Fabrice Bartolomei

List of Publications by Year
in descending order

258	15,608	16451 64	24258 110
papers	citations	h-index	g-index

275	275	275	10630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	International consensus classification of hippocampal sclerosis in temporal lobe epilepsy: A Task Force report from the <scp>ILAE</scp> Commission on Diagnostic Methods. Epilepsia, 2013, 54, 1315-1329.	5.1	816
2	Epileptogenicity of brain structures in human temporal lobe epilepsy: a quantified study from intracerebral EEG. Brain, 2008, 131, 1818-1830.	7.6	483
3	Defining epileptogenic networks: Contribution of <scp>SEEG</scp> and signal analysis. Epilepsia, 2017, 58, 1131-1147.	5.1	388
4	Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. Human Brain Mapping, 2009, 30, 1580-1591.	3.6	331
5	The role of corticothalamic coupling in human temporal lobe epilepsy. Brain, 2006, 129, 1917-1928.	7.6	308
6	Gamma Knife Surgery in Mesial Temporal Lobe Epilepsy: A Prospective Multicenter Study. Epilepsia, 2004, 45, 504-515.	5.1	292
7	Highâ€frequency oscillations: The state of clinical research. Epilepsia, 2017, 58, 1316-1329.	5.1	260
8	Semiologic and Electrophysiologic Correlations in Temporal Lobe Seizure Subtypes. Epilepsia, 2004, 45, 1590-1599.	5.1	259
9	Disturbed functional connectivity in brain tumour patients: Evaluation by graph analysis of synchronization matrices. Clinical Neurophysiology, 2006, 117, 2039-2049.	1.5	257
10	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 409-421.	2.0	245
11	Stereoelectroencephalography in presurgical assessment of MRI-negative epilepsy. Brain, 2007, 130, 3169-3183.	7.6	238
12	Neural networks involving the medial temporal structures in temporal lobe epilepsy. Clinical Neurophysiology, 2001, 112, 1746-1760.	1.5	235
13	Individual brain structure and modelling predict seizure propagation. Brain, 2017, 140, 641-654.	7.6	226
14	Enhanced EEG functional connectivity in mesial temporal lobe epilepsy. Epilepsy Research, 2008, 81, 58-68.	1.6	207
15	French guidelines on stereoelectroencephalography (SEEG). Neurophysiologie Clinique, 2018, 48, 5-13.	2.2	203
16	Impaired consciousness during temporal lobe seizures is related to increased long-distance corticalâ€“subcortical synchronization. Brain, 2009, 132, 2091-2101.	7.6	201
17	Diagnostic utility of invasive <scp>EEG</scp> for epilepsy surgery: Indications, modalities, and techniques. Epilepsia, 2016, 57, 1735-1747.	5.1	199
18	Frontal lobe seizures: From clinical semiology to localization. Epilepsia, 2014, 55, 264-277.	5.1	194

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19	Early Deficits in Spatial Memory and Theta Rhythm in Experimental Temporal Lobe Epilepsy. Journal of Neuroscience, 2009, 29, 5402-5410.	3.6	189
20	Entorhinal Cortex Involvement in Human Mesial Temporal Lobe Epilepsy: An Electrophysiologic and Volumetric Study. Epilepsia, 2005, 46, 677-687.	5.1	182
21	From EEG signals to brain connectivity: A model-based evaluation of interdependence measures. Journal of Neuroscience Methods, 2009, 183, 9-18.	2.5	179
22	Gamma Knife Surgery for Epilepsy Related to Hypothalamic Hamartomas. Neurosurgery, 2000, 47, 1343-1352.	1.1	175
23	Diagnostic methods and treatment options for focal cortical dysplasia. Epilepsia, 2015, 56, 1669-1686.	5.1	167
24	Development and validation of nomograms to provide individualised predictions of seizure outcomes after epilepsy surgery: a retrospective analysis. Lancet Neurology, The, 2015, 14, 283-290.	10.2	167
25	Interictal to ictal transition in human temporal lobe epilepsy: insights from a computational model of intracerebral EEG. Journal of Clinical Neurophysiology, 2005, 22, 343-56.	1.7	166
26	How do brain tumors alter functional connectivity? A magnetoencephalography study. Annals of Neurology, 2006, 59, 128-138.	5.3	164
27	Electrical stimulation of a small brain area reversibly disrupts consciousness. Epilepsy and Behavior, 2014, 37, 32-35.	1.7	161
28	Epilepsy related to hypothalamic hamartomas: surgical management with special reference to gamma knife surgery. Child's Nervous System, 2006, 22, 881-895.	1.1	152
29	Computational models of epileptiform activity. Journal of Neuroscience Methods, 2016, 260, 233-251.	2.5	152
30	Local and remote epileptogenicity in focal cortical dysplasias and neurodevelopmental tumours. Brain, 2009, 132, 3072-3086.	7.6	149
31	Highâ€frequency oscillations are not better biomarkers of epileptogenic tissues than spikes. Annals of Neurology, 2018, 83, 84-97.	5.3	141
32	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. Epilepsy and Behavior, 2016, 57, 211-216.	1.7	140
33	The landscape of epilepsy-related GATOR1 variants. Genetics in Medicine, 2019, 21, 398-408.	2.4	137
34	Interictal stereotactic-EEG functional connectivity in refractory focal epilepsies. Brain, 2018, 141, 2966-2980.	7.6	135
35	Imaging structural and functional connectivity: towards a unified definition of human brain organization?. Current Opinion in Neurology, 2008, 24, 393-403.	3.6	126
36	Radiosurgery for Epilepsy Associated with Cavernous Malformation: Retrospective Study in 49 Patients. Neurosurgery, 2000, 47, 1091-1097.	1.1	125

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37	Electric Source Imaging in Frontal Lobe Epilepsy. Journal of Clinical Neurophysiology, 2006, 23, 358-370.	1.7	122
38	The repertoire of seizure onset patterns in human focal epilepsies: Determinants and prognostic values. Epilepsia, 2019, 60, 85-95.	5.1	121
39	Synchronized brain activity and neurocognitive function in patients with low-grade glioma: A magnetoencephalography study. Neuro-Oncology, 2008, 10, 734-744.	1.2	119
40	From Intracerebral EEG Signals to Brain Connectivity: Identification of Epileptogenic Networks in Partial Epilepsy. Frontiers in Systems Neuroscience, 2010, 4, 154.	2.5	118
41	Neuropathology of the bloodâ€“brain barrier and pharmaco-resistance in human epilepsy. Brain, 2012, 135, 3115-3133.	7.6	117
42	Seizures of temporal lobe epilepsy: identification of subtypes by coherence analysis using stereo-electro-encephalography. Clinical Neurophysiology, 1999, 110, 1741-1754.	1.5	116
43	Epileptic networks in focal cortical dysplasia revealed using electroencephalographyâ€“functional magnetic resonance imaging. Annals of Neurology, 2011, 70, 822-837.	5.3	116
44	Interictal Functional Connectivity of Human Epileptic Networks Assessed by Intracerebral EEG and BOLD Signal Fluctuations. PLoS ONE, 2011, 6, e20071.	2.5	114
45	Predicting the spatiotemporal diversity of seizure propagation and termination in human focal epilepsy. Nature Communications, 2018, 9, 1088.	12.8	112
46	Seizureâ€onset patterns in focal cortical dysplasia and neurodevelopmental tumors: Relationship with surgical prognosis and neuropathologic subtypes. Epilepsia, 2016, 57, 1426-1435.	5.1	111
47	Gamma Knife Surgery for Epilepsy Related to Hypothalamic Hamartomas. Seminars in Pediatric Neurology, 2007, 14, 73-79.	2.0	109
48	Permittivity Coupling across Brain Regions Determines Seizure Recruitment in Partial Epilepsy. Journal of Neuroscience, 2014, 34, 15009-15021.	3.6	109
49	Risk factors of postictal generalized EEG suppression in generalized convulsive seizures. Neurology, 2015, 85, 1598-1603.	1.1	106
50	Source localization of ictal epileptic activity investigated by high resolution EEG and validated by SEEG. NeuroImage, 2010, 51, 642-653.	4.2	105
51	Neural networks underlying parietal lobe seizures: A quantified study from intracerebral recordings. Epilepsy Research, 2011, 93, 164-176.	1.6	102
52	From mesial temporal lobe to temporoperisylvian seizures: A quantified study of temporal lobe seizure networks. Epilepsia, 2010, 51, 2147-2158.	5.1	99
53	GABAergic inhibition shapes interictal dynamics in awake epileptic mice. Brain, 2015, 138, 2875-2890.	7.6	98
54	Controlling seizure propagation in large-scale brain networks. PLoS Computational Biology, 2019, 15, e1006805.	3.2	93

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55	Large-scale expression study of human mesial temporal lobe epilepsy: evidence for dysregulation of the neurotransmission and complement systems in the entorhinal cortex. Brain, 2006, 129, 625-641.	7.6	89
56	Changes in interictal spike features precede the onset of temporal lobe epilepsy. Annals of Neurology, 2012, 71, 805-814.	5.3	87
57	Time-Frequency Strategies for Increasing High-Frequency Oscillation Detectability in Intracerebral EEG. IEEE Transactions on Biomedical Engineering, 2016, 63, 2595-2606.	4.2	80
58	Responders to vagus nerve stimulation (VNS) in refractory epilepsy have reduced interictal cortical synchronicity on scalp EEG. Epilepsy Research, 2015, 113, 98-103.	1.6	79
59	Electric Source Imaging in Temporal Lobe Epilepsy. Journal of Clinical Neurophysiology, 2004, 21, 267-282.	1.7	78
60	Acute alteration of emotional behaviour in epileptic seizures is related to transient desynchrony in emotion-regulation networks. Clinical Neurophysiology, 2005, 116, 2473-2479.	1.5	78
61	Anatomic consistencies across epilepsies: a stereotactic-EEG informed high-resolution structural connectivity study. Brain, 2017, 140, 2639-2652.	7.6	77
62	Recollection of vivid memories after perirhinal region stimulations: synchronization in the theta range of spatially distributed brain areas. Neuropsychologia, 2005, 43, 1329-1337.	1.6	76
63	Interictal networks in Magnetoencephalography. Human Brain Mapping, 2014, 35, 2789-2805.	3.6	76
64	What is the concordance between the seizure onset zone and the irritative zone? A SEEG quantified study. Clinical Neurophysiology, 2016, 127, 1157-1162.	1.5	74
65	Computational modeling of high-frequency oscillations at the onset of neocortical partial seizures: From â€˜altered structureâ€™ to â€˜dysfunctionâ€™. NeuroImage, 2010, 52, 1109-1122.	4.2	70
66	Long-term consolidation of declarative memory: insight from temporal lobe epilepsy. Brain, 2011, 134, 816-831.	7.6	70
67	Electrical source imaging in cortical malformationâ€“related epilepsy: A prospective <scp>EEG</scp>â€<scp>SEEG</scp> concordance study. Epilepsia, 2014, 55, 918-932.	5.1	69
68	Antiâ€“tumor necrosis factor alpha therapy (adalimumab) in Rasmussen's encephalitis: An open pilot study. Epilepsia, 2016, 57, 956-966.	5.1	67
69	Intracranial EEG in the 21st Century. Epilepsy Currents, 2020, 20, 180-188.	0.8	65
70	Predicting and treating stressâ€induced vulnerability to epilepsy and depression. Annals of Neurology, 2015, 78, 128-136.	5.3	62
71	Safety and efficacy of Gamma Knife radiosurgery in hypothalamic hamartomas with severe epilepsies: A prospective trial in 48 patients and review of the literature. Epilepsia, 2017, 58, 60-71.	5.1	62
72	Epileptogenic networks in nodular heterotopia: A stereoelectroencephalography study. Epilepsia, 2017, 58, 2112-2123.	5.1	62

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73	Interictal spikes, fast ripples and seizures in partial epilepsies â€“ combining multiâ€level computational models with experimental data. European Journal of Neuroscience, 2012, 36, 2164-2177.	2.6	61
74	DÃ©jÃ-vu in temporal lobe epilepsy: Metabolic pattern of cortical involvement in patients with normal brain MRI. Neuropsychologia, 2010, 48, 2174-2181.	1.6	60
75	Rhinalâ€“hippocampal interactions during dÃ©jÃ vu. Clinical Neurophysiology, 2012, 123, 489-495.	1.5	60
76	Whole-brain analytic measures of network communication reveal increased structure-function correlation in right temporal lobe epilepsy. NeuroImage: Clinical, 2016, 11, 707-718.	2.7	60
77	Prognostic Factors for Childhood and Juvenile Absence Epilepsies. European Neurology, 1997, 37, 169-175.	1.4	59
78	Localization of Epileptogenic Zone on Pre-surgical Intracranial EEG Recordings: Toward a Validation of Quantitative Signal Analysis Approaches. Brain Topography, 2015, 28, 832-837.	1.8	58
79	What are the assets and weaknesses of HFO detectors? A benchmark framework based on realistic simulations. PLoS ONE, 2017, 12, e0174702.	2.5	57
80	Optimization of surgical intervention outside the epileptogenic zone in the Virtual Epileptic Patient (VEP). PLoS Computational Biology, 2019, 15, e1007051.	3.2	56
81	The effect of medial pulvinar stimulation on temporal lobe seizures. Epilepsia, 2019, 60, e25-e30.	5.1	56
82	Clinical, neuropsychological, and metabolic characteristics of transient epileptic amnesia syndrome. Epilepsia, 2014, 55, 699-706.	5.1	55
83	Dynamical Mechanisms of Interictal Resting-State Functional Connectivity in Epilepsy. Journal of Neuroscience, 2020, 40, 5572-5588.	3.6	55
84	Increase in mRNAs encoding neonatal II and III sodium channel Î±-isoforms during kainate-induced seizures in adult rat hippocampus. Molecular Brain Research, 1997, 44, 179-190.	2.3	53
85	Source localization of scalpâ€EEG interictal spikes in posterior cortex epilepsies investigated by HRâ€EEG and SEEG. Epilepsia, 2009, 50, 276-289.	5.1	53
86	One step closer to a global tool for rapid screening of major depression in epilepsy: Validation of the French NDDI-E. Epilepsy and Behavior, 2015, 44, 11-16.	1.7	53
87	¹⁸FDGâ€PET in different subtypes of temporal lobe epilepsy: SEEG validation and predictive value. Epilepsia, 2015, 56, 414-421.	5.1	52
88	The â€œProust phenomenonâ€• Odor-evoked autobiographical memories triggered by direct amygdala stimulation in human. Cortex, 2017, 90, 173-175.	2.4	52
89	The Global Workspace (GW) Theory of Consciousness and Epilepsy. Behavioural Neurology, 2011, 24, 67-74.	2.1	51
90	Does the Thalamo-Cortical Synchrony Play a Role in Seizure Termination?. Frontiers in Neurology, 2015, 6, 192.	2.4	51

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91	How does vagal nerve stimulation (VNS) change EEG brain functional connectivity?. Epilepsy Research, 2016, 126, 141-146.	1.6	51
92	The Ictal Signature of Thalamus and Basal Ganglia in Focal Epilepsy. Neurology, 2021, 96, e280-e293.	1.1	51
93	Simultaneous recording of MEG, EEG and intracerebral EEG during visual stimulation: From feasibility to single-trial analysis. NeuroImage, 2014, 99, 548-558.	4.2	49
94	Functional interactions in brain networks underlying epileptic seizures in bilateral diffuse periventricular heterotopia. Clinical Neurophysiology, 2008, 119, 212-223.	1.5	48
95	Brain regions and epileptogenicity influence epileptic interictal spike production and propagation during NREM sleep in comparison with wakefulness. Epilepsia, 2018, 59, 235-243.	5.1	48
96	Cryptogenic Partial Epilepsies with Anti-GM1 Antibodies: A New Form of Immune-Mediated Epilepsy?. Epilepsia, 1996, 37, 922-926.	5.1	47
97	Induction of a sense of bliss by electrical stimulation of the anterior insula. Cortex, 2013, 49, 2935-2937.	2.4	46
98	Interpretation of SEEG recordings. Neurophysiologie Clinique, 2018, 48, 53-57.	2.2	46
99	Neural Networks Underlying Epileptic Humming. Epilepsia, 2002, 43, 1001-1012.	5.1	45
100	Comparative Effectiveness of Stereotactic Electroencephalography Versus Subdural Grids in Epilepsy Surgery. Annals of Neurology, 2021, 90, 927-939.	5.3	45
101	Metabolic and Electrophysiological Alterations in Subtypes of Temporal Lobe Epilepsy: A Combined Proton Magnetic Resonance Spectroscopic Imaging and Depth Electrodes Study. Epilepsia, 2002, 43, 1197-1209.	5.1	44
102	Stereoelectroencephalography and surgical outcome in polymicrogyriaâ€related epilepsy: A multicentric study. Annals of Neurology, 2017, 82, 781-794.	5.3	43
103	Hypoxemia following generalized convulsive seizures. Neurology, 2019, 92, e183-e193.	1.1	43
104	Memory scrutinized through electrical brain stimulation: A review of 80 years of experiential phenomena. Neuroscience and Biobehavioral Reviews, 2017, 78, 161-177.	6.1	42
105	Dynamic Reconfiguration of Visuomotor-Related Functional Connectivity Networks. Journal of Neuroscience, 2017, 37, 839-853.	3.6	42
106	Abnormal binding and disruption in large scale networks involved in human partial seizures. EPJ Nonlinear Biomedical Physics, 2013, 1, .	0.8	41
107	Nodal approach reveals differential impact of lateralized focal epilepsies on hub reorganization. NeuroImage, 2015, 118, 39-48.	4.2	41
108	Stress regulation in drug-resistant epilepsy. Epilepsy and Behavior, 2017, 71, 39-50.	1.7	41

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109	Benign temporo-parieto-occipital junction epilepsy with vestibular disturbance: An underrecognized form of epilepsy?. Epilepsy and Behavior, 2011, 21, 412-416.	1.7	40
110	Alteration of global workspace during loss of consciousness: A study of parietal seizures. Epilepsia, 2012, 53, 2104-2110.	5.1	40
111	Beyond the lesion: The epileptogenic networks around cavernous angiomas. Epilepsy Research, 2014, 108, 701-708.	1.6	40
112	Localizing value of electrical source imaging: Frontal lobe, malformations of cortical development and negative MRI related epilepsies are the best candidates. NeuroImage: Clinical, 2017, 16, 319-329.	2.7	40
113	Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. Neurosurgery, 2018, 83, 217-225.	1.1	40
114	Time-Frequency Characterization of Interdependencies in Nonstationary Signals: Application to Epileptic EEG. IEEE Transactions on Biomedical Engineering, 2005, 52, 1218-1226.	4.2	38
115	Graph Measures of Node Strength for Characterizing Preictal Synchrony in Partial Epilepsy. Brain Connectivity, 2016, 6, 530-539.	1.7	38
116	Evaluating quality of life in epilepsy: The role of screening for adverse drug effects, depression, and anxiety. Epilepsy and Behavior, 2017, 75, 18-24.	1.7	38
117	Occipital and occipital â€œplusâ€•epilepsies: A study of involved epileptogenic networks through SEEG quantification. Epilepsy and Behavior, 2016, 62, 104-114.	1.7	37
118	How do cognition, emotion, and epileptogenesis meet? A study of emotional cognitive bias in temporal lobe epilepsy. Epilepsy and Behavior, 2009, 15, 218-224.	1.7	35
119	Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. American Journal of Human Genetics, 2021, 108, 965-982.	6.2	35
120	Distribution, Amplitude, Incidence, Co-Occurrence, and Propagation of Human K-Complexes in Focal Transcortical Recordings. ENeuro, 2015, 2, ENEURO.0028-15.2015.	1.9	35
121	Familial Epilepsy with Unilateral and Bilateral Malformations of Cortical Development. Epilepsia, 1999, 40, 47-51.	5.1	34
122	Skin conductance biofeedback training in adults with drug-resistant temporal lobe epilepsy and stress-triggered seizures: A proof-of-concept study. Epilepsy and Behavior, 2014, 41, 244-250.	1.7	34
123	The role of stereoelectroencephalography (SEEG) in reevaluation of epilepsy surgery failures. Epilepsy and Behavior, 2018, 81, 86-93.	1.7	34
124	Hippocampal Interictal Spikes during Sleep Impact Longâ€Term Memory Consolidation. Annals of Neurology, 2020, 87, 976-987.	5.3	34
125	KCNT1-related epilepsies and epileptic encephalopathies: phenotypic and mutational spectrum. Brain, 2021, 144, 3635-3650.	7.6	34
126	European Expert Opinion on ANT-DBS therapy for patients with drug-resistant epilepsy (a Delphi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.0	33

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127	Mining Reproducible Activation Patterns in Epileptic Intracerebral EEG Signals: Application to Interictal Activity. IEEE Transactions on Biomedical Engineering, 2004, 51, 304-315.	4.2	32
128	Reversible antisocial behavior in ventromedial prefrontal lobe epilepsy. Epilepsy and Behavior, 2013, 29, 367-373.	1.7	32
129	Simultaneous Intracranial EEG-fMRI Shows Inter-Modality Correlation in Time-Resolved Connectivity Within Normal Areas but Not Within Epileptic Regions. Brain Topography, 2017, 30, 639-655.	1.8	32
130	Epileptogenic networks in seizures arising from motor systems. Epilepsy Research, 2013, 106, 92-102.	1.6	31
131	Brain sodium MRI in human epilepsy: Disturbances of ionic homeostasis reflect the organization of pathological regions. NeuroImage, 2017, 157, 173-183.	4.2	31
132	Epileptogenicity in tuberous sclerosis complex: A stereoelectroencephalographic study. Epilepsia, 2020, 61, 81-95.	5.1	31
133	Relationship between PET metabolism and SEEG epileptogenicity in focal lesional epilepsy. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3130-3142.	6.4	31
134	Data-driven method to infer the seizure propagation patterns in an epileptic brain from intracranial electroencephalography. PLoS Computational Biology, 2021, 17, e1008689.	3.2	31
135	Computational Modeling of Epileptic Activity: From Cortical Sources to EEG Signals. Journal of Clinical Neurophysiology, 2010, 27, 465-470.	1.7	30
136	Orientation of Temporal Interference for Non-invasive Deep Brain Stimulation in Epilepsy. Frontiers in Neuroscience, 2021, 15, 633988.	2.8	30
137	Self-control of epileptic seizures by nonpharmacological strategies. Epilepsy and Behavior, 2016, 55, 157-164.	1.7	29
138	Panic Attacks Mistaken for Relapse of Epilepsy. Epilepsia, 1995, 36, 48-51.	5.1	28
139	The â€œConnectivity Epileptogenicity Index â€•(cEI), a method for mapping the different seizure onset patterns in StereoElectroEncephalography recorded seizures. Clinical Neurophysiology, 2020, 131, 1947-1955.	1.5	28
140	VEP atlas: An anatomic and functional human brain atlas dedicated to epilepsy patients. Journal of Neuroscience Methods, 2021, 348, 108983.	2.5	28
141	On seizure semiology. Epilepsia, 2021, 62, 2019-2035.	5.1	28
142	Virtual epileptic patient brain modeling: Relationships with seizure onset and surgical outcome. Epilepsia, 2022, 63, 1942-1955.	5.1	28
143	Hyperactivation of parahippocampal region and fusiform gyrus associated with successful encoding in medial temporal lobe epilepsy. Epilepsia, 2011, 52, 1100-1109.	5.1	27
144	Cortical involvement in focal epilepsies with epileptic spasms. Epilepsy Research, 2014, 108, 1572-1580.	1.6	27

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145	Electrophysiological study of the basal temporal language area: A convergence zone between language perception and production networks. Clinical Neurophysiology, 2009, 120, 539-550.	1.5	26
146	Subclinical Abnormal Gyration Pattern, a Potential Anatomic Marker of Epileptogenic Zone in Patients With Magnetic Resonance Imagingâ€“Negative Frontal Lobe Epilepsy. Neurosurgery, 2011, 69, 80-94.	1.1	26
147	Postictal electroencephalographic (<scp>EEG</scp>) suppression: A stereoâ€<scp>EEG</scp> study of 100 focal to bilateral tonicâ€“clonic seizures. Epilepsia, 2019, 60, 63-73.	5.1	26
148	Subthalamic Nucleus Stimulation Modulates Motor Epileptic Activity in Humans. Annals of Neurology, 2020, 88, 283-296.	5.3	26
149	Epilepsy and the cortical vestibular system: tales of dizziness and recent concepts. Frontiers in Integrative Neuroscience, 2013, 7, 73.	2.1	25
150	Simultaneous SEEG-MEG-EEG recordings Overcome the SEEG limited spatial sampling. Epilepsy Research, 2016, 128, 68-72.	1.6	25
151	Anatomoelectroclinical features of SEEG-confirmed pure insular-onset epilepsy. Epilepsy and Behavior, 2020, 105, 106964.	1.7	25
152	On the influence of prior information evaluated by fully Bayesian criteria in a personalized whole-brain model of epilepsy spread. PLoS Computational Biology, 2021, 17, e1009129.	3.2	25
153	The global workspace (GW) theory of consciousness and epilepsy. Behavioural Neurology, 2011, 24, 67-74.	2.1	25
154	MEG and EEG Sensitivity in a Case of Medial Occipital Epilepsy. Brain Topography, 2014, 27, 192-196.	1.8	24
155	Alteration of consciousness in focal epilepsy: The global workspace alteration theory. Epilepsy and Behavior, 2014, 30, 17-23.	1.7	22
156	Are high-frequency oscillations better biomarkers of the epileptogenic zone than spikes?. Current Opinion in Neurology, 2019, 32, 213-219.	3.6	22
157	Quantitative analysis of hyperkinetic seizures and correlation with seizure onset zone. Epilepsia, 2020, 61, 1019-1026.	5.1	22
158	The different patterns of seizure-induced aphasia in temporal lobe epilepsies. Epilepsy and Behavior, 2018, 78, 256-264.	1.7	21
159	Alcoholic Epilepsy: A Unified and Dynamic Classification. European Neurology, 1997, 37, 13-17.	1.4	20
160	Metabolic brain PET pattern underlying hyperkinetic seizures. Epilepsy Research, 2012, 101, 237-245.	1.6	20
161	Altered synchrony and loss of consciousness during frontal lobe seizures. Clinical Neurophysiology, 2016, 127, 1170-1175.	1.5	20
162	A case-control study of skin conductance biofeedback on seizure frequency and emotion regulation in drug-resistant temporal lobe epilepsy. International Journal of Psychophysiology, 2018, 123, 103-110.	1.0	20

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163	Ictal Magnetic Source Imaging in Presurgical Assessment. Brain Topography, 2016, 29, 182-192.	1.8	18
164	Identifying spatio-temporal seizure propagation patterns in epilepsy using Bayesian inference. Communications Biology, 2021, 4, 1244.	4.4	18
165	Antioxidant treatment after epileptogenesis onset prevents comorbidities in rats sensitized by a past stressful event. Epilepsia, 2019, 60, 648-655.	5.1	17
166	High-frequency oscillations and spikes running down after SEEG-guided thermocoagulations in the epileptogenic network of periventricular nodular heterotopia. Epilepsy Research, 2019, 150, 27-31.	1.6	17
167	Magnetic Source Imaging in Posterior Cortex Epilepsies. Brain Topography, 2015, 28, 162-171.	1.8	16
168	Epileptogenicity Maps of Intracerebral Fast Activities (60â€“100 Hz) at Seizure Onset in Epilepsy Surgery Candidates. Frontiers in Neurology, 2019, 10, 1263.	2.4	15
169	Accelerated longâ€term forgetting in focal epilepsy: Do interictal spikes during sleep matter?. Epilepsia, 2021, 62, 563-569.	5.1	15
170	Post-traumatic stress disorder (PTSD) in patients with epilepsy. Epilepsy and Behavior, 2021, 121, 108083.	1.7	15
171	Neural mass modeling of slow-fast dynamics of seizure initiation and abortion. PLoS Computational Biology, 2020, 16, e1008430.	3.2	15
172	Epileptogenesis due to Peripheral Injury as a Cause of Focal Epilepsy. Epilepsia, 2005, 46, 1252-1255.	5.1	14
173	Visual and semiautomated evaluation of epileptogenicity in focal cortical dysplasias â€” An intracranial EEG study. Epilepsy and Behavior, 2016, 58, 69-75.	1.7	14
174	DÃ©jÃ-rÃªvÃ©: Prior dreams induced by direct electrical brain stimulation. Brain Stimulation, 2018, 11, 875-885.	1.6	14
175	Illusory own body perceptions mapped in the cingulate cortexâ€”An intracranial stimulation study. Human Brain Mapping, 2019, 40, 2813-2826.	3.6	14
176	Respective Contribution of Ictal and Inter-ictal Electrical Source Imaging to Epileptogenic Zone Localization. Brain Topography, 2020, 33, 384-402.	1.8	14
177	Gamma Knife Radiosurgery of Paracentral Epilepsy. Stereotactic and Functional Neurosurgery, 2014, 92, 346-353.	1.5	13
178	Early onset motor semiology in seizures triggered by cortical stimulation during SEEG. Epilepsy and Behavior, 2018, 88, 262-267.	1.7	13
179	Epileptogenicity and surgical outcome in post stroke drug resistant epilepsy in children and adults. Epilepsy Research, 2019, 155, 106155.	1.6	13
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