

Fabrice Bartolomei

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251
papers

10,699
citations

57
h-index

95
g-index

275
ext. papers

13,400
ext. citations

4.9
avg, IF

6.18
L-index

#	Paper	IF	Citations
251	International consensus classification of hippocampal sclerosis in temporal lobe epilepsy: a Task Force report from the ILAE Commission on Diagnostic Methods. <i>Epilepsia</i> , 2013 , 54, 1315-29	6.4	572
250	Epileptogenicity of brain structures in human temporal lobe epilepsy: a quantified study from intracerebral EEG. <i>Brain</i> , 2008 , 131, 1818-30	11.2	355
249	Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. <i>Human Brain Mapping</i> , 2009 , 30, 1580-91	5.9	288
248	The role of corticothalamic coupling in human temporal lobe epilepsy. <i>Brain</i> , 2006 , 129, 1917-28	11.2	249
247	Disturbed functional connectivity in brain tumour patients: evaluation by graph analysis of synchronization matrices. <i>Clinical Neurophysiology</i> , 2006 , 117, 2039-49	4.3	226
246	Neural networks involving the medial temporal structures in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2001 , 112, 1746-60	4.3	209
245	Defining epileptogenic networks: Contribution of SEEG and signal analysis. <i>Epilepsia</i> , 2017 , 58, 1131-1148	6.4	206
244	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010 , 23, 409-21	2.8	204
243	Gamma knife surgery in mesial temporal lobe epilepsy: a prospective multicenter study. <i>Epilepsia</i> , 2004 , 45, 504-15	6.4	202
242	Stereoencephalography in presurgical assessment of MRI-negative epilepsy. <i>Brain</i> , 2007 , 130, 3169-83	11.2	193
241	Enhanced EEG functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008 , 81, 58-68	6.3	163
240	High-frequency oscillations: The state of clinical research. <i>Epilepsia</i> , 2017 , 58, 1316-1329	6.4	156
239	Impaired consciousness during temporal lobe seizures is related to increased long-distance cortical-subcortical synchronization. <i>Brain</i> , 2009 , 132, 2091-101	11.2	156
238	Entorhinal cortex involvement in human mesial temporal lobe epilepsy: an electrophysiologic and volumetric study. <i>Epilepsia</i> , 2005 , 46, 677-87	6.4	156
237	Gamma Knife Surgery for Epilepsy Related to Hypothalamic Hamartomas. <i>Neurosurgery</i> , 2000 , 47, 1343-1352	13.52	155
236	Early deficits in spatial memory and theta rhythm in experimental temporal lobe epilepsy. <i>Journal of Neuroscience</i> , 2009 , 29, 5402-10	6.6	154
235	Semiologic and electrophysiologic correlations in temporal lobe seizure subtypes. <i>Epilepsia</i> , 2004 , 45, 1590-9	6.4	154

234	Interictal to ictal transition in human temporal lobe epilepsy: insights from a computational model of intracerebral EEG. <i>Journal of Clinical Neurophysiology</i> , 2005 , 22, 343-56	2.2	151
233	From EEG signals to brain connectivity: a model-based evaluation of interdependence measures. <i>Journal of Neuroscience Methods</i> , 2009 , 183, 9-18	3	140
232	Individual brain structure and modelling predict seizure propagation. <i>Brain</i> , 2017 , 140, 641-654	11.2	139
231	How do brain tumors alter functional connectivity? A magnetoencephalography study. <i>Annals of Neurology</i> , 2006 , 59, 128-38	9.4	139
230	Frontal lobe seizures: from clinical semiology to localization. <i>Epilepsia</i> , 2014 , 55, 264-77	6.4	128
229	Epilepsy related to hypothalamic hamartomas: surgical management with special reference to gamma knife surgery. <i>Child's Nervous System</i> , 2006 , 22, 881-95	1.7	127
228	Diagnostic methods and treatment options for focal cortical dysplasia. <i>Epilepsia</i> , 2015 , 56, 1669-86	6.4	126
227	Diagnostic utility of invasive EEG for epilepsy surgery: Indications, modalities, and techniques. <i>Epilepsia</i> , 2016 , 57, 1735-1747	6.4	122
226	Electrical stimulation of a small brain area reversibly disrupts consciousness. <i>Epilepsy and Behavior</i> , 2014 , 37, 32-5	3.2	119
225	Development and validation of nomograms to provide individualised predictions of seizure outcomes after epilepsy surgery: a retrospective analysis. <i>Lancet Neurology</i> , 2015 , 14, 283-90	24.1	117
224	Local and remote epileptogenicity in focal cortical dysplasias and neurodevelopmental tumours. <i>Brain</i> , 2009 , 132, 3072-86	11.2	117
223	Imaging structural and functional connectivity: towards a unified definition of human brain organization?. <i>Current Opinion in Neurology</i> , 2008 , 21, 393-403	7.1	109
222	French guidelines on stereoelectroencephalography (SEEG). <i>Neurophysiologie Clinique</i> , 2018 , 48, 5-13	2.7	107
221	Epileptic networks in focal cortical dysplasia revealed using electroencephalography-functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2011 , 70, 822-37	9.4	105
220	Computational models of epileptiform activity. <i>Journal of Neuroscience Methods</i> , 2016 , 260, 233-51	3	103
219	Synchronized brain activity and neurocognitive function in patients with low-grade glioma: a magnetoencephalography study. <i>Neuro-Oncology</i> , 2008 , 10, 734-44	1	102
218	Seizures of temporal lobe epilepsy: identification of subtypes by coherence analysis using stereo-electro-encephalography. <i>Clinical Neurophysiology</i> , 1999 , 110, 1741-54	4.3	99
217	Neuropathology of the blood-brain barrier and pharmaco-resistance in human epilepsy. <i>Brain</i> , 2012 , 135, 3115-33	11.2	96

216	Radiosurgery for epilepsy associated with cavernous malformation: retrospective study in 49 patients. <i>Neurosurgery</i> , 2000 , 47, 1091-7	3.2	95
215	From intracerebral EEG signals to brain connectivity: identification of epileptogenic networks in partial epilepsy. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 154	3.5	93
214	Risk factors of postictal generalized EEG suppression in generalized convulsive seizures. <i>Neurology</i> , 2015 , 85, 1598-603	6.5	86
213	Rapid detection of generalized anxiety disorder and major depression in epilepsy: Validation of the GAD-7 as a complementary tool to the NDDI-E in a French sample. <i>Epilepsy and Behavior</i> , 2016 , 57, 211-216	3.2	86
212	Gamma knife surgery for epilepsy related to hypothalamic hamartomas. <i>Seminars in Pediatric Neurology</i> , 2007 , 14, 73-9	2.9	85
211	Interictal functional connectivity of human epileptic networks assessed by intracerebral EEG and BOLD signal fluctuations. <i>PLoS ONE</i> , 2011 , 6, e20071	3.7	84
210	Large-scale expression study of human mesial temporal lobe epilepsy: evidence for dysregulation of the neurotransmission and complement systems in the entorhinal cortex. <i>Brain</i> , 2006 , 129, 625-41	11.2	83
209	From mesial temporal lobe to temporoparietal seizures: a quantified study of temporal lobe seizure networks. <i>Epilepsia</i> , 2010 , 51, 2147-58	6.4	79
208	Neural networks underlying parietal lobe seizures: a quantified study from intracerebral recordings. <i>Epilepsy Research</i> , 2011 , 93, 164-76	3	78
207	Source localization of ictal epileptic activity investigated by high resolution EEG and validated by SEEG. <i>NeuroImage</i> , 2010 , 51, 642-53	7.9	78
206	Seizure-onset patterns in focal cortical dysplasia and neurodevelopmental tumors: Relationship with surgical prognosis and neuropathologic subtypes. <i>Epilepsia</i> , 2016 , 57, 1426-35	6.4	75
205	The landscape of epilepsy-related GATOR1 variants. <i>Genetics in Medicine</i> , 2019 , 21, 398-408	8.1	75
204	High-frequency oscillations are not better biomarkers of epileptogenic tissues than spikes. <i>Annals of Neurology</i> , 2018 , 83, 84-97	9.4	75
203	Permittivity coupling across brain regions determines seizure recruitment in partial epilepsy. <i>Journal of Neuroscience</i> , 2014 , 34, 15009-21	6.6	70
202	Electric source imaging in temporal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2004 , 21, 267-82	2.2	70
201	Changes in interictal spike features precede the onset of temporal lobe epilepsy. <i>Annals of Neurology</i> , 2012 , 71, 805-14	9.4	67
200	Interictal stereotactic-EEG functional connectivity in refractory focal epilepsies. <i>Brain</i> , 2018 , 141, 2966-2980	9.8	64
199	Recollection of vivid memories after perirhinal region stimulations: synchronization in the theta range of spatially distributed brain areas. <i>Neuropsychologia</i> , 2005 , 43, 1329-37	3.2	64

198	GABAergic inhibition shapes interictal dynamics in awake epileptic mice. <i>Brain</i> , 2015 , 138, 2875-90	11.2	62
197	Predicting the spatiotemporal diversity of seizure propagation and termination in human focal epilepsy. <i>Nature Communications</i> , 2018 , 9, 1088	17.4	59
196	Long-term consolidation of declarative memory: insight from temporal lobe epilepsy. <i>Brain</i> , 2011 , 134, 816-31	11.2	59
195	Acute alteration of emotional behaviour in epileptic seizures is related to transient desynchrony in emotion-regulation networks. <i>Clinical Neurophysiology</i> , 2005 , 116, 2473-9	4.3	59
194	Default mode network in temporal lobe epilepsy: metabolic pattern of cortical involvement in patients with normal brain MRI. <i>Neuropsychologia</i> , 2010 , 48, 2174-81	3.2	53
193	Interictal spikes, fast ripples and seizures in partial epilepsies--combining multi-level computational models with experimental data. <i>European Journal of Neuroscience</i> , 2012 , 36, 2164-77	3.5	51
192	Computational modeling of high-frequency oscillations at the onset of neocortical partial seizures: from altered structure to dysfunction. <i>NeuroImage</i> , 2010 , 52, 1109-22	7.9	51
191	Electric source imaging in frontal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2006 , 23, 358-70	2.2	51
190	The repertoire of seizure onset patterns in human focal epilepsies: Determinants and prognostic values. <i>Epilepsia</i> , 2019 , 60, 85-95	6.4	50
189	Predicting and treating stress-induced vulnerability to epilepsy and depression. <i>Annals of Neurology</i> , 2015 , 78, 128-36	9.4	49
188	Increase in mRNAs encoding neonatal II and III sodium channel alpha-isoforms during kainate-induced seizures in adult rat hippocampus. <i>Molecular Brain Research</i> , 1997 , 44, 179-90		49
187	What is the concordance between the seizure onset zone and the irritative zone? A SEEG quantified study. <i>Clinical Neurophysiology</i> , 2016 , 127, 1157-1162	4.3	49
186	Prognostic factors for childhood and juvenile absence epilepsies. <i>European Neurology</i> , 1997 , 37, 169-75	2.1	47
185	Electrical source imaging in cortical malformation-related epilepsy: a prospective EEG-SEEG concordance study. <i>Epilepsia</i> , 2014 , 55, 918-32	6.4	46
184	Rhinal-hippocampal interactions during default mode network. <i>Clinical Neurophysiology</i> , 2012 , 123, 489-95	4.3	46
183	Anatomic consistencies across epilepsies: a stereotactic-EEG informed high-resolution structural connectivity study. <i>Brain</i> , 2017 , 140, 2639-2652	11.2	45
182	Responders to vagus nerve stimulation (VNS) in refractory epilepsy have reduced interictal cortical synchronicity on scalp EEG. <i>Epilepsy Research</i> , 2015 , 113, 98-103	3	44
181	Interictal networks in magnetoencephalography. <i>Human Brain Mapping</i> , 2014 , 35, 2789-805	5.9	43

180	Source localization of scalp-EEG interictal spikes in posterior cortex epilepsies investigated by HR-EEG and SEEG. <i>Epilepsia</i> , 2009 , 50, 276-89	6.4	43
179	Cryptogenic partial epilepsies with anti-GM1 antibodies: a new form of immune-mediated epilepsy?. <i>Epilepsia</i> , 1996 , 37, 922-6	6.4	43
178	Anti-tumor necrosis factor alpha therapy (adalimumab) in Rasmussen's encephalitis: An open pilot study. <i>Epilepsia</i> , 2016 , 57, 956-66	6.4	43
177	Time-Frequency Strategies for Increasing High-Frequency Oscillation Detectability in Intracerebral EEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2016 , 63, 2595-2606	5	43
176	Localization of Epileptogenic Zone on Pre-surgical Intracranial EEG Recordings: Toward a Validation of Quantitative Signal Analysis Approaches. <i>Brain Topography</i> , 2015 , 28, 832-7	4.3	41
175	One step closer to a global tool for rapid screening of major depression in epilepsy: validation of the French NDDI-E. <i>Epilepsy and Behavior</i> , 2015 , 44, 11-6	3.2	41
174	Safety and efficacy of Gamma Knife radiosurgery in hypothalamic hamartomas with severe epilepsies: A prospective trial in 48 patients and review of the literature. <i>Epilepsia</i> , 2017 , 58 Suppl 2, 60-71	6.4	40
173	¹⁸ F-FDG-PET in different subtypes of temporal lobe epilepsy: SEEG validation and predictive value. <i>Epilepsia</i> , 2015 , 56, 414-21	6.4	39
172	The Global Workspace (GW) Theory of Consciousness and Epilepsy. <i>Behavioural Neurology</i> , 2011 , 24, 67-74	3	39
171	Clinical, neuropsychological, and metabolic characteristics of transient epileptic amnesia syndrome. <i>Epilepsia</i> , 2014 , 55, 699-706	6.4	37
170	Neural networks underlying epileptic humming. <i>Epilepsia</i> , 2002 , 43, 1001-12	6.4	37
169	Controlling seizure propagation in large-scale brain networks. <i>PLoS Computational Biology</i> , 2019 , 15, e1006805	5	37
168	The "Proust phenomenon": Odor-evoked autobiographical memories triggered by direct amygdala stimulation in human. <i>Cortex</i> , 2017 , 90, 173-175	3.8	36
167	Metabolic and electrophysiological alterations in subtypes of temporal lobe epilepsy: a combined proton magnetic resonance spectroscopic imaging and depth electrodes study. <i>Epilepsia</i> , 2002 , 43, 1197-209	6.4	36
166	Epileptogenic networks in nodular heterotopia: A stereoelectroencephalography study. <i>Epilepsia</i> , 2017 , 58, 2112-2123	6.4	35
165	What are the assets and weaknesses of HFO detectors? A benchmark framework based on realistic simulations. <i>PLoS ONE</i> , 2017 , 12, e0174702	3.7	35
164	Functional interactions in brain networks underlying epileptic seizures in bilateral diffuse periventricular heterotopia. <i>Clinical Neurophysiology</i> , 2008 , 119, 212-23	4.3	35
163	Time-frequency characterization of interdependencies in nonstationary signals: application to epileptic EEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2005 , 52, 1218-26	5	34

162	Whole-brain analytic measures of network communication reveal increased structure-function correlation in right temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2016 , 11, 707-718	5.3	34
161	Simultaneous recording of MEG, EEG and intracerebral EEG during visual stimulation: from feasibility to single-trial analysis. <i>NeuroImage</i> , 2014 , 99, 548-58	7.9	33
160	Alteration of global workspace during loss of consciousness: a study of parietal seizures. <i>Epilepsia</i> , 2012 , 53, 2104-10	6.4	33
159	Familial epilepsy with unilateral and bilateral malformations of cortical development. <i>Epilepsia</i> , 1999 , 40, 47-51	6.4	33
158	Does the Thalamo-Cortical Synchrony Play a Role in Seizure Termination?. <i>Frontiers in Neurology</i> , 2015 , 6, 192	4.1	32
157	Induction of a sense of bliss by electrical stimulation of the anterior insula. <i>Cortex</i> , 2013 , 49, 2935-7	3.8	31
156	Benign temporo-parieto-occipital junction epilepsy with vestibular disturbance: an underrecognized form of epilepsy?. <i>Epilepsy and Behavior</i> , 2011 , 21, 412-6	3.2	31
155	Dynamic Reconfiguration of Visuomotor-Related Functional Connectivity Networks. <i>Journal of Neuroscience</i> , 2017 , 37, 839-853	6.6	30
154	Stereoencephalography and surgical outcome in polymicrogyria-related epilepsy: A multicentric study. <i>Annals of Neurology</i> , 2017 , 82, 781-794	9.4	30
153	Beyond the lesion: the epileptogenic networks around cavernous angiomas. <i>Epilepsy Research</i> , 2014 , 108, 701-8	3	30
152	How do cognition, emotion, and epileptogenesis meet? A study of emotional cognitive bias in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2009 , 15, 218-24	3.2	30
151	Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoencephalography. <i>Neurosurgery</i> , 2018 , 83, 217-225	3.2	28
150	Mining reproducible activation patterns in epileptic intracerebral EEG signals: application to interictal activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 304-15	5	28
149	Occipital and occipital "plus" epilepsies: A study of involved epileptogenic networks through SEEG quantification. <i>Epilepsy and Behavior</i> , 2016 , 62, 104-14	3.2	28
148	Hypoxemia following generalized convulsive seizures: Risk factors and effect of oxygen therapy. <i>Neurology</i> , 2019 , 92, e183-e193	6.5	28
147	Brain regions and epileptogenicity influence epileptic interictal spike production and propagation during NREM sleep in comparison with wakefulness. <i>Epilepsia</i> , 2018 , 59, 235-243	6.4	28
146	Nodal approach reveals differential impact of lateralized focal epilepsies on hub reorganization. <i>NeuroImage</i> , 2015 , 118, 39-48	7.9	26
145	Skin conductance biofeedback training in adults with drug-resistant temporal lobe epilepsy and stress-triggered seizures: a proof-of-concept study. <i>Epilepsy and Behavior</i> , 2014 , 41, 244-50	3.2	26

144	Abnormal binding and disruption in large scale networks involved in human partial seizures. <i>EPJ Nonlinear Biomedical Physics</i> , 2013 , 1,		26
143	Evaluating quality of life in epilepsy: The role of screening for adverse drug effects, depression, and anxiety. <i>Epilepsy and Behavior</i> , 2017 , 75, 18-24	3.2	26
142	Memory scrutinized through electrical brain stimulation: A review of 80 years of experiential phenomena. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 78, 161-177	9	25
141	Epileptogenic networks in seizures arising from motor systems. <i>Epilepsy Research</i> , 2013 , 106, 92-102	3	25
140	Computational modeling of epileptic activity: from cortical sources to EEG signals. <i>Journal of Clinical Neurophysiology</i> , 2010 , 27, 465-70	2.2	25
139	Panic attacks mistaken for relapse of epilepsy. <i>Epilepsia</i> , 1995 , 36, 48-51	6.4	25
138	How does vagal nerve stimulation (VNS) change EEG brain functional connectivity?. <i>Epilepsy Research</i> , 2016 , 126, 141-6	3	25
137	Simultaneous Intracranial EEG-fMRI Shows Inter-Modality Correlation in Time-Resolved Connectivity Within Normal Areas but Not Within Epileptic Regions. <i>Brain Topography</i> , 2017 , 30, 639-655	4.3	24
136	Stress regulation in drug-resistant epilepsy. <i>Epilepsy and Behavior</i> , 2017 , 71, 39-50	3.2	24
135	Graph Measures of Node Strength for Characterizing Preictal Synchrony in Partial Epilepsy. <i>Brain Connectivity</i> , 2016 , 6, 530-9	2.7	24
134	The effect of medial pulvinar stimulation on temporal lobe seizures. <i>Epilepsia</i> , 2019 , 60, e25-e30	6.4	23
133	Optimization of surgical intervention outside the epileptogenic zone in the Virtual Epileptic Patient (VEP). <i>PLoS Computational Biology</i> , 2019 , 15, e1007051	5	23
132	Reversible antisocial behavior in ventromedial prefrontal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 29, 367-73	3.2	23
131	Hyperactivation of parahippocampal region and fusiform gyrus associated with successful encoding in medial temporal lobe epilepsy. <i>Epilepsia</i> , 2011 , 52, 1100-9	6.4	23
130	Interpretation of SEEG recordings. <i>Neurophysiologie Clinique</i> , 2018 , 48, 53-57	2.7	22
129	Self-control of epileptic seizures by nonpharmacological strategies. <i>Epilepsy and Behavior</i> , 2016 , 55, 157-64	5.4	22
128	Localizing value of electrical source imaging: Frontal lobe, malformations of cortical development and negative MRI related epilepsies are the best candidates. <i>NeuroImage: Clinical</i> , 2017 , 16, 319-329	5.3	22
127	Subclinical abnormal gyration pattern, a potential anatomic marker of epileptogenic zone in patients with magnetic resonance imaging-negative frontal lobe epilepsy. <i>Neurosurgery</i> , 2011 , 69, 80-93; discussion 93-4	3.2	22

126	Epileptogenicity in tuberous sclerosis complex: A stereoelectroencephalographic study. <i>Epilepsia</i> , 2020 , 61, 81-95	6.4	22
125	Simultaneous SEEG-MEG-EEG recordings Overcome the SEEG limited spatial sampling. <i>Epilepsy Research</i> , 2016 , 128, 68-72	3	21
124	MEG and EEG sensitivity in a case of medial occipital epilepsy. <i>Brain Topography</i> , 2014 , 27, 192-6	4.3	21
123	Electrophysiological study of the basal temporal language area: a convergence zone between language perception and production networks. <i>Clinical Neurophysiology</i> , 2009 , 120, 539-50	4.3	21
122	Cortical involvement in focal epilepsies with epileptic spasms. <i>Epilepsy Research</i> , 2014 , 108, 1572-80	3	20
121	Alteration of consciousness in focal epilepsy: the global workspace alteration theory. <i>Epilepsy and Behavior</i> , 2014 , 30, 17-23	3.2	18
120	Distribution, Amplitude, Incidence, Co-Occurrence, and Propagation of Human K-Complexes in Focal Transcortical Recordings. <i>ENeuro</i> , 2015 , 2,	3.9	18
119	Postictal electroencephalographic (EEG) suppression: A stereo-EEG study of 100 focal to bilateral tonic-clonic seizures. <i>Epilepsia</i> , 2019 , 60, 63-73	6.4	17
118	Anatomoelectroclinical features of SEEG-confirmed pure insular-onset epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 105, 106964	3.2	16
117	Brain sodium MRI in human epilepsy: Disturbances of ionic homeostasis reflect the organization of pathological regions. <i>NeuroImage</i> , 2017 , 157, 173-183	7.9	16
116	Metabolic brain PET pattern underlying hyperkinetic seizures. <i>Epilepsy Research</i> , 2012 , 101, 237-45	3	16
115	Alcoholic epilepsy: a unified and dynamic classification. <i>European Neurology</i> , 1997 , 37, 13-7	2.1	16
114	The Ictal Signature of Thalamus and Basal Ganglia in Focal Epilepsy: A SEEG Study. <i>Neurology</i> , 2021 , 96, e280-e293	6.5	16
113	Dynamical Mechanisms of Interictal Resting-State Functional Connectivity in Epilepsy. <i>Journal of Neuroscience</i> , 2020 , 40, 5572-5588	6.6	15
112	The global workspace (GW) theory of consciousness and epilepsy. <i>Behavioural Neurology</i> , 2011 , 24, 67-74	3	15
111	Intracranial EEG in the 21st Century. <i>Epilepsy Currents</i> , 2020 , 20, 180-188	1.3	15
110	Ictal Magnetic Source Imaging in Presurgical Assessment. <i>Brain Topography</i> , 2016 , 29, 182-92	4.3	14
109	Altered synchrony and loss of consciousness during frontal lobe seizures. <i>Clinical Neurophysiology</i> , 2016 , 127, 1170-1175	4.3	14

108	The role of stereoelectroencephalography (SEEG) in reevaluation of epilepsy surgery failures. <i>Epilepsy and Behavior</i> , 2018 , 81, 86-93	3.2	14
107	The different patterns of seizure-induced aphasia in temporal lobe epilepsies. <i>Epilepsy and Behavior</i> , 2018 , 78, 256-264	3.2	14
106	Quantitative analysis of hyperkinetic seizures and correlation with seizure onset zone. <i>Epilepsia</i> , 2020 , 61, 1019-1026	6.4	13
105	Hippocampal Interictal Spikes during Sleep Impact Long-Term Memory Consolidation. <i>Annals of Neurology</i> , 2020 , 87, 976-987	9.4	13
104	Epileptogenesis due to peripheral injury as a cause of focal epilepsy. <i>Epilepsia</i> , 2005 , 46, 1252-5	6.4	13
103	Visual and semiautomated evaluation of epileptogenicity in focal cortical dysplasias - An intracranial EEG study. <i>Epilepsy and Behavior</i> , 2016 , 58, 69-75	3.2	13
102	Antioxidant treatment after epileptogenesis onset prevents comorbidities in rats sensitized by a past stressful event. <i>Epilepsia</i> , 2019 , 60, 648-655	6.4	12
101	Magnetic source imaging in posterior cortex epilepsies. <i>Brain Topography</i> , 2015 , 28, 162-71	4.3	11
100	Dr̄r̄: Prior dreams induced by direct electrical brain stimulation. <i>Brain Stimulation</i> , 2018 , 11, 875-885	5.1	11
99	Epilepsy and the cortical vestibular system: tales of dizziness and recent concepts. <i>Frontiers in Integrative Neuroscience</i> , 2013 , 7, 73	3.2	11
98	A case-control study of skin conductance biofeedback on seizure frequency and emotion regulation in drug-resistant temporal lobe epilepsy. <i>International Journal of Psychophysiology</i> , 2018 , 123, 103-110	2.9	10
97	Gamma knife radiosurgery of paracentral epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , 2014 , 92, 346-53	1.6	10
96	Relationship between PET metabolism and SEEG epileptogenicity in focal lesional epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 3130-3142	8.8	9
95	Are high-frequency oscillations better biomarkers of the epileptogenic zone than spikes?. <i>Current Opinion in Neurology</i> , 2019 , 32, 213-219	7.1	9
94	Subjective and physiological response to emotions in temporal lobe epilepsy and psychogenic non-epileptic seizures. <i>Journal of Affective Disorders</i> , 2019 , 244, 46-53	6.6	9
93	Comparative Effectiveness of Stereotactic Electroencephalography Versus Subdural Grids in Epilepsy Surgery. <i>Annals of Neurology</i> , 2021 , 90, 927-939	9.4	9
92	European Expert Opinion on ANT-DBS therapy for patients with drug-resistant epilepsy (a Delphi consensus). <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020 , 81, 201-209	3.2	8
91	Epileptogenicity Maps of Intracerebral Fast Activities (60-100 Hz) at Seizure Onset in Epilepsy Surgery Candidates. <i>Frontiers in Neurology</i> , 2019 , 10, 1263	4.1	8

90	Early onset motor semiology in seizures triggered by cortical stimulation during SEEG. <i>Epilepsy and Behavior</i> , 2018 , 88, 262-267	3.2	8
89	The "Connectivity Epileptogenicity Index " (cEI), a method for mapping the different seizure onset patterns in StereoElectroEncephalography recorded seizures. <i>Clinical Neurophysiology</i> , 2020 , 131, 1947-1955	4.3	7
88	Commentary: Integrating electrodermal biofeedback into pharmacologic treatment of grand mal seizures. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 666	3.3	7
87	Fast epileptic discharges associated with ictal negative motor phenomena. <i>Clinical Neurophysiology</i> , 2014 , 125, 2344-8	4.3	7
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