Akio Ikeda

List of Publications by Year
in descending order

166 papers	6,011 citations	61984 43 h-index	95266 68 g-index
174 all docs	174 docs citations	174 times ranked	5119 citing authors

#	Article	IF	Citations
1	Subthreshold low-frequency repetitive transcranial magnetic stimulation over the premotor cortex modulates writer's cramp. Brain, 2004, 128, 104-115.	7.6	218
2	Altered plasticity of the human motor cortex in Parkinson's disease. Annals of Neurology, 2006, 59, 60-71.	5.3	187
3	Primary somatosensory cortex is actively involved in pain processing in human. Brain Research, 2000, 853, 282-289.	2.2	180
4	Simultaneous Recording of Epileptiform Discharges by MEG and Subdural Electrodes in Temporal Lobe Epilepsy. NeuroImage, 1997, 5, 298-306.	4.2	153
5	Pain-related somatosensory evoked potentials following CO2 laser stimulation in man. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1989, 74, 139-146.	2.0	143
6	The cortical generators of the contingent negative variation in humans: a study with subdural electrodes. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1997, 104, 257-268.	2.0	138
7	Dissociation between contingent negative variation (CNV) and Bereitschaftspotential (BP) in patients with parkinsonism. Electroencephalography and Clinical Neurophysiology, 1997, 102, 142-151.	0.3	130
8	Subdural Recording of Ictal DC Shifts in Neocortical Seizures in Humans. Epilepsia, 1996, 37, 662-674.	5.1	125
9	Low-frequency Electric Cortical Stimulation Has an Inhibitory Effect on Epileptic Focus in Mesial Temporal Lobeâ€ƒEpilepsy. Epilepsia, 2002, 43, 491-495.	5.1	123
10	Intraoperative dorsal language network mapping by using singleâ€pulse electrical stimulation. Human Brain Mapping, 2014, 35, 4345-4361.	3.6	120
11	Parietoâ€frontal network in humans studied by corticoâ€cortical evoked potential. Human Brain Mapping, 2012, 33, 2856-2872.	3.6	110
12	Movement-related potentials associated with bilateral simultaneous and unilateral movements recorded from human supplementary motor area. Electroencephalography and Clinical Neurophysiology, 1995, 95, 323-334.	0.3	102
13	Subdural potentials at orbitofrontal and mesial prefrontal areas accompanying anticipation and decision making in humans: a comparison with Bereitschaftspotential. Electroencephalography and Clinical Neurophysiology, 1996, 98, 206-212.	0.3	101
14	Familial cortical myoclonic tremor as a unique form of cortical reflex myoclonus. Movement Disorders, 1997, 12, 370-377.	3.9	97
15	Electric cortical stimulation suppresses epileptic and background activities in neocortical epilepsy and mesial temporal lobe epilepsy. Clinical Neurophysiology, 2005, 116, 1291-1299.	1.5	87
16	Pain-related and cognitive components of somatosensory evoked potentials following CO2 laser stimulation in man. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1996, 100, 105-114.	2.0	83
17	Dissociation between contingent negative variation and Bereitschaftspotential in a patient with cerebellar efferent lesion. Electroencephalography and Clinical Neurophysiology, 1994, 90, 359-364.	0.3	81
18	Clinical trial of piracetam in patients with myoclonus: Nationwide multiinstitution study in Japan. Movement Disorders, 1996, 11, 691-700.	3.9	80

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19	Pathogenesis of cortical myoclonus studied by magnetoencephalography. Annals of Neurology, 1998, 43, 598-607.	5.3	76
20	Electrocorticogramâ€“electromyogram coherence during isometric contraction of hand muscle in human. Clinical Neurophysiology, 2000, 111, 2014-2024.	1.5	76
21	Low-frequency electric cortical stimulation decreases interictal and ictal activity in human epilepsy. Seizure: the Journal of the British Epilepsy Association, 2006, 15, 520-527.	2.0	75
22	Movement-related potentials associated with single and repetitive movements recorded from human supplementary motor area. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1993, 89, 269-277.	2.0	71
23	Abnormal cortical processing of voluntary muscle relaxation in patients with focal hand dystonia studied by movement-related potentials. Brain, 1999, 122, 1357-1366.	7.6	71
24	Role of primary sensorimotor cortex and supplementary motor area in volitional swallowing: a movement-related cortical potential study. American Journal of Physiology - Renal Physiology, 2004, 287, G459-G470.	3.4	70
25	Electric Stimulation on Human Cortex Suppresses Fast Cortical Activity and Epileptic Spikes. Epilepsia, 2004, 45, 787-791.	5.1	70
26	Intracranially recorded ictal direct current shifts may precede high frequency oscillations in human epilepsy. Clinical Neurophysiology, 2015, 126, 47-59.	1.5	70
27	Low-frequency repetitive transcranial magnetic stimulation for seizure suppression in patients with extratemporal lobe epilepsyâ€”A pilot study. Seizure: the Journal of the British Epilepsy Association, 2005, 14, 387-392.	2.0	69
28	Comparison between motor evoked potential recording and fiber tracking for estimating pyramidal tracts near brain tumors. Journal of Neurosurgery, 2007, 106, 128-133.	1.6	69
29	Improved cerebral function in mesial temporal lobe epilepsy after subtemporal amygdalohippocampectomy. Brain, 2009, 132, 185-194.	7.6	69
30	Evidence for a wide distribution of negative motor areas in the perirolandic cortex. Clinical Neurophysiology, 2006, 117, 33-40.	1.5	67
31	Multisensory convergence at human temporo-parietal junction â€“ epicortical recording of evoked responses. Clinical Neurophysiology, 2004, 115, 1145-1160.	1.5	66
32	Abnormal contingent negative variation in writer's cramp. Clinical Neurophysiology, 1999, 110, 508-515.	1.5	65
33	Cortical mechanism underlying externally cued gait initiation studied by contingent negative variation. Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control, 1997, 105, 390-399.	1.4	63
34	In Vivo Epileptogenicity of Focal Cortical Dysplasia: A Direct Cortical Paired Stimulation Study. Epilepsia, 2005, 46, 1744-1749.	5.1	59
35	Amygdalar enlargement in patients with temporal lobe epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 652-657.	1.9	56
36	Abnormal sensorimotor integration in writer's cramp: Study of contingent negative variation. Movement Disorders, 1996, 11, 683-690.	3.9	54

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37	Human supplementary motor area is active in preparation for both voluntary muscle relaxation and contraction: subdural recording of Bereitschaftspotential. Neuroscience Letters, 1998, 244, 145-148.	2.1	51
38	Peri-rolandic and fronto-parietal components of scalp-recorded giant SEPs in cortical myoclonus. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 300-309.	2.0	49
39	Cortical Motor Mapping in Epilepsy Patients: Information from Subdural Electrodes in Presurgicalâ€ƒ Evaluation. Epilepsia, 2002, 43, 56-60.	5.1	48
40	Epilepsy care during the COVIDâ€•19 pandemic. Epilepsia, 2021, 62, 2322-2332.	5.1	48
41	Conversion of semantic information into phonological representation: a function in left posterior basal temporal area. Brain, 2003, 126, 632-641.	7.6	47
42	Use of magnetoencephalography in the presurgical evaluation of epilepsy patients. Clinical Neurophysiology, 2007, 118, 1438-1448.	1.5	47
43	Modern technology calls for a modern approach to classification of epileptic seizures and the epilepsies. Epilepsia, 2012, 53, 405-411.	5.1	47
44	Functional mapping of human medial frontal motor areas. Experimental Brain Research, 2001, 138, 403-409.	1.5	46
45	Human eye fields in the frontal lobe as studied by epicortical recording of movementâ€related cortical potentials. Brain, 2004, 127, 873-887.	7.6	43
46	Ictal wideband ECoG: Direct comparison between ictal slow shifts and high frequency oscillations. Clinical Neurophysiology, 2011, 122, 1500-1504.	1.5	43
47	Effect of CYP2C19 polymorphisms on the clinical outcome of low-dose clobazam therapy in Japanese patients with epilepsy. European Journal of Clinical Pharmacology, 2015, 71, 51-58.	1.9	43
48	Movement-related cortical potentials before jaw excursions in oromandibular dystonia. Movement Disorders, 2003, 18, 94-100.	3.9	42
49	Cortical mechanisms of unilateral voluntary motor inhibition in humans. Neuroscience Research, 2005, 53, 428-435.	1.9	40
50	Negative motor seizure arising from the negative motor area: Is it ictal apraxia?. Epilepsia, 2009, 50, 2072-2084.	5.1	40
51	Partial Epilepsy Manifesting Atonic Seizure: Report of Two Cases. Epilepsia, 2002, 43, 1425-1431.	5.1	39
52	Left anterior temporal cortex actively engages in speech perception: A direct cortical stimulation study. Neuropsychologia, 2011, 49, 1350-1354.	1.6	39
53	Proposal: Different types of alteration and loss of consciousness in epilepsy. Epilepsia, 2014, 55, 1140-1144.	5.1	39
54	Neural correlates of mirth and laughter: A direct electrical cortical stimulation study. Cortex, 2015, 66, 134-140.	2.4	39

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55	Generator locations of movement-related potentials with tongue protrusions and vocalizations: subdural recording in human. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 310-328.	2.0	38
56	Signal separation of background EEG and spike by using morphological filter. Medical Engineering and Physics, 1999, 21, 601-608.	1.7	38
57	Pain-related somatosensory evoked potentials following CO2 laser stimulation of foot in man. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 12-23.	2.0	37
58	Desynchronization and synchronization of central 20-Hz rhythms associated with voluntary muscle relaxation: a magnetoencephalographic study. Experimental Brain Research, 2000, 134, 417-425.	1.5	37
59	Technical quality evaluation of EEG recording based on electroencephalographersâ€™ knowledge. Medical Engineering and Physics, 2005, 27, 93-100.	1.7	37
60	An Automatic Spike Detection System Based on Elimination of False Positives Using the Large-Area Context in the Scalp EEG. IEEE Transactions on Biomedical Engineering, 2011, 58, 2478-2488.	4.2	37
61	Serial processing of the somesthetic information revealed by different effects of stimulus rate on the somatosensory-evoked potentials and magnetic fields. Brain Research, 1998, 791, 200-208.	2.2	36
62	Increased cortical hyperexcitability and exaggerated myoclonus with aging in benign adult familial myoclonus epilepsy. Movement Disorders, 2011, 26, 1509-1514.	3.9	36
63	A rat model for LGI1-related epilepsies. Human Molecular Genetics, 2012, 21, 3546-3557.	2.9	36
64	Clinical Usefulness of the Dipole Tracing Method for Localizing Interictal Spikes in Partial Epilepsy. Epilepsia, 1998, 39, 371-379.	5.1	34
65	Movement-related cortical potentials associated with voluntary relaxation of foot muscles. Clinical Neurophysiology, 1999, 110, 397-403.	1.5	34
66	Motor-related functional subdivisions of human lateral premotor cortex: epicortical recording in conditional visuomotor task. Clinical Neurophysiology, 2003, 114, 1102-1115.	1.5	34
67	Asymmetric bilateral effect of the supplementary motor area proper in the human motor system. Clinical Neurophysiology, 2012, 123, 324-334.	1.5	34
68	Scalp topography of giant SEP and pre-myoclonus spike in cortical reflex myoclonus. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1991, 81, 31-37.	2.0	33
69	Clinical application of automatic integrative interpretation of awake background. EEG: quantitative interpretation, report making, and detection of artifacts and reduced vigilance level. Electroencephalography and Clinical Neurophysiology, 1996, 98, 103-112.	0.3	33
70	Subtemporal Hippocampectomy Preserving the Basal Temporal Language Area for Intractable Mesial Temporal Lobe Epilepsy: Preliminary Results. Epilepsia, 2006, 47, 1347-1353.	5.1	33
71	A step-by-step resection guided by electrocorticography for nonmalignant brain tumors associated with long-term intractable epilepsy. Epilepsy and Behavior, 2006, 8, 560-564.	1.7	32
72	Efficacy of low-dose, add-on therapy of clobazam (CLB) is produced by its major metabolite, N-desmethyl-CLB. Journal of the Neurological Sciences, 2007, 263, 44-48.	0.6	30

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73	Anterior temporal lobe white matter abnormal signal (ATLAS) as an indicator of seizure focus laterality in temporal lobe epilepsy: comparison of double inversion recovery, FLAIR and T2W MR imaging. European Radiology, 2013, 23, 3-11.	4.5	30
74	Temporal Lobe Epilepsy with Amygdala Enlargement: A Morphologic and Functional Study. Journal of Neuroimaging, 2014, 24, 54-62.	2.0	29
75	Modality-specific organization for cutaneous and proprioceptive sense in human primary sensory cortex studied by chronic epicortical recording. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1997, 104, 103-107.	2.0	28
76	â€œSupplementary motor area (SMA) seizureâ€•rather than â€œSMA epilepsyâ€•in optimal surgical candidates: a document of subdural mapping. Journal of the Neurological Sciences, 2002, 202, 43-52.	0.6	27
77	Automatic EEG interpretation: a new computer-assisted system for the automatic integrative interpretation of awake background EEG. Electroencephalography and Clinical Neurophysiology, 1992, 82, 423-431.	0.3	26
78	"Cavernous Sinus EEG": A New Method for the Preoperative Evaluation of Temporal Lobe Epilepsy. Epilepsia, 1997, 38, 472-482.	5.1	26
79	Nausea as a complication of low-frequency repetitive transcranial magnetic stimulation of the posterior fossa. Clinical Neurophysiology, 2002, 113, 1441-1443.	1.5	26
80	Processing of Japanese morphogram and syllabogram in the left basal temporal area: electrical cortical stimulation studies. Cognitive Brain Research, 2005, 24, 274-283.	3.0	26
81	Generators and temporal succession of giant somatosensory evoked potentials in cortical reflex myoclonus: Epicortical recording from sensorimotor cortex. Clinical Neurophysiology, 2006, 117, 1481-1486.	1.5	26
82	Different activation of presupplementary motor area, supplementary motor area proper, and primary sensorimotor area, depending on the movement repetition rate in humans. Experimental Brain Research, 2000, 135, 163-172.	1.5	25
83	Mutations in LGI1 gene in Japanese families with autosomal dominant lateral temporal lobe epilepsy: The first report from Asian families. Epilepsia, 2010, 51, 690-693.	5.1	25
84	Clinical anticipation in Japanese families of benign adult familial myoclonus epilepsy. Epilepsia, 2012, 53, e33-6.	5.1	25
85	Wave form decomposition of â€˜giant SEPâ€™ and its computer model for scalp topography. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1990, 77, 286-294.	2.0	24
86	Cortical mechanisms underlying point localization of pain spot as studied by event-related potentials following CO 2 laser stimulation in man. Experimental Brain Research, 1999, 127, 131-140.	1.5	24
87	Implication of sensorimotor integration in the generation of periodic dystonic myoclonus in subacute sclerosing panencephalitis (SSPE). Movement Disorders, 2000, 15, 1173-1183.	3.9	24
88	Pre-SMA actively engages in conflict processing in human: A combined study of epicortical ERPs and direct cortical stimulation. Neuropsychologia, 2013, 51, 1011-1017.	1.6	24
89	Reappraisal of the effect of electrode property on recording slow potentials. Electroencephalography and Clinical Neurophysiology, 1998, 107, 59-63.	0.3	23
90	Presurgical identification of epileptic foci with iodine-123 iomazenil SPET: Comparison with brain perfusion SPET and FDG PET. European Journal of Nuclear Medicine and Molecular Imaging, 1997, 24, 27-34.	2.1	22

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91	Antiseizure medications for postâ€stroke epilepsy: A realâ€world prospective cohort study. Brain and Behavior, 2021, 11, e2330.	2.2	22
92	Role of lateral non-primary motor cortex in humans as revealed by epicortical recording of Bereitschaftspotentials. Experimental Brain Research, 2004, 156, 135-148.	1.5	21
93	Frontal nonconvulsive status epilepticus manifesting somatic hallucinations. Journal of the Neurological Sciences, 2005, 234, 25-29.	0.6	21
94	Scalp-Recorded, Ictal Focal DC Shift in a Patient with Tonic Seizure. Epilepsia, 1997, 38, 1350-1354.	5.1	20
95	Impairment of the cortical GABAergic inhibitory system in catatonic stupor: a case report with neuroimaging. Epileptic Disorders, 2009, 11, 126-131.	1.3	20
96	Surgical resection of an epileptogenic cortical dysplasia in the deep foot sensorimotor area. Epilepsy and Behavior, 2005, 7, 559-562.	1.7	19
97	Bereitschaftspotential augmentation by neuro-feedback training in Parkinsonâ€™s disease. Clinical Neurophysiology, 2013, 124, 1398-1405.	1.5	19
98	Preoperative mapping for patients with supplementary motor area epilepsy: multimodality brain mapping. Psychiatry and Clinical Neurosciences, 2004, 58, S16-S21.	1.8	18
99	Propagation of tonic posturing in supplementary motor area (SMA) seizures. Epilepsy Research, 2004, 62, 179-187.	1.6	17
100	Increased clinical anticipation with maternal transmission in benign adult familial myoclonus epilepsy in Japan. Epileptic Disorders, 2013, 15, 428-432.	1.3	17
101	Event-Related Potentials Associated With Judgment: Comparison of S1- and S2-Choice Conditions in a Contingent Negative Variation (CNV) Paradigm. Journal of Clinical Neurophysiology, 1997, 14, 394-405.	1.7	17
102	Limited value of interictal brain perfusion SPECT for detection of epileptic foci: High resolution SPECT studies in comparison with FDG-PET. Annals of Nuclear Medicine, 1995, 9, 59-63.	2.2	16
103	Afferent mechanism of cortical myoclonus studied by proprioception-related SEPs. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1997, 104, 51-59.	2.0	16
104	Dynamic change of proximal conduction in demyelinating neuropathies: A cervical magnetic stimulation combined with maximum voluntary contraction. Clinical Neurophysiology, 2007, 118, 741-750.	1.5	16
105	Persistent frequent subclinical seizures and memory impairment after clinical remission in smoldering limbic encephalitis. Epileptic Disorders, 2014, 16, 312-317.	1.3	16
106	Autosomal dominant temporal lobe epilepsy in a Japanese family. Journal of the Neurological Sciences, 2000, 176, 162-165.	0.6	15
107	Evaluation of focus laterality in temporal lobe epilepsy: A quantitative study comparing double inversionâ€recovery <scp>MR</scp> imaging at 3<scp>T</scp> with FDGâ€PET. Epilepsia, 2013, 54, 2174-2183.	5.1	15
108	Possible anticipation in BAFME: Three generations examined in a Japanese family. Movement Disorders, 2005, 20, 1076-1077.	3.9	14

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109	Rippling is not always electrically silent in rippling muscle disease. Muscle and Nerve, 2011, 43, 601-605.	2.2	14
110	Automatic interpretation and writing report of the adult waking electroencephalogram. Clinical Neurophysiology, 2014, 125, 1081-1094.	1.5	14
111	Alpha-band desynchronization in human parietal area during reach planning. Clinical Neurophysiology, 2015, 126, 756-762.	1.5	14
112	Visualizing prolonged hyperperfusion in post-stroke epilepsy using postictal subtraction SPECT. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 146-156.	4.3	14
113	Clinical Outcome of Patients with SREDA (Subclinical Rhythmic EEG Discharge of Adults). Internal Medicine, 2006, 45, 141-144.	0.7	13
114	Internal Structural Changes in the Hippocampus Observed on 3-Tesla MRI in Patients with Mesial Temporal Lobe Epilepsy. Internal Medicine, 2013, 52, 877-885.	0.7	13
115	Efficacy and tolerability of levetiracetam as adjunctive therapy in <scp>J</scp>apanese patients with uncontrolled partialâ€onset seizures. Psychiatry and Clinical Neurosciences, 2015, 69, 640-648.	1.8	12
116	Frontopolar Ictal Epileptiform Discharges on Scalp Electroencephalogram in Temporal Lobe Epilepsy. Journal of Clinical Neurophysiology, 1997, 14, 507-512.	1.7	12
117	Distinct cortical areas for motor preparation and execution in human identified by Bereitschaftspotential recording and ECoG-EMG coherence analysis. Clinical Neurophysiology, 2003, 114, 1259-1264.	1.5	11
118	Evaluation of seizure foci and genes in the Lgi1 mutant rat. Neuroscience Research, 2014, 80, 69-75.	1.9	11
119	Long-term follow-up of cortical hyperexcitability in Japanese Unverrichtâ€“Lundborg disease. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 746-750.	2.0	11
120	Fibers from the dorsal premotor cortex elicit motor-evoked potential in a cortical dysplasia. NeuroImage, 2007, 34, 12-18.	4.2	10
121	Temporal Dynamics of Japanese Morphogram and Syllabogram Processing in the Left Basal Temporal Area Studied by Event-Related Potentials. Journal of Clinical Neurophysiology, 2009, 26, 160-166.	1.7	10
122	Role of posterior parietal cortex in reaching movements in humans: Clinical implication for â€˜optic ataxiaâ€™. Clinical Neurophysiology, 2013, 124, 2230-2241.	1.5	10
123	A new form of congenital proprioceptive sensory neuropathy associated with arthrogryposis multiplex. Journal of Neurology, 2004, 251, 1340-1344.	3.6	9
124	Abnormal auditory cortex with giant N100m signal in patients with autosomal dominant lateral temporal lobe epilepsy. Clinical Neurophysiology, 2009, 120, 1923-1926.	1.5	9
125	How does voluntary movement stop resting tremor?. Clinical Neurophysiology, 2010, 121, 983-985.	1.5	9
126	Prolonged ictal monoparesis with parietal Periodic Lateralised Epileptiform Discharges (PLEDs). Epileptic Disorders, 2013, 15, 197-202.	1.3	9

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127	Hypersomnia Caused by Isolated Angiitis of the CNS. Internal Medicine, 2005, 44, 883-885.	0.7	8
128	Transient Myoclonic State with Asterixis: Primary Motor Cortex Hyperexcitability is Correlated with Myoclonus. Internal Medicine, 2011, 50, 2303-2309.	0.7	8
129	Network hyperexcitability in a patient with partial reading epilepsy: Converging evidence from magnetoencephalography, diffusion tractography, and functional magnetic resonance imaging. Clinical Neurophysiology, 2015, 126, 675-681.	1.5	8
130	Epileptic polyopia with right temporal lobe epilepsy as studied by FDG-PET and MRI: A case report. Journal of the Neurological Sciences, 2006, 247, 109-111.	0.6	7
131	Ipsilateral facial sensory and motor responses to basal fronto-temporal cortical stimulation: Evidence suggesting direct activation of cranial nerves. Epilepsy Research, 2006, 71, 216-222.	1.6	7
132	Decreased cortical excitability in Unverrichtâ€“Lundborg disease in the long-term follow-up: A consecutive SEP study. Clinical Neurophysiology, 2011, 122, 1617-1621.	1.5	7
133	Impact of <scp>COVID</scp>â€19 pandemic on epilepsy care in Japan: AÂnationalâ€level multicenter retrospective cohort study. Epilepsia Open, 2022, 7, 431-441.	2.4	7
134	A nonspecific form of dysembryoplastic neuroepithelial tumor presenting with intractable epilepsy. Brain Tumor Pathology, 2005, 22, 35-40.	1.7	6
135	Long-Term Seizure Outcome Following Resective Surgery for Epilepsy: To be or Not to be Completely Cured?. Neurologia Medico-Chirurgica, 2013, 53, 805-813.	2.2	6
136	Bereitschaftspotentials recorded from the lateral part of the superior frontal gyrus in humans. Neuroscience Letters, 2006, 399, 1-5.	2.1	5
137	Automatic detection of the topographical distribution of EEG rhythms based on an iterative adjustment of the averaged reference potential. Artificial Life and Robotics, 2011, 16, 243-247.	1.2	5
138	Automatic reference selection for quantitative EEG interpretation: Identification of diffuse/localised activity and the active earlobe reference, iterative detection of the distribution of EEG rhythms. Medical Engineering and Physics, 2014, 36, 88-95.	1.7	5
139	Risk Factors for Infective Complications with Long-Term Subdural Electrode Implantation in Patients with Medically Intractable Partial Epilepsy. World Neurosurgery, 2015, 84, 320-326.	1.3	5
140	A novel SCN1A mutation in a cytoplasmic loop in intractable juvenile myoclonic epilepsy without febrile seizures. Epileptic Disorders, 2014, 16, 227-231.	1.3	4
141	Automatic EEG interpretation adaptable to individual electroencephalographer using artificial neural network. International Journal of Adaptive Control and Signal Processing, 2002, 16, 25-37.	4.1	3
142	Bipolar EEG Analysis Based on Cross Spectrum: Focal Detection of Slowing Wave for Automatic EEG Interpretation. , 2009, , .		3
143	Automatic interpretation of hyperventilation-induced electroencephalogram constructed in the way of qualified electroencephalographerâ€™s visual inspection. Medical and Biological Engineering and Computing, 2011, 49, 171-180.	2.8	3
144	Transient Increase in Epileptiform Discharges after the Introduction of Nasal Continuous Positive Airway Pressure in a Patient with Obstructive Sleep Apnea and Epilepsy. Internal Medicine, 2012, 51, 2453-2456.	0.7	3

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145	Possible induction of multiple seizure foci due to parietal tumour and anti-NMDAR antibody. Epileptic Disorders, 2015, 17, 89-94.	1.3	3
146	Characteristics of auditory P300 in children: application of single trial analysis. Brain and Development, 1994, 16, 374-381.	1.1	2
147	Chapter 4 Electrocorticography in motor control and movement disorders. Handbook of Clinical Neurophysiology, 2003, 1, 31-44.	0.0	2
148	Interareal connectivity in the human language system: a cortico-cortical evoked potential study. International Congress Series, 2005, 1278, 397-400.	0.2	2
149	Rapid Recovery from Coma with Multifocal PLEDs in a Patient with Severe Dementia and Transient Hypoxemia. Internal Medicine, 2006, 45, 823-826.	0.7	2
150	The initial impact of the SARSâ€CoVâ€2 pandemic on epilepsy research. Epilepsia Open, 2021, 6, 255-265.	2.4	2
151	Automatic Reference Selection for Quantitative EEG Component Interpretation: Cross Spectrum Analysis Based on Bipolar EEG. Lecture Notes in Computer Science, 2010, , 79-86.	1.3	2
152	Application of the 2001 diagnostic scheme and the 2006 ILAE report of seizure and epilepsy: a feedback from the clinical practice of adult epilepsy. Epileptic Disorders, 2008, 10, 206-212.	1.3	2
153	Special recording techniques for detection of the seizure onset zone: DC shifts and high-frequency discharges. Handbook of Clinical Neurophysiology, 2003, 3, 135-145.	0.0	1
154	Event-related evoked potentials in the definition of eloquent cortical areas. Handbook of Clinical Neurophysiology, 2003, , 333-345.	0.0	1
155	Development of real-time evaluation system for qualitative improvement of awake EEG records. , 2012, , .		1
156	Phantom of oscillation: Operational definition bound to improve. Clinical Neurophysiology, 2016, 127, 8-9.	1.5	1
157	A Case of Eating Epilepsy with Depersonalization, Funniness and Aphasia. Journal of the Japan Epilepsy Society, 2006, 24, 63-67.	0.2	1
158	Application of the 2001 diagnostic scheme and the 2006 ILAE report of seizure and epilepsy: a feedback from the clinical practice of adult epilepsy. Journal of the Japan Epilepsy Society, 2008, 26, 57-62.	0.2	1
159	Associative plasticity of the motor cortex in Parkinson's disease. International Congress Series, 2005, 1278, 299-302.	0.2	0
160	Heterogeneous epileptogenicity and cortical function within malformations of cortical development: A case report. Journal of the Neurological Sciences, 2006, 251, 129-133.	0.6	0
161	Automatic Interpretation of Dominant Rhythm in Awake Electroencephalogram Based on Coherence and Phase Analysis for Bipolar Derivation. , 2009, , .		0
162	Automatic detection of photic evoked spikes contaminated with slow burst by use of morphological filter and similarity coefficient. , 2012, , .		0

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163	Temporal Spread Image to delineate MEG spike foci in epilepsy patients. , 2012, , .		0
164	Automatic identification of diffuse and localized activity for topographical distribution of EEG rhythm based on suitable reference selection with pre-judgments. , 2013, , .		0
165	Functional Brain Mapping in Humans. Japanese Journal of Neurosurgery, 2013, 22, 170-177.	0.0	0
166	Clinical and imaging features of nonmotor onset seizure in poststroke epilepsy. Epilepsia, 2022, , .	5.1	0