

Akio Ikeda

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

9,197
citations

36303

51
h-index

54911

84
g-index

261
all docs

261
docs citations

261
times ranked

7350
citing authors

#	ARTICLE	IF	CITATIONS
1	Epilepsy research in 2021: multidisciplinary achievements. <i>Lancet Neurology</i> , The, 2022, 21, 8-10.	10.2	2
2	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	2.9	0
3	Neural Sources of Vagus Nerve Stimulationâ€“Induced Slow Cortical Potentials. <i>Neuromodulation</i> , 2022, 25, 407-413.	0.8	0
4	Two types of clinical ictal direct current shifts in invasive EEG of intractable focal epilepsy identified by waveform cluster analysis. <i>Clinical Neurophysiology</i> , 2022, 137, 113-121.	1.5	3
5	Clinical and imaging features of nonmotor onset seizure in poststroke epilepsy. <i>Epilepsia</i> , 2022, , .	5.1	0
6	Impact of <sc>COVID</sc>â€“19 pandemic on epilepsy care in Japan: A national level multicenter retrospective cohort study. <i>Epilepsia Open</i> , 2022, 7, 431-441.	2.4	7
7	Prescription patterns of antiepileptic drugs for adult patients with newly diagnosed focal epilepsy from 2006 to 2017 in Japan. <i>Epilepsy Research</i> , 2021, 169, 106503.	1.6	12
8	The initial impact of the SARSâ€“CoVâ€“2 pandemic on epilepsy research. <i>Epilepsia Open</i> , 2021, 6, 255-265.	2.4	2
9	Cortico-cortical evoked potential by single-pulse electrical stimulation is a generally safe procedure. <i>Clinical Neurophysiology</i> , 2021, 132, 1033-1040.	1.5	7
10	A Biomarker for Benign Adult Familial Myoclonus Epilepsy: Highâ€“Frequency Activities in Giant Somatosensory Evoked Potentials. <i>Movement Disorders</i> , 2021, 36, 2335-2345.	3.9	7
11	A Role of Aging in the Progression of Cortical Excitability in Benign Adult Familial Myoclonus Epilepsy type 1 Patients. <i>Movement Disorders</i> , 2021, 36, 2446-2448.	3.9	5
12	Importance of access to epilepsy monitoring units during the COVIDâ€“19 pandemic: consensus statement of the International League Against Epilepsy and the International Federation of Clinical Neurophysiologyâ€“—. <i>Epileptic Disorders</i> , 2021, 23, 533-536.	1.3	4
13	Effects of propofol on cortico-cortical evoked potentials in the dorsal language white matter pathway. <i>Clinical Neurophysiology</i> , 2021, 132, 1919-1926.	1.5	11
14	Epilepsy care during the COVIDâ€“19 pandemic. <i>Epilepsia</i> , 2021, 62, 2322-2332.	5.1	48
15	Importance of access to epilepsy monitoring units during the COVID-19 pandemic: Consensus statement of the International League against epilepsy and the International Federation of Clinical Neurophysiology. <i>Clinical Neurophysiology</i> , 2021, 132, 2248-2250.	1.5	9
16	Marked response to perampanel: A decade-long course of giant somatosensory evoked potentials in Unverricht-Lundborg disease. <i>Clinical Neurophysiology</i> , 2021, 132, 2329-2331.	1.5	1
17	Long Time Constant May Endorses Sharp Waves and Spikes Than Sharp Transients in Scalp Electroencephalography: A Comparison of Both After-Slow Among Different Time Constant and High-Frequency Activity Analysis. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 748893.	2.0	0
18	Evidence for a deep, distributed and dynamic code for animacy in human ventral anterior temporal cortex. <i>ELife</i> , 2021, 10, .	6.0	26

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19	Mathematical structures for epilepsy: High-frequency oscillation and interictal epileptic slow (red) Tj ETQq1 1 0.784314 rgBT J Overloc	1.9	2
20	Scalp EEG Could Record Both Ictal Direct Current Shift and High-Frequency Oscillation Together Even With a Time Constant of 2 Seconds. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 191-194.	1.7	4
21	Role of Astrocytic Inwardly Rectifying Potassium (Kir) 4.1 Channels in Epileptogenesis. <i>Frontiers in Neurology</i> , 2020, 11, 626658.	2.4	23
22	Electrical cortical stimulations modulate spike and post-spike slow-related high-frequency activities in human epileptic foci. <i>Clinical Neurophysiology</i> , 2020, 131, 1741-1754.	1.5	0
23	Engagement of cortico-cortical and cortico-subcortical networks in a patient with epileptic spasms: An integrated neurophysiological study. <i>Clinical Neurophysiology</i> , 2020, 131, 2255-2264.	1.5	6
24	Connectivity Gradient in the Human Left Inferior Frontal Gyrus: Intraoperative Cortico-Cortical Evoked Potential Study. <i>Cerebral Cortex</i> , 2020, 30, 4633-4650.	2.9	33
25	Intraoperative Electrophysiologic Mapping of Medial Frontal Motor Areas and Functional Outcomes. <i>World Neurosurgery</i> , 2020, 138, e389-e404.	1.3	8
26	Active direct current (DC) shifts and "Red slow" two new concepts for seizure mechanisms and identification of the epileptogenic zone. <i>Neuroscience Research</i> , 2020, 156, 95-101.	1.9	33
27	Pattern Recognition in Epileptic EEG Signals via Dynamic Mode Decomposition. <i>Mathematics</i> , 2020, 8, 481.	2.2	10
28	A taxonomy of seizure dynamotypes. <i>ELife</i> , 2020, 9, .	6.0	86
29	Language and Semantic Memory : Recent Findings from the Field of Cognitive Neurophysiology. <i>Higher Brain Function Research</i> , 2020, 40, 250-260.	0.0	0
30	Human entorhinal cortex electrical stimulation evoked short-latency potentials in the broad neocortical regions: Evidence from cortico-cortical evoked potential recordings. <i>Brain and Behavior</i> , 2019, 9, e01366.	2.2	12
31	A score to map the lateral nonprimary motor area: Multispectrum intrinsic brain activity versus cortical stimulation. <i>Epilepsia</i> , 2019, 60, 2294-2305.	5.1	1
32	Low-dose perampanel improves refractory cortical myoclonus by the dispersed and suppressed paroxysmal depolarization shifts in the sensorimotor cortex. <i>Clinical Neurophysiology</i> , 2019, 130, 1804-1812.	1.5	38
33	Hashimoto's Encephalopathy Presenting with Smoldering Limbic Encephalitis. <i>Internal Medicine</i> , 2019, 58, 1167-1172.	0.7	8
34	Down-Regulation of Astrocytic Kir4.1 Channels during the Audiogenic Epileptogenesis in Leucine-Rich Glioma-Inactivated 1 (Lgi1) Mutant Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1013.	4.1	19
35	A rational, multispectral mapping algorithm for primary motor cortex: A primary step before cortical stimulation. <i>Epilepsia</i> , 2019, 60, 547-559.	5.1	3
36	The neural tides of sleep and consciousness revealed by single-pulse electrical brain stimulation. <i>Sleep</i> , 2019, 42, .	1.1	24

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37	Interictal Slow and High-Frequency Oscillations: Is it an Epileptic Slow or Red Slow?. Journal of Clinical Neurophysiology, 2019, 36, 166-170.	1.7	10
38	Presurgical Evaluations for Epilepsy Surgery : State-of-the-Art 2019. Japanese Journal of Neurosurgery, 2019, 28, 316-325.	0.0	0
39	Automatic Judgment of Open/Closed Eye States for Accurate Interpretation of Awake Background EEG. , 2019, , .		0
40	Sleep is associated with reduction of epileptiform discharges in benign adult familial myoclonus epilepsy. Epilepsy & Behavior Case Reports, 2019, 11, 18-21.	1.5	4
41	Absence of an Autonomic Sign Assists in the Diagnosis of Extratemporal Lobe Epilepsy Manifesting Generalized Convulsion with Retained Awareness. Internal Medicine, 2019, 58, 1151-1155.	0.7	2
42	Revised Proposal of Clinical Practice Parameter in Recording and Analysis of Ictal DC Shifts and ictal HFOs in Intractable Partial Epilepsy for Epilepsy Surgery. Journal of the Japan Epilepsy Society, 2019, 37, 38-50.	0.2	2
43	Expansions of Intrinsic TTTCA and TTTTA repeats in benign adult familial myoclonic epilepsy. Nature Genetics, 2018, 50, 581-590.	21.4	238
44	Psychogenic non-epileptic seizures in Japan: Trends in prevalence, delay in diagnosis, and frequency of hospital visits. Epilepsy and Seizure, 2018, 10, 73-86.	0.2	3
45	Short α -Infraslow Activity (SISA) With Burst Suppression in Acute Anoxic Encephalopathy: A Rare, Specific Ominous Sign With Acute Posthypoxic Myoclonus or Acute Symptomatic Seizures. Journal of Clinical Neurophysiology, 2018, 35, 496-503.	1.7	1
46	How do we use in vitro models to understand epileptiform and ictal activity? A report of the TASK/WG4 group of the ILAE/AES Joint Translational Task Force. Epilepsia Open, 2018, 3, 460-473.	2.4	17
47	Antiepileptic Drugs Elevate Astrocytic Kir4.1 Expression in the Rat Limbic Region. Frontiers in Pharmacology, 2018, 9, 845.	3.5	15
48	Nationwide survey in Japan endorsed diagnostic criteria of benign adult familial myoclonus epilepsy. Seizure: the Journal of the British Epilepsy Association, 2018, 61, 14-22.	2.0	27
49	Do scalp-recorded slow potentials during neuro-feedback training reflect the cortical activity?. Clinical Neurophysiology, 2018, 129, 1884-1890.	1.5	3
50	Multi-component intrinsic brain activities as a safe alternative to cortical stimulation for sensori-motor mapping in neurosurgery. Clinical Neurophysiology, 2018, 129, 2038-2048.	1.5	6
51	Status epilepticus-induced changes in astrocytic Kir4.1 channel expression in pilocarpine model of temporal lobe epilepsy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-89.	0.0	0
52	Inhibition of Kir4.1 channel elevates BDNF expression in primary cultures of astrocytes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-104.	0.0	0
53	Clinical impact of intraoperative CCEP monitoring in evaluating the dorsal language white matter pathway. Human Brain Mapping, 2017, 38, 1977-1991.	3.6	58
54	Phasic REM Transiently Approaches Wakefulness in the Human Cortex—A Single-Pulse Electrical Stimulation Study. Sleep, 2017, 40, .	1.1	10

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55	How to record high-frequency oscillations in epilepsy: A practical guideline. <i>Epilepsia</i> , 2017, 58, 1305-1315.	5.1	127
56	We could predict good responders to vagus nerve stimulation: A surrogate marker by slow cortical potential shift. <i>Clinical Neurophysiology</i> , 2017, 128, 1583-1589.	1.5	9
57	Convergence paralysis caused by a localized cerebral infarction affecting the white matter underlying the right frontal eye field. <i>Journal of the Neurological Sciences</i> , 2017, 375, 94-96.	0.6	3
58	Magnetoencephalography with temporal spread imaging to visualize propagation of epileptic activity. <i>Clinical Neurophysiology</i> , 2017, 128, 734-743.	1.5	5
59	High frequency activity overriding cortico-cortical evoked potentials reflects altered excitability in the human epileptic focus. <i>Clinical Neurophysiology</i> , 2017, 128, 1673-1681.	1.5	20
60	Novel <i>LGI1</i> mutation in a Japanese autosomal dominant lateral temporal lobe epilepsy family. <i>Neurology and Clinical Neuroscience</i> , 2017, 5, 44-45.	0.4	3
61	Standards for data acquisition and software-based analysis of in vivo electroencephalography recordings from animals. A TASK 1 WG 5 report of the AES/ ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017, 58, 53-67.	5.1	18
62	Standardized computer-based organized reporting of EEG: SCORE – Second version. <i>Clinical Neurophysiology</i> , 2017, 128, 2334-2346.	1.5	82
63	Nicotine Elicits Convulsive Seizures by Activating Amygdalar Neurons. <i>Frontiers in Pharmacology</i> , 2017, 8, 57.	3.5	25
64	Inhibition of Inwardly Rectifying Potassium (Kir) 4.1 Channels Facilitates Brain-Derived Neurotrophic Factor (BDNF) Expression in Astrocytes. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 408.	2.9	34
65	Investigation of Glia Function in Intractable Epilepsy and Creation of Clinical Guideline. <i>Journal of the Japan Epilepsy Society</i> , 2017, 35, 3-13.	0.2	2
66	Benign adult familial myoclonus epilepsy is a progressive disorder: no longer idiopathic generalized epilepsy. <i>Epileptic Disorders</i> , 2016, 18, 67-72.	1.3	13
67	Elderly woman with exaggerated startle reflex and unconscious drop attack. <i>Neurology and Clinical Neuroscience</i> , 2016, 4, 156-158.	0.4	0
68	Right parietal source in Mahjong-induced seizure: a system epilepsy of focal origin. <i>Clinical Case Reports (discontinued)</i> , 2016, 4, 948-951.	0.5	6
69	Epileptic network of hypothalamic hamartoma: An EEG-fMRI study. <i>Epilepsy Research</i> , 2016, 125, 1-9.	1.6	20
70	Phantom of oscillation: Operational definition bound to improve. <i>Clinical Neurophysiology</i> , 2016, 127, 8-9.	1.5	1
71	Network specific change in white matter integrity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2016, 120, 65-72.	1.6	17
72	Appropriate conversion from valproate monotherapy to lamotrigine monotherapy in Japanese women with epilepsy. <i>Epilepsy and Seizure</i> , 2016, 8, 21-31.	0.2	2

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73	Efficacy and tolerability of levetiracetam as adjunctive therapy in Japanese patients with uncontrolled partial-onset seizures. <i>Psychiatry and Clinical Neurosciences</i> , 2015, 69, 640-648.	1.8	12
74	Sleep modulates cortical connectivity and excitability in humans: Direct evidence from neural activity induced by single-pulse electrical stimulation. <i>Human Brain Mapping</i> , 2015, 36, 4714-4729.	3.6	59
75	Different Mode of Afferents Determines the Frequency Range of High Frequency Activities in the Human Brain: Direct Electrographic Comparison between Peripheral Nerve and Direct Cortical Stimulation. <i>PLoS ONE</i> , 2015, 10, e0130461.	2.5	9
76	Risk Factors for Infective Complications with Long-Term Subdural Electrode Implantation in Patients with Medically Intractable Partial Epilepsy. <i>World Neurosurgery</i> , 2015, 84, 320-326.	1.3	5
77	Effect of CYP2C19 polymorphisms on the clinical outcome of low-dose clobazam therapy in Japanese patients with epilepsy. <i>European Journal of Clinical Pharmacology</i> , 2015, 71, 51-58.	1.9	43
78	A possible variant of negative motor seizure arising from the supplementary negative motor area. <i>Clinical Neurology and Neurosurgery</i> , 2015, 134, 126-129.	1.4	4
79	Direct Exploration of the Role of the Ventral Anterior Temporal Lobe in Semantic Memory: Cortical Stimulation and Local Field Potential Evidence From Subdural Grid Electrodes. <i>Cerebral Cortex</i> , 2015, 25, 3802-3817.	2.9	109
80	Network hyperexcitability in a patient with partial reading epilepsy: Converging evidence from magnetoencephalography, diffusion tractography, and functional magnetic resonance imaging. <i>Clinical Neurophysiology</i> , 2015, 126, 675-681.	1.5	8
81	Alpha-band desynchronization in human parietal area during reach planning. <i>Clinical Neurophysiology</i> , 2015, 126, 756-762.	1.5	14
82	Neural correlates of mirth and laughter: A direct electrical cortical stimulation study. <i>Cortex</i> , 2015, 66, 134-140.	2.4	39
83	Intracranially recorded ictal direct current shifts may precede high frequency oscillations in human epilepsy. <i>Clinical Neurophysiology</i> , 2015, 126, 47-59.	1.5	70
84	Intraoperative dorsal language network mapping by using single-pulse electrical stimulation. <i>Human Brain Mapping</i> , 2014, 35, 4345-4361.	3.6	120
85	Persistent frequent subclinical seizures and memory impairment after clinical remission in smoldering limbic encephalitis. <i>Epileptic Disorders</i> , 2014, 16, 312-317.	1.3	16
86	Temporal Lobe Epilepsy with Amygdala Enlargement: A Morphologic and Functional Study. <i>Journal of Neuroimaging</i> , 2014, 24, 54-62.	2.0	29
87	Evaluation of seizure foci and genes in the Lgi1 mutant rat. <i>Neuroscience Research</i> , 2014, 80, 69-75.	1.9	11
88	Automatic interpretation and writing report of the adult waking electroencephalogram. <i>Clinical Neurophysiology</i> , 2014, 125, 1081-1094.	1.5	14
89	Long-term follow-up of cortical hyperexcitability in Japanese Unverricht-Lundborg disease. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 746-750.	2.0	11
90	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. <i>Medical Engineering and Physics</i> , 2014, 36, 88-95.	1.7	5

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91	Bereitschaftspotential augmentation by neuro-feedback training in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2013, 124, 1398-1405.	1.5	19
92	Increased clinical anticipation with maternal transmission in benign adult familial myoclonus epilepsy in Japan. <i>Epileptic Disorders</i> , 2013, 15, 428-432.	1.3	17
93	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. <i>European Radiology</i> , 2013, 23, 3-11.	4.5	30
94	Role of posterior parietal cortex in reaching movements in humans: Clinical implication for optic ataxia. <i>Clinical Neurophysiology</i> , 2013, 124, 2230-2241.	1.5	10
95	Pre-SMA actively engages in conflict processing in human: A combined study of epicortical ERPs and direct cortical stimulation. <i>Neuropsychologia</i> , 2013, 51, 1011-1017.	1.6	24
96	Evaluation of focus laterality in temporal lobe epilepsy: A quantitative study comparing double inversion recovery MR imaging at 3T with FDG-PET. <i>Epilepsia</i> , 2013, 54, 2174-2183.	5.1	15
97	Automatic identification of diffuse and localized activity for topographical distribution of EEG rhythm based on suitable reference selection with pre-judgments. , 2013, , .		0
98	Automatic detection of photic evoked spikes contaminated with slow burst by use of morphological filter and similarity coefficient. , 2012, , .		0
99	Development of real-time evaluation system for qualitative improvement of awake EEG records. , 2012, , .		1
100	Temporal Spread Image to delineate MEG spike foci in epilepsy patients. , 2012, , .		0
101	A rat model for LGI1-related epilepsies. <i>Human Molecular Genetics</i> , 2012, 21, 3546-3557.	2.9	36
102	Asymmetric bilateral effect of the supplementary motor area proper in the human motor system. <i>Clinical Neurophysiology</i> , 2012, 123, 324-334.	1.5	34
103	Parieto-frontal network in humans studied by cortico-cortical evoked potential. <i>Human Brain Mapping</i> , 2012, 33, 2856-2872.	3.6	110
104	Clinical anticipation in Japanese families of benign adult familial myoclonus epilepsy. <i>Epilepsia</i> , 2012, 53, e33-6.	5.1	25
105	Ictal wideband ECoG: Direct comparison between ictal slow shifts and high frequency oscillations. <i>Clinical Neurophysiology</i> , 2011, 122, 1500-1504.	1.5	43
106	Decreased cortical excitability in Unverricht-Lundborg disease in the long-term follow-up: A consecutive SEP study. <i>Clinical Neurophysiology</i> , 2011, 122, 1617-1621.	1.5	7
107	Transient Myoclonic State with Asterixis: Primary Motor Cortex Hyperexcitability is Correlated with Myoclonus. <i>Internal Medicine</i> , 2011, 50, 2303-2309.	0.7	8
108	Left anterior temporal cortex actively engages in speech perception: A direct cortical stimulation study. <i>Neuropsychologia</i> , 2011, 49, 1350-1354.	1.6	39

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109	An Automatic Spike Detection System Based on Elimination of False Positives Using the Large-Area Context in the Scalp EEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2478-2488.	4.2	37
110	Automatic detection of the topographical distribution of EEG rhythms based on an iterative adjustment of the averaged reference potential. <i>Artificial Life and Robotics</i> , 2011, 16, 243-247.	1.2	5
111	Automatic interpretation of hyperventilation-induced electroencephalogram constructed in the way of qualified electroencephalographer's visual inspection. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 171-180.	2.8	3
112	Increased cortical hyperexcitability and exaggerated myoclonus with aging in benign adult familial myoclonus epilepsy. <i>Movement Disorders</i> , 2011, 26, 1509-1514.	3.9	36
113	Amygdalar enlargement in patients with temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 652-657.	1.9	56
114	Mutations in <i>LGII</i> gene in Japanese families with autosomal dominant lateral temporal lobe epilepsy: The first report from Asian families. <i>Epilepsia</i> , 2010, 51, 690-693.	5.1	25
115	How does voluntary movement stop resting tremor?. <i>Clinical Neurophysiology</i> , 2010, 121, 983-985.	1.5	9
116	Automatic Reference Selection for Quantitative EEG Component Interpretation: Cross Spectrum Analysis Based on Bipolar EEG. <i>Lecture Notes in Computer Science</i> , 2010, , 79-86.	1.3	2
117	Improved cerebral function in mesial temporal lobe epilepsy after subtemporal amygdalohippocampectomy. <i>Brain</i> , 2009, 132, 185-194.	7.6	69
118	Negative motor seizure arising from the negative motor area: Is it ictal apraxia?. <i>Epilepsia</i> , 2009, 50, 2072-2084.	5.1	40
119	Abnormal auditory cortex with giant N100m signal in patients with autosomal dominant lateral temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2009, 120, 1923-1926.	1.5	9
120	Automatic Interpretation of Dominant Rhythm in Awake Electroencephalogram Based on Coherence and Phase Analysis for Bipolar Derivation. , 2009, , .		0
121	Bipolar EEG Analysis Based on Cross Spectrum: Focal Detection of Slowing Wave for Automatic EEG Interpretation. , 2009, , .		3
122	Temporal Dynamics of Japanese Morphogram and Syllabogram Processing in the Left Basal Temporal Area Studied by Event-Related Potentials. <i>Journal of Clinical Neurophysiology</i> , 2009, 26, 160-166.	1.7	10
123	Application of the 2001 diagnostic scheme and the 2006 ILAE report of seizure and epilepsy: a feedback from the clinical practice of adult epilepsy. <i>Journal of the Japan Epilepsy Society</i> , 2008, 26, 57-62.	0.2	1
124	Use of magnetoencephalography in the presurgical evaluation of epilepsy patients. <i>Clinical Neurophysiology</i> , 2007, 118, 1438-1448.	1.5	47
125	Fibers from the dorsal premotor cortex elicit motor-evoked potential in a cortical dysplasia. <i>NeuroImage</i> , 2007, 34, 12-18.	4.2	10
126	Efficacy of low-dose, add-on therapy of clobazam (CLB) is produced by its major metabolite, N-desmethyl-CLB. <i>Journal of the Neurological Sciences</i> , 2007, 263, 44-48.	0.6	30

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127	Time Series of Awake Background EEG Generated by a Model Reflecting the EEG Report. , 2007, , 489-498.		0
128	Evidence for a wide distribution of negative motor areas in the perirolandic cortex. Clinical Neurophysiology, 2006, 117, 33-40.	1.5	67
129	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
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	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
132	Bereitschaftspotentials recorded from the lateral part of the superior frontal gyrus in humans. Neuroscience Letters, 2006, 399, 1-5.	2.1	5
133	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
134	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
135	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
136	Subtemporal Hippampectomy Preserving the Basal Temporal Language Area for Intractable Mesial Temporal Lobe Epilepsy: Preliminary Results. Epilepsia, 2006, 47, 1347-1353.	5.1	33
137	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
138	Altered plasticity of the human motor cortex in Parkinson's disease. Annals of Neurology, 2006, 59, 60-71.	5.3	187
139	Technical quality evaluation of EEG recording based on electroencephalographers's knowledge. Medical Engineering and Physics, 2005, 27, 93-100.	1.7	37
140	In Vivo Epileptogenicity of Focal Cortical Dysplasia: A Direct Cortical Paired Stimulation Study. Epilepsia, 2005, 46, 1744-1749.	5.1	59
141	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
142	Possible anticipation in BAFME: Three generations examined in a Japanese family. Movement Disorders, 2005, 20, 1076-1077.	3.9	14
143	Effects of Trans-sylvian Approach to Basal Forebrain Projection Fibers: Verbal Memory Decline after Selective Amygdalohippampectomy. Epilepsia, 2005, 46, 334-334.	5.1	8
144	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

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145	Cortical mechanisms of unilateral voluntary motor inhibition in humans. <i>Neuroscience Research</i> , 2005, 53, 428-435.	1.9	40
146	Surgical resection of an epileptogenic cortical dysplasia in the deep foot sensorimotor area. <i>Epilepsy and Behavior</i> , 2005, 7, 559-562.	1.7	19
147	Low-frequency repetitive transcranial magnetic stimulation for seizure suppression in patients with extratemporal lobe epilepsy—A pilot study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005, 14, 387-392.	2.0	69
148	Human eye fields in the frontal lobe as studied by epicortical recording of movement-related cortical potentials. <i>Brain</i> , 2004, 127, 873-887.	7.6	43
149	Subthreshold low-frequency repetitive transcranial magnetic stimulation over the premotor cortex modulates writer's cramp. <i>Brain</i> , 2004, 128, 104-115.	7.6	218
150	Role of primary sensorimotor cortex and supplementary motor area in volitional swallowing: a movement-related cortical potential study. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G459-G470.	3.4	70
151	Preoperative mapping for patients with supplementary motor area epilepsy: multimodality brain mapping. <i>Psychiatry and Clinical Neurosciences</i> , 2004, 58, S16-S21.	1.8	18
152	Electric Stimulation on Human Cortex Suppresses Fast Cortical Activity and Epileptic Spikes. <i>Epilepsia</i> , 2004, 45, 787-791.	5.1	70
153	A new form of congenital proprioceptive sensory neuropathy associated with arthrogryposis multiplex. <i>Journal of Neurology</i> , 2004, 251, 1340-1344.	3.6	9
154	Role of lateral non-primary motor cortex in humans as revealed by epicortical recording of Bereitschaftspotentials. <i>Experimental Brain Research</i> , 2004, 156, 135-148.	1.5	21
155	Propagation of tonic posturing in supplementary motor area (SMA) seizures. <i>Epilepsy Research</i> , 2004, 62, 179-187.	1.6	17
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