

Fabrice Bartolomei

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3198749/fabrice-bartolomei-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Screening for epilepsy-specific anxiety symptoms: French validation of the EASI.. <i>Epilepsy and Behavior</i> , 2022 , 128, 108585	3.2	1
250	Stereo-EEG based personalized multichannel transcranial direct current stimulation in drug-resistant epilepsy.. <i>Clinical Neurophysiology</i> , 2022 , 137, 142-151	4.3	3
249	BIDS Manager-Pipeline: A framework for multi-subject analysis in electrophysiology. <i>Neuroscience Informatics</i> , 2022 , 100072		
248	Automated video analysis of emotion and dystonia in epileptic seizures. <i>Epilepsy Research</i> , 2022 , 106953		
247	De novo psychosis after left temporal lobectomy: a case of forced normalization?. <i>Epileptic Disorders</i> , 2021 ,	1.9	1
246	Epileptogenic networks in drug-resistant epilepsy with amygdala enlargement: Assessment with stereo-EEG and 7 T MRI. <i>Clinical Neurophysiology</i> , 2021 , 133, 94-103	4.3	
245	Computational modeling of seizure spread on a cortical surface. <i>Journal of Computational Neuroscience</i> , 2021 , 1	1.4	2
244	Ictal fear during parietal seizures. <i>Epileptic Disorders</i> , 2021 , 23, 793-798	1.9	0
243	T1-Based Synthetic Magnetic Resonance Contrasts Improve Multiple Sclerosis and Focal Epilepsy Imaging at 7 T. <i>Investigative Radiology</i> , 2021 , 56, 127-133	10.1	1
242	Identifying spatio-temporal seizure propagation patterns in epilepsy using Bayesian inference. <i>Communications Biology</i> , 2021 , 4, 1244	6.7	1
241	The Ictal Signature of Thalamus and Basal Ganglia in Focal Epilepsy: A SEEG Study. <i>Neurology</i> , 2021 , 96, e280-e293	6.5	16
240	Interictal F-FDG brain PET metabolism in patients with postictal EEG suppression. <i>Epilepsy and Behavior</i> , 2021 , 116, 107742	3.2	2
239	Ictal connectivity changes induced by pulvinar stimulation correlate with improvement of awareness. <i>Brain Stimulation</i> , 2021 , 14, 344-346	5.1	2
238	Long-term cognitive outcome after radiosurgery in epileptic hypothalamic hamartomas and review of the literature. <i>Epilepsia</i> , 2021 , 62, 1369-1381	6.4	3
237	Orientation of Temporal Interference for Non-invasive Deep Brain Stimulation in Epilepsy. <i>Frontiers in Neuroscience</i> , 2021 , 15, 633988	5.1	3
236	Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. <i>American Journal of Human Genetics</i> , 2021 , 108, 965-982	11	6
235	KCNT1-related epilepsies and epileptic encephalopathies: phenotypic and mutational spectrum. <i>Brain</i> , 2021 ,	11.2	6

234	On seizure semiology. <i>Epilepsia</i> , 2021 , 62, 2019-2035	6.4	6
233	Insular interictal positron emission tomography hypometabolism in patients with ictal asystole. <i>Epilepsia</i> , 2021 , 62, e117-e122	6.4	0
232	VEP atlas: An anatomic and functional human brain atlas dedicated to epilepsy patients. <i>Journal of Neuroscience Methods</i> , 2021 , 348, 108983	3	5
231	Is beta band desynchronization related to skin conductance biofeedback effectiveness in drug resistant focal epilepsy?. <i>Epilepsy Research</i> , 2021 , 169, 106528	3	3
230	Gelastic seizures and the hypothalamic hamartoma syndrome: Epileptogenesis beyond the lesion?. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021 , 182, 143-154	3	
229	Accelerated long-term forgetting in focal epilepsy: Do interictal spikes during sleep matter?. <i>Epilepsia</i> , 2021 , 62, 563-569	6.4	5
228	Transfer, Collection and Organisation of Electrophysiological and Imaging Data for Multicentre Studies. <i>Neuroinformatics</i> , 2021 , 19, 639-647	3.2	1
227	Evidence for spreading seizure as a cause of theta-alpha activity electrographic pattern in stereo-EEG seizure recordings. <i>PLoS Computational Biology</i> , 2021 , 17, e1008731	5	3
226	Data-driven method to infer the seizure propagation patterns in an epileptic brain from intracranial electroencephalography. <i>PLoS Computational Biology</i> , 2021 , 17, e1008689	5	7
225	Changes in epileptogenicity biomarkers after stereotactic thermocoagulation. <i>Epilepsia</i> , 2021 , 62, 2048-2059	6.4	1
224	Epileptic hypothalamic hamartomas impact of topography on clinical presentation and radiosurgical outcome. <i>Epilepsy Research</i> , 2021 , 173, 106624	3	1
223	On the influence of prior information evaluated by fully Bayesian criteria in a personalized whole-brain model of epilepsy spread. <i>PLoS Computational Biology</i> , 2021 , 17, e1009129	5	2
222	Post-traumatic stress disorder (PTSD) in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2021 , 121, 108083	3.2	3
221	Patient-Specific Network Connectivity Combined With a Next Generation Neural Mass Model to Test Clinical Hypothesis of Seizure Propagation. <i>Frontiers in Systems Neuroscience</i> , 2021 , 15, 675272	3.5	1
220	Comparative Effectiveness of Stereotactic Electroencephalography Versus Subdural Grids in Epilepsy Surgery. <i>Annals of Neurology</i> , 2021 , 90, 927-939	9.4	9
219	Parieto-premotor functional connectivity changes during parietal lobe seizures are associated with motor semiology. <i>Clinical Neurophysiology</i> , 2021 , 132, 2046-2053	4.3	1
218	Vestibular-Evoked Cerebral Potentials. <i>Frontiers in Neurology</i> , 2021 , 12, 674100	4.1	1
217	Intellectual outcome from 1 to 5 years after epilepsy surgery in 81 children and adolescents: A longitudinal study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 91, 384-392	3.2	1

216	Symptom network analysis of anxiety and depression in epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 92, 211-215	3.2	1
215	King Charles VIII of France's Death: From an Unsubstantiated Traumatic Brain Injury to More Realistic Hypotheses. <i>World Neurosurgery</i> , 2021 , 156, 60-67	2.1	
214	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
213	Quantitative analysis of hyperkinetic seizures and correlation with seizure onset zone. <i>Epilepsia</i> , 2020 , 61, 1019-1026	6.4	13
212	Subthalamic Nucleus Stimulation Modulates Motor Epileptic Activity in Humans. <i>Annals of Neurology</i> , 2020 , 88, 283-296	9.4	5
211	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
210	Dynamical Mechanisms of Interictal Resting-State Functional Connectivity in Epilepsy. <i>Journal of Neuroscience</i> , 2020 , 40, 5572-5588	6.6	15
209	Why do seizures impair consciousness and how can we reverse this?. <i>Current Opinion in Neurology</i> , 2020 , 33, 173-178	7.1	5
208	Rhythmic rocking stereotypies in frontal lobe seizures: A quantified video study. <i>Neurophysiologie Clinique</i> , 2020 , 50, 75-80	2.7	5
207	Anatomoelectroclinical features of SEEG-confirmed pure insular-onset epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 105, 106964	3.2	16
206	Hippocampal Interictal Spikes during Sleep Impact Long-Term Memory Consolidation. <i>Annals of Neurology</i> , 2020 , 87, 976-987	9.4	13
205	Electrophysiological properties and seizure networks in hypothalamic hamartoma. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 653-666	5.3	4
204	Neural mass modeling of slow-fast dynamics of seizure initiation and abortion. <i>PLoS Computational Biology</i> , 2020 , 16, e1008430	5	5
203	Anatomical electroclinical correlations during an SEEG-recorded seizure with autoscopic hallucination. <i>Epileptic Disorders</i> , 2020 , 22, 817-822	1.9	1
202	Effective posterior extension of callosotomy by gamma knife surgery. <i>Epileptic Disorders</i> , 2020 , 22, 342-348	3.4	1
201	A description of verbal and gestural communication during postictal aphasia. <i>Epilepsy and Behavior</i> , 2020 , 102, 106646	3.2	1
200	Epileptogenicity in tuberous sclerosis complex: A stereoelectroencephalographic study. <i>Epilepsia</i> , 2020 , 61, 81-95	6.4	22
199	Stereoelectroencephalography (SEEG) and epilepsy surgery in posttraumatic epilepsy: A multicenter retrospective study. <i>Epilepsy and Behavior</i> , 2020 , 112, 107378	3.2	1

198	Prefrontal seizure classification based on stereo-EEG quantification and automatic clustering. <i>Epilepsy and Behavior</i> , 2020 , 112, 107436	3.2	5
197	Ictal blinking in focal seizures: Insights from SEEG recordings. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020 , 81, 21-28	3.2	5
196	Intracranial EEG in the 21st Century. <i>Epilepsy Currents</i> , 2020 , 20, 180-188	1.3	15
195	Neural correlates of rhythmic rocking in prefrontal seizures. <i>Neurophysiologie Clinique</i> , 2020 , 50, 331-338	2.7	4
194	Transient cortico-cortical disconnection during psychogenic nonepileptic seizures (PNES). <i>Epilepsia</i> , 2020 , 61, e101-e106	6.4	4
193	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
192	Video-EEG illustration of transient episodes of loss of consciousness correlating with plateau-waves due to intracranial hypertension. <i>Epileptic Disorders</i> , 2020 , 22, 515-516	1.9	
191	VNS implantation in a NF1 patient: massive nerve hypertrophy discovered intra-operatively preventing successful electrode placement. Case report. <i>Acta Neurochirurgica</i> , 2020 , 162, 2509-2512	3	1
190	Use of Polyvinyl Alcohol Sponge Cubes for Vagal Nerve Stimulation: A Suggestion for the Wrapping Step. Technical Note and Step-by-Step Operative Technique. <i>Operative Neurosurgery</i> , 2020 , 18, 487-495	1.6	4
189	Respective Contribution of Ictal and Inter-ictal Electrical Source Imaging to Epileptogenic Zone Localization. <i>Brain Topography</i> , 2020 , 33, 384-402	4.3	3
188	In Reply: Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. <i>Neurosurgery</i> , 2019 , 85, E790	3.2	1
187	Anterior Thalamic Stimulation Induced Relapsing Encephalitis. <i>Stereotactic and Functional Neurosurgery</i> , 2019 , 97, 132-136	1.6	5
186	Can histologically normal epileptogenic zone share common electrophysiological phenotypes with focal cortical dysplasia? SEEG-based study in MRI-negative epileptic patients. <i>Journal of Neurology</i> , 2019 , 266, 1907-1918	5.5	3
185	Illusory own body perceptions mapped in the cingulate cortex-An intracranial stimulation study. <i>Human Brain Mapping</i> , 2019 , 40, 2813-2826	5.9	5
184	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
183	The effect of medial pulvinar stimulation on temporal lobe seizures. <i>Epilepsia</i> , 2019 , 60, e25-e30	6.4	23
182	The landscape of epilepsy-related GATOR1 variants. <i>Genetics in Medicine</i> , 2019 , 21, 398-408	8.1	75
181	Optimization of surgical intervention outside the epileptogenic zone in the Virtual Epileptic Patient (VEP). <i>PLoS Computational Biology</i> , 2019 , 15, e1007051	5	23

180	Focal epilepsies and focal disorders. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 161, 17-43</i>	3	3
179	Epileptogenicity and surgical outcome in post stroke drug resistant epilepsy in children and adults. <i>Epilepsy Research, 2019, 155, 106155</i>	3	6
178	Postictal stereo-EEG changes following bilateral tonic-clonic seizures. <i>Epilepsia, 2019, 60, 1743-1745</i>	6.4	4
177	Connectivity strength, time lag structure and the epilepsy network in resting-state fMRI. <i>NeuroImage: Clinical, 2019, 24, 102035</i>	5.3	3
176	Brain connectivity changes during ictal coughing 2019, 21, 353-357		2
175	Controlling seizure propagation in large-scale brain networks. <i>PLoS Computational Biology, 2019, 15, e1006805</i>	5	37
174	Epileptogenicity Maps of Intracerebral Fast Activities (60-100 Hz) at Seizure Onset in Epilepsy Surgery Candidates. <i>Frontiers in Neurology, 2019, 10, 1263</i>	4.1	8
173	Are high-frequency oscillations better biomarkers of the epileptogenic zone than spikes?. <i>Current Opinion in Neurology, 2019, 32, 213-219</i>	7.1	9
172	Hypoxemia following generalized convulsive seizures: Risk factors and effect of oxygen therapy. <i>Neurology, 2019, 92, e183-e193</i>	6.5	28
171	Postictal electroencephalographic (EEG) suppression: A stereo-EEG study of 100 focal to bilateral tonic-clonic seizures. <i>Epilepsia, 2019, 60, 63-73</i>	6.4	17
170	The repertoire of seizure onset patterns in human focal epilepsies: Determinants and prognostic values. <i>Epilepsia, 2019, 60, 85-95</i>	6.4	50
169	High-frequency oscillations and spikes running down after SEEG-guided thermocoagulations in the epileptogenic network of periventricular nodular heterotopia. <i>Epilepsy Research, 2019, 150, 27-31</i>	3	7
168	Subjective and physiological response to emotions in temporal lobe epilepsy and psychogenic non-epileptic seizures. <i>Journal of Affective Disorders, 2019, 244, 46-53</i>	6.6	9
167	DJ~r~ Prior dreams induced by direct electrical brain stimulation. <i>Brain Stimulation, 2018, 11, 875-885</i>	5.1	11
166	The role of stereoelectroencephalography (SEEG) in reevaluation of epilepsy surgery failures. <i>Epilepsy and Behavior, 2018, 81, 86-93</i>	3.2	14
165	The different patterns of seizure-induced aphasia in temporal lobe epilepsies. <i>Epilepsy and Behavior, 2018, 78, 256-264</i>	3.2	14
164	French guidelines on stereoelectroencephalography (SEEG). <i>Neurophysiologie Clinique, 2018, 48, 5-13</i>	2.7	107
163	Interpretation of SEEG recordings. <i>Neurophysiologie Clinique, 2018, 48, 53-57</i>	2.7	22

162	Predicting the spatiotemporal diversity of seizure propagation and termination in human focal epilepsy. <i>Nature Communications</i> , 2018 , 9, 1088	17.4	59
161	Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. <i>Neurosurgery</i> , 2018 , 83, 217-225	3.2	28
160	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
159	Individual brain structure and modelling predict seizure propagation. <i>Revue Neurologique</i> , 2018 , 174, S177	3	2
158	Tailored suprainular partial hemispherotomy: a new functional disconnection technique for stroke-induced refractory epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2018 , 22, 601-609	2.1	5
157	Interictal stereotactic-EEG functional connectivity in refractory focal epilepsies. <i>Brain</i> , 2018 , 141, 2966-2980	2.8	64
156	High-frequency oscillations are not better biomarkers of epileptogenic tissues than spikes. <i>Annals of Neurology</i> , 2018 , 83, 84-97	9.4	75
155	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
154	Early onset motor semiology in seizures triggered by cortical stimulation during SEEG. <i>Epilepsy and Behavior</i> , 2018 , 88, 262-267	3.2	8
153	Ultra-short screening instruments for major depressive episode and generalized anxiety disorder in epilepsy: The NDDIE-2 and the GAD-SI. <i>Journal of Affective Disorders</i> , 2017 , 210, 237-240	6.6	6
152	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
151	Stress regulation in drug-resistant epilepsy. <i>Epilepsy and Behavior</i> , 2017 , 71, 39-50	3.2	24
150	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
149	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
148	Defining epileptogenic networks: Contribution of SEEG and signal analysis. <i>Epilepsia</i> , 2017 , 58, 1131-1148	7.4	206
147	Dynamic Reconfiguration of Visuomotor-Related Functional Connectivity Networks. <i>Journal of Neuroscience</i> , 2017 , 37, 839-853	6.6	30
146	The "Proust phenomenon": Odor-evoked autobiographical memories triggered by direct amygdala stimulation in human. <i>Cortex</i> , 2017 , 90, 173-175	3.8	36
145	Stereoelectroencephalography and surgical outcome in polymicrogyria-related epilepsy: A multicentric study. <i>Annals of Neurology</i> , 2017 , 82, 781-794	9.4	30

144	Spontaneous seizure remission following status epilepticus in drug-resistant epilepsy due to focal cortical dysplasia. <i>Epilepsy Research</i> , 2017 , 137, 73-77	3	0
143	Brain connectivity changes during ictal aggression (a strangulation attempt). <i>Epileptic Disorders</i> , 2017 , 19, 367-373	1.9	4
142	Epileptogenic networks in nodular heterotopia: A stereoelectroencephalography study. <i>Epilepsia</i> , 2017 , 58, 2112-2123	6.4	35
141	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
140	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
139	High-frequency oscillations: The state of clinical research. <i>Epilepsia</i> , 2017 , 58, 1316-1329	6.4	156
138	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
137	Anatomic consistencies across epilepsies: a stereotactic-EEG informed high-resolution structural connectivity study. <i>Brain</i> , 2017 , 140, 2639-2652	11.2	45
136	Adjunctive lacosamide for focal epilepsy: an open-label trial evaluating the impact of flexible titration and dosing on safety and seizure outcomes. <i>Epileptic Disorders</i> , 2017 , 19, 186-194	1.9	5
135	Atonic seizures in children with surgically remediable epilepsy: a motor system seizure phenotype?. <i>Epileptic Disorders</i> , 2017 , 19, 315-326	1.9	2
134	Hyperkinetic motor seizures: a common semiology generated by two different cortical seizure origins. <i>Epileptic Disorders</i> , 2017 , 19, 362-366	1.9	3
133	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
132	Individual brain structure and modelling predict seizure propagation. <i>Brain</i> , 2017 , 140, 641-654	11.2	139
131	Ictal Magnetic Source Imaging in Presurgical Assessment. <i>Brain Topography</i> , 2016 , 29, 182-92	4.3	14
130	Computational models of epileptiform activity. <i>Journal of Neuroscience Methods</i> , 2016 , 260, 233-51	3	103
129	Altered synchrony and loss of consciousness during frontal lobe seizures. <i>Clinical Neurophysiology</i> , 2016 , 127, 1170-1175	4.3	14
128	The role of sub-hippocampal versus hippocampal regions in bitemporal lobe epilepsies. <i>Clinical Neurophysiology</i> , 2016 , 127, 2992-2999	4.3	3
127	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

126	Simultaneous SEEG-MEG-EEG recordings Overcome the SEEG limited spatial sampling. <i>Epilepsy Research</i> , 2016 , 128, 68-72	3	21
125	Graph Measures of Node Strength for Characterizing Preictal Synchrony in Partial Epilepsy. <i>Brain Connectivity</i> , 2016 , 6, 530-9	2.7	24
124	Self-control of epileptic seizures by nonpharmacological strategies. <i>Epilepsy and Behavior</i> , 2016 , 55, 157-64	3.4	22
123	Positron emission tomography in patients with psychogenic non-epileptic seizures. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 777-8	3.1	
122	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
121	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
120	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
119	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
118	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
117	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
116	Unmasking Partial Seizure after Deep Brain Stimulation for Treatment-Resistant Depression: A Case Report. <i>Brain Stimulation</i> , 2016 , 9, 636-8	5.1	6
115	Diagnostic utility of invasive EEG for epilepsy surgery: Indications, modalities, and techniques. <i>Epilepsia</i> , 2016 , 57, 1735-1747	6.4	122
114	How does vagal nerve stimulation (VNS) change EEG brain functional connectivity?. <i>Epilepsy Research</i> , 2016 , 126, 141-6	3	25
113	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
112	Nodal approach reveals differential impact of lateralized focal epilepsies on hub reorganization. <i>NeuroImage</i> , 2015 , 118, 39-48	7.9	26
111	Promise and pitfalls of prognostic models for epilepsy surgery-AuthorsReply. <i>Lancet Neurology</i> , 2015 , 14, 684	24.1	6
110	Appearance of post ictal psychosis after radiosurgical damage in the temporal lobe. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015 , 24, 140-2	3.2	1
109	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

108	18FDG-PET in different subtypes of temporal lobe epilepsy: SEEG validation and predictive value. <i>Epilepsia</i> , 2015 , 56, 414-21	6.4	39
107	GABAergic inhibition shapes interictal dynamics in awake epileptic mice. <i>Brain</i> , 2015 , 138, 2875-90	11.2	62
106	Risk factors of postictal generalized EEG suppression in generalized convulsive seizures. <i>Neurology</i> , 2015 , 85, 1598-603	6.5	86
105	Magnetic source imaging in posterior cortex epilepsies. <i>Brain Topography</i> , 2015 , 28, 162-71	4.3	11
104	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
103	Diagnostic methods and treatment options for focal cortical dysplasia. <i>Epilepsia</i> , 2015 , 56, 1669-86	6.4	126
102	Predicting and treating stress-induced vulnerability to epilepsy and depression. <i>Annals of Neurology</i> , 2015 , 78, 128-36	9.4	49
101	Does the Thalamo-Cortical Synchrony Play a Role in Seizure Termination?. <i>Frontiers in Neurology</i> , 2015 , 6, 192	4.1	32
100	Commentary: Integrating electrodermal biofeedback into pharmacologic treatment of grand mal seizures. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 666	3.3	7
99	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
98	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
97	Distribution, Amplitude, Incidence, Co-Occurrence, and Propagation of Human K-Complexes in Focal Transcortical Recordings. <i>ENeuro</i> , 2015 , 2,	3.9	18
96	Beyond the lesion: the epileptogenic networks around cavernous angiomas. <i>Epilepsy Research</i> , 2014 , 108, 701-8	3	30
95	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
94	Permittivity coupling across brain regions determines seizure recruitment in partial epilepsy. <i>Journal of Neuroscience</i> , 2014 , 34, 15009-21	6.6	70
93	Parietal seizures mimicking psychogenic nonepileptic seizures. <i>Epilepsia</i> , 2014 , 55, 196-7	6.4	2
92	Cortical involvement in focal epilepsies with epileptic spasms. <i>Epilepsy Research</i> , 2014 , 108, 1572-80	3	20
91	Electrical stimulation of a small brain area reversibly disrupts consciousness. <i>Epilepsy and Behavior</i> , 2014 , 37, 32-5	3.2	119

90	Frontal lobe seizures: from clinical semiology to localization. <i>Epilepsia</i> , 2014 , 55, 264-77	6.4	128
89	Electrical source imaging in cortical malformation-related epilepsy: a prospective EEG-SEEG concordance study. <i>Epilepsia</i> , 2014 , 55, 918-32	6.4	46
88	Alteration of consciousness in focal epilepsy: the global workspace alteration theory. <i>Epilepsy and Behavior</i> , 2014 , 30, 17-23	3.2	18
87	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
86	Gamma knife radiosurgery of paracentral epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , 2014 , 92, 346-53	1.6	10
85	Clinical, neuropsychological, and metabolic characteristics of transient epileptic amnesia syndrome. <i>Epilepsia</i> , 2014 , 55, 699-706	6.4	37
84	Interictal networks in magnetoencephalography. <i>Human Brain Mapping</i> , 2014 , 35, 2789-805	5.9	43
83	In response: transient epileptic amnesia. <i>Epilepsia</i> , 2014 , 55, 1678	6.4	
82	Fast epileptic discharges associated with ictal negative motor phenomena. <i>Clinical Neurophysiology</i> , 2014 , 125, 2344-8	4.3	7
81	MEG and EEG sensitivity in a case of medial occipital epilepsy. <i>Brain Topography</i> , 2014 , 27, 192-6	4.3	21
80	Abnormal binding and disruption in large scale networks involved in human partial seizures. <i>EPJ Nonlinear Biomedical Physics</i> , 2013 , 1,		26
79	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
78	Induction of a sense of bliss by electrical stimulation of the anterior insula. <i>Cortex</i> , 2013 , 49, 2935-7	3.8	31
77	Reversible antisocial behavior in ventromedial prefrontal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 29, 367-73	3.2	23
76	Epileptogenic networks in seizures arising from motor systems. <i>Epilepsy Research</i> , 2013 , 106, 92-102	3	25
75	Epilepsy and the cortical vestibular system: tales of dizziness and recent concepts. <i>Frontiers in Integrative Neuroscience</i> , 2013 , 7, 73	3.2	11
74	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
73	Neuropathology of the blood-brain barrier and pharmaco-resistance in human epilepsy. <i>Brain</i> , 2012 , 135, 3115-33	11.2	96

72	Rhinal-hippocampal interactions during dj̃vu. <i>Clinical Neurophysiology</i> , 2012 , 123, 489-95	4.3	46
71	Alteration of global workspace during loss of consciousness: a study of parietal seizures. <i>Epilepsia</i> , 2012 , 53, 2104-10	6.4	33
70	Metabolic brain PET pattern underlying hyperkinetic seizures. <i>Epilepsy Research</i> , 2012 , 101, 237-45	3	16
69	Changes in interictal spike features precede the onset of temporal lobe epilepsy. <i>Annals of Neurology</i> , 2012 , 71, 805-14	9.4	67
68	Ictal "hemiballic-like" movement: lateralizing and localizing value. <i>Epilepsia</i> , 2012 , 53, e41-5	6.4	4
67	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
66	The Global Workspace (GW) Theory of Consciousness and Epilepsy. <i>Behavioural Neurology</i> , 2011 , 24, 67-74	3	39
65	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
64	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
63	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
62	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
61	Neural networks underlying parietal lobe seizures: a quantified study from intracerebral recordings. <i>Epilepsy Research</i> , 2011 , 93, 164-76	3	78
60	Long-term consolidation of declarative memory: insight from temporal lobe epilepsy. <i>Brain</i> , 2011 , 134, 816-31	11.2	59
59	The global workspace (GW) theory of consciousness and epilepsy. <i>Behavioural Neurology</i> , 2011 , 24, 67-74	3	15
58	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
57	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
56	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
55	Computational modeling of epileptic activity: from cortical sources to EEG signals. <i>Journal of Clinical Neurophysiology</i> , 2010 , 27, 465-70	2.2	25

54	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
53	DJ ² -vu 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
52	From mesial temporal lobe to temporoperisylvian seizures: a quantified study of temporal lobe seizure networks. <i>Epilepsia</i> , 2010 , 51, 2147-58	6.4	79
51	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
50	Local and remote epileptogenicity in focal cortical dysplasias and neurodevelopmental tumours. <i>Brain</i> , 2009 , 132, 3072-86	11.2	117
49	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
48	Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. <i>Human Brain Mapping</i> , 2009 , 30, 1580-91	5.9	288
47	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
46	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
45	Comments on: Usui N, Mihara T, Baba K, Matsuda K, Tottori T, Umeoka S, et al. Intracranial EEG findings in patients with lesional lateral temporal lobe epilepsy. <i>Epilepsy Res</i> 2008;78:82-91. <i>Epilepsy Research</i> , 2009 , 83, 94-5	3	
44	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
43	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
42	Functional interactions in brain networks underlying epileptic seizures in bilateral diffuse periventricular heterotopia. <i>Clinical Neurophysiology</i> , 2008 , 119, 212-23	4.3	35
41	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
40	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
39	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
38	Enhanced EEG functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008 , 81, 58-68		163
37	Gamma knife surgery for epilepsy related to hypothalamic hamartomas. <i>Seminars in Pediatric Neurology</i> , 2007 , 14, 73-9	2.9	85

36	Stereoencephalography in presurgical assessment of MRI-negative epilepsy. <i>Brain</i> , 2007 , 130, 3169-83	11.2	193
35	How do brain tumors alter functional connectivity? A magnetoencephalography study. <i>Annals of Neurology</i> , 2006 , 59, 128-38	9.4	139
34	The role of corticothalamic coupling in human temporal lobe epilepsy. <i>Brain</i> , 2006 , 129, 1917-28	11.2	249
33	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
32	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
31	Electric source imaging in frontal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2006 , 23, 358-70	2.2	51
30	Neural network underlying ictal humming demonstrated by very early SPECT: a case report. <i>Epilepsia</i> , 2006 , 47, 1968-70	6.4	4
29	Epilepsy related to hypothalamic hamartomas: surgical management with special reference to gamma knife surgery. <i>Childs Nervous System</i> , 2006 , 22, 881-95	1.7	127
28	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
27	Entorhinal cortex involvement in human mesial temporal lobe epilepsy: an electrophysiologic and volumetric study. <i>Epilepsia</i> , 2005 , 46, 677-87	6.4	156
26	Epileptogenesis due to peripheral injury as a cause of focal epilepsy. <i>Epilepsia</i> , 2005 , 46, 1252-5	6.4	13
25	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
24	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
23	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
22	Gamma knife surgery in mesial temporal lobe epilepsy: a prospective multicenter study. <i>Epilepsia</i> , 2004 , 45, 504-15	6.4	202
21	Semiologic and electrophysiologic correlations in temporal lobe seizure subtypes. <i>Epilepsia</i> , 2004 , 45, 1590-9	6.4	154
20	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
19	Electric source imaging in temporal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2004 , 21, 267-82	2.2	70

18	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
17	Neural networks underlying epileptic humming. <i>Epilepsia</i> , 2002 , 43, 1001-12	6.4	37
16	Neural networks involving the medial temporal structures in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2001 , 112, 1746-60	4.3	209
15	Gamma Knife Surgery for Epilepsy Related to Hypothalamic Hamartomas. <i>Neurosurgery</i> , 2000 , 47, 1343-1352	3.2	155
14	Radiosurgery for epilepsy associated with cavernous malformation: retrospective study in 49 patients. <i>Neurosurgery</i> , 2000 , 47, 1091-7	3.2	95
13	Familial epilepsy with unilateral and bilateral malformations of cortical development. <i>Epilepsia</i> , 1999 , 40, 47-51	6.4	33
12	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
11	Prognostic factors for childhood and juvenile absence epilepsies. <i>European Neurology</i> , 1997 , 37, 169-75	2.1	47
10	Alcoholic epilepsy: a unified and dynamic classification. <i>European Neurology</i> , 1997 , 37, 13-7	2.1	16
9	Absence-epilepsy and Klinefelter syndrome. <i>Journal of Epilepsy</i> , 1997 , 10, 12-14		4
8	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
7	Cryptogenic partial epilepsies with anti-GM1 antibodies: a new form of immune-mediated epilepsy?. <i>Epilepsia</i> , 1996 , 37, 922-6	6.4	43
6	Myoclonic alcoholic epilepsy. <i>Epilepsia</i> , 1996 , 37, 406-9	6.4	4
5	Development of intracranial tumors in patients with long-standing preexisting epilepsy. <i>Journal of Epilepsy</i> , 1995 , 8, 289-294		
4	Panic attacks mistaken for relapse of epilepsy. <i>Epilepsia</i> , 1995 , 36, 48-51	6.4	25
3	Partial complex epileptic seizures provoked by ingestion of alcohol. <i>Journal of Neurology</i> , 1993 , 240, 232-4	5.5	4
2	Evidence for spreading seizure as a cause of theta-alpha activity electrographic pattern in stereo-EEG seizure recordings		1
1	Controlling seizure propagation in large-scale brain networks		1

