control Following Palliative Resective Surgery for Intractable Epilepsyâ€"A Pilot Study. Pediatric Neurology, 2014, 51, 330-335.	1.0	18
95	Upright face-preferential high-gamma responses in lower-order visual areas: Evidence from intracranial recordings in children. NeuroImage, 2015, 109, 249-259.	2.1	18
96	Direct brain recordings reveal prefrontal cortex dynamics of memory development. Science Advances, 2018, 4, eaat3702.	4.7	18
97	Four-dimensional map of direct effective connectivity from posterior visual areas. NeuroImage, 2020, 210, 116548.	2.1	18
98	Episodic receptive aphasia in a child with Landauâ€"Kleffner Syndrome: PET correlates. Brain and Development, 2006, 28, 592-596.	0.6	17
99	Surfaceâ€based laminar analysis of diffusion abnormalities in cortical and white matter layers in neocortical epilepsy. Epilepsia, 2013, 54, 667-677.	2.6	17
100	Objective 3<scp>D</scp> surface evaluation of intracranial electrophysiologic correlates of cerebral glucose metabolic abnormalities in children with focal epilepsy. Human Brain Mapping, 2017, 38, 3098-3112.	1.9	17
101	Predictors of cognitive function in patients with hypothalamic hamartoma following stereotactic radiofrequency thermocoagulation surgery. Epilepsia, 2017, 58, 1556-1565.	2.6	16
102	Dynamic tractographyâ€based localization of spike sources and animation of spike propagations. Epilepsia, 2021, 62, 2372-2384.	2.6	16
103	Cortical thickness asymmetries and surgical outcome in neocortical epilepsy. Journal of the Neurological Sciences, 2016, 368, 97-103.	0.3	15
104	Endoscopic posterior interhemispheric complete corpus callosotomy. Journal of Neurosurgery: Pediatrics, 2016, 18, 689-692.	0.8	15
105	Spatiotemporal dynamics of auditory and picture naming-related high-gamma modulations: A study of Japanese-speaking patients. Clinical Neurophysiology, 2019, 130, 1446-1454.	0.7	15
106	Cortical glucose metabolism correlates negatively with deltaâ€slowing and spikeâ€frequency in epilepsy associated with tuberous sclerosis. Human Brain Mapping, 2008, 29, 1255-1264.	1.9	14
107	Cortical gamma-oscillations modulated by visuomotor tasks:. Epilepsy and Behavior, 2010, 18, 254-261.	0.9	14
108	Postoperative axonal changes in the contralateral hemisphere in children with medically refractory epilepsy: A longitudinal diffusion tensor imaging connectome analysis. Human Brain Mapping, 2016, 37, 3946-3956.	1.9	14

#	Article	IF	Citations
109	Effects of depth electrode montage and single-pulse electrical stimulation sites on neuronal responses and effective connectivity. Clinical Neurophysiology, 2020, 131, 2781-2792.	0.7	14
110	Naming-related spectral responses predict neuropsychological outcome after epilepsy surgery. Brain, 2022, 145, 517-530.	3.7	14
111	Paroxysmal tonic upgaze of childhood with coâ€existent absence epilepsy. Epileptic Disorders, 2007, 9, 332-336.	0.7	14
112	Refining epileptogenic high-frequency oscillations using deep learning: a reverse engineering approach. Brain Communications, 2022, 4, fcab267.	1.5	14
113	Psychosis as a manifestation of frontal lobe epilepsy. Epilepsy and Behavior, 2008, 12, 200-204.	0.9	13
114	Gamma activity modulated by naming of ambiguous and unambiguous images: Intracranial recording. Clinical Neurophysiology, 2015, 126, 17-26.	0.7	13
115	Spatialâ€“temporal patterns of electrocorticographic spectral changes during midazolam sedation. Clinical Neurophysiology, 2016, 127, 1223-1232.	0.7	13
116	Anatomical hemispherectomy revisitedâ€”outcome, blood loss, hydrocephalus, and absence of chronic hemosiderosis. Child's Nervous System, 2019, 35, 1341-1349.	0.6	13
117	A Sensitive Diffusion Tensor Imaging Quantification Method to Detect Language Laterality in Children. Journal of Child Neurology, 2011, 26, 1516-1521.	0.7	12
118	Mapping mental calculation systems with electrocorticography. Clinical Neurophysiology, 2015, 126, 39-46.	0.7	12
119	Direct brain recordings reveal occipital cortex involvement in memory development. Neuropsychologia, 2020, 148, 107625.	0.7	12
120	Exosomes in Epilepsy of Tuberous Sclerosis Complex: Carriers of Pro-Inflammatory MicroRNAs. Non-coding RNA, 2021, 7, 40.	1.3	12
121	Role of external ventriculostomy in the management of fever after hemispherectomy. Journal of Neurosurgery: Pediatrics, 2008, 2, 427-429.	0.8	11
122	Cortical gamma oscillations modulated by word association tasks: Intracranial recording. Epilepsy and Behavior, 2010, 18, 116-118.	0.9	11
123	Evaluating signal-correlated noise as a control task with language-related gamma activity on electrocorticography. Clinical Neurophysiology, 2014, 125, 1312-1323.	0.7	11
124	Four-dimensional map of the human early visual system. Clinical Neurophysiology, 2018, 129, 188-197.	0.7	11
125	Four-dimensional tractography animates propagations of neural activation via distinct interhemispheric pathways. Clinical Neurophysiology, 2021, 132, 520-529.	0.7	11
126	How do we fashion better trials for neurostimulator studies in migraine?. Neurology, 2013, 80, 694-694.	1.5	10

#	Article	IF	Citations
127	Deep Relational Reasoning for the Prediction of Language Impairment and Postoperative Seizure Outcome Using Preoperative DWI Connectome Data of Children With Focal Epilepsy. IEEE Transactions on Medical Imaging, 2021, 40, 793-804.	5.4	10
128	Temporally and functionally distinct large-scale brain network dynamics supporting task switching. NeuroImage, 2022, 254, 119126.	2.1	10
129	The transient effect of interictal spikes from a frontal focus on language-related gamma activity. Epilepsy and Behavior, 2012, 24, 497-502.	0.9	9
130	Animal category-preferential gamma-band responses in the lower- and higher-order visual areas: Intracranial recording in children. Clinical Neurophysiology, 2013, 124, 2368-2377.	0.7	9
131	A public outreach in epilepsy surgery using a serial novel on BLOG: A preliminary report. Brain and Development, 2007, 29, 102-104.	0.6	7
132	In-vivo animation of midazolam-induced electrocorticographic changes in humans. Journal of the Neurological Sciences, 2009, 287, 151-158.	0.3	7
133	Dissociable oscillatory theta signatures of memory formation in the developing brain. Current Biology, 2022, 32, 1457-1469.e4.	1.8	7
134	Developmental organization of neural dynamics supporting auditory perception. NeuroImage, 2022, 258, 119342.	2.1	7
135	Intracranial Recording and Source Localization of Auditory Brain Responses Elicited at the 50Âms Latency in Three Children Aged from 3 to 16ÂYears. Brain Topography, 2009, 22, 166-175.	0.8	6
136	Transient shivering during Wada test provides insight into human thermoregulation. Epilepsia, 2010, 51, 745-751.	2.6	6
137	Oscillatory modulations in human fusiform cortex during motion-induced blindness: Intracranial recording. Clinical Neurophysiology, 2012, 123, 1925-1930.	0.7	6
138	Successful Surgical Treatment of Refractory Status Epilepticus in a 12-Day-Old Infant. Pediatric Neurology, 2019, 92, 73-75.	1.0	6
139	Comprehensive Analysis of EEG Datasets for Epileptic Seizure Prediction. , 2021, , .		6
140	A Two-Layer LSTM Deep Learning Model for Epileptic Seizure Prediction. , 2021, , .		6
141	Is electrocorticography-based language mapping ready to replace stimulation?. Neurology, 2016, 86, 1174-1176.	1.5	5
142	Elimination of medically intractable epileptic drop attacks following endoscopic total corpus callosotomy in Rett syndrome. Child's Nervous System, 2017, 33, 1883-1887.	0.6	4
143	Neural dynamics during the vocalization of â€˜uhâ€™ or â€˜umâ€™. Scientific Reports, 2020, 10, 11987.	1.6	4
144	Sevoflurane-based enhancement of phase-amplitude coupling and localization of the epileptogenic zone. Clinical Neurophysiology, 2022, 134, 1-8.	0.7	4

#	Article	IF	Citations
145	What is the point of specifying Panayiotopoulos syndrome from a practical point of view?. Brain and Development, 2010, 32, 2-3.	0.6	3
146	Your verbal questions beginning with 'what' will rapidly deactivate the left prefrontal cortex of listeners. Scientific Reports, 2021, 11, 5257.	1.6	3
147	Novel diffusion tractography methodology using Kalman filter prediction to improve preoperative benefit-risk analysis in pediatric epilepsy surgery. Journal of Neurosurgery: Pediatrics, 2019, 24, 293-305.	0.8	3
148	Prediction of postoperative deficits using an improved diffusion-weighted imaging maximum a posteriori probability analysis in pediatric epilepsy surgery. Journal of Neurosurgery: Pediatrics, 2019, 23, 648-659.	0.8	3
149	Significance of event related causality (ERC) in eloquent neural networks. Neural Networks, 2022, 149, 204-216.	3.3	3
150	High-frequency oscillations are under your control. Donâ€™t chase all of them. Clinical Neurophysiology, 2017, 128, 841-842.	0.7	2
151	Automatic detection of eloquent axonal pathways in diffusion tractography using intracanial electrical stimulation mapping and convolutional neural networks. , 2018, , .		2
152	Prediction of Language Impairments in Children Using Deep Relational Reasoning with DWI Data. , 2020, , .		2
153	Minimizing blood loss in hemispherectomy for hemimegalencephaly in low-weight infants: technical note. Child's Nervous System, 2020, 36, 841-845.	0.6	2
154	Detection of absence seizures using a glasses-type eye tracker. Clinical Neurophysiology, 2021, 132, 720-722.	0.7	2
155	Prediction of baseline expressive and receptive language function in children with focal epilepsy using diffusion tractography-based deep learning network. Epilepsy and Behavior, 2021, 117, 107909.	0.9	2
156	Spontaneous modulations of high-frequency cortical activity. Clinical Neurophysiology, 2021, 132, 2391-2403.	0.7	2
157	Diffusion tractography predicts propagated highâ€frequency activity during epileptic spasms. Epilepsia, 2022, 63, 1787-1798.	2.6	2
158	Long-term satisfaction after extraoperative invasive EEG recording. Epilepsy and Behavior, 2021, 124, 108363.	0.9	1
159	Chapter 53 Positron emission tomography: localization for epilepsy surgery. Supplements To Clinical Neurophysiology, 2002, , 351-358.	2.1	0
160	To the Editors:. Epilepsia, 2007, 48, 1418-1418.	2.6	0
161	Encouragement to contribute to peer-review process in clinical neurology journals. Brain and Development, 2007, 29, 98-101.	0.6	0
162	Contribution of research on â€˜Epilepsy & Behaviorâ€™ to the refinement of functional brain atlas in four dimensions. Epilepsy and Behavior, 2014, 40, 86-88.	0.9	0

#	Article	IF	Citations
163	Improved photoacoustic brain imaging using a deep learning protocol. , 2021, , .		0
164	Analysis of Artifacts Removal Techniques in EEG Signals for Energy-Constrained Devices. , 2021, , .		0
165	Social media for clinical neurophysiology. Clinical Neurophysiology, 2021, 132, 1777-1781.	0.7	0