

Andreas Schulze-Bonhage

List of Publications by Year in descending order

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259
papers

13,683
citations

31976

53
h-index

26613

107
g-index

282
all docs

282
docs citations

282
times ranked

11620
citing authors

#	ARTICLE	IF	CITATIONS
1	The clinicopathologic spectrum of focal cortical dysplasias: A consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission ¹ . <i>Epilepsia</i> , 2011, 52, 158-174.	5.1	1,454
2	Incidence and mechanisms of cardiorespiratory arrests in epilepsy monitoring units (MORTEMUS): a retrospective study. <i>Lancet Neurology</i> , The, 2013, 12, 966-977.	10.2	860
3	Instruction manual for the <scp>ILAE</scp> 2017 operational classification of seizure types. <i>Epilepsia</i> , 2017, 58, 531-542.	5.1	699
4	Gamma Oscillations Correlate with Working Memory Load in Humans. <i>Cerebral Cortex</i> , 2003, 13, 1369-1374.	2.9	658
5	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , 2017, 377, 1648-1656.	27.0	621
6	Hippocampal and Neocortical Gamma Oscillations Predict Memory Formation in Humans. <i>Cerebral Cortex</i> , 2006, 17, 1190-1196.	2.9	349
7	Neural Activity in Human Hippocampal Formation Reveals the Spatial Context of Retrieved Memories. <i>Science</i> , 2013, 342, 1111-1114.	12.6	269
8	Comparison of three nonlinear seizure prediction methods by means of the seizure prediction characteristic. <i>Physica D: Nonlinear Phenomena</i> , 2004, 194, 357-368.	2.8	254
9	Enhanced visualization of blurred gray-white matter junctions in focal cortical dysplasia by voxel-based 3D MRI analysis. <i>Epilepsy Research</i> , 2005, 67, 35-50.	1.6	237
10	Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. <i>American Journal of Human Genetics</i> , 2019, 105, 267-282.	6.2	237
11	Decoding natural grasp types from human ECoG. <i>NeuroImage</i> , 2012, 59, 248-260.	4.2	236
12	Focal cortical dysplasias: surgical outcome in 67 patients in relation to histological subtypes and dual pathology. <i>Brain</i> , 2004, 127, 2406-2418.	7.6	194
13	Clinical characteristics in focal cortical dysplasia: a retrospective evaluation in a series of 120 patients. <i>Brain</i> , 2006, 129, 1907-1916.	7.6	192
14	Detecting Epileptic Seizures in Long-term Human EEG: A New Approach to Automatic Online and Real-Time Detection and Classification of Polymorphic Seizure Patterns. <i>Journal of Clinical Neurophysiology</i> , 2008, 25, 119-131.	1.7	182
15	Hippocampal Gamma Oscillations Increase with Memory Load. <i>Journal of Neuroscience</i> , 2010, 30, 2694-2699.	3.6	182
16	Testing statistical significance of multivariate time series analysis techniques for epileptic seizure prediction. <i>Chaos</i> , 2006, 16, 013108.	2.5	165
17	A prospective, multicenter study of cardiac-based seizure detection to activate vagus nerve stimulation. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 32, 52-61.	2.0	161
18	Removing high-frequency oscillations. <i>Neurology</i> , 2018, 91, e1040-e1052.	1.1	158

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19	EPILEPSIAE – A European epilepsy database. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 106, 127-138.	4.7	153
20	Long-term seizure outcome in 211 patients with focal cortical dysplasia. <i>Epilepsia</i> , 2015, 56, 66-76.	5.1	146
21	The EPILEPSIAE database: An extensive electroencephalography database of epilepsy patients. <i>Epilepsia</i> , 2012, 53, 1669-1676.	5.1	127
22	Views of patients with epilepsy on seizure prediction devices. <i>Epilepsy and Behavior</i> , 2010, 18, 388-396.	1.7	126
23	The influence of antiepileptic drugs on cognition: A comparison of levetiracetam with topiramate. <i>Epilepsy and Behavior</i> , 2007, 10, 486-494.	1.7	125
24	Differentiation of specific ripple patterns helps to identify epileptogenic areas for surgical procedures. <i>Clinical Neurophysiology</i> , 2014, 125, 1339-1345.	1.5	124
25	High-grade Atrioventricular Block Triggered by Spontaneous and Stimulation-induced Epileptic Activity in the Left Temporal Lobe. <i>Epilepsia</i> , 2004, 45, 1640-1644.	5.1	123
26	Gamma Oscillations Distinguish True From False Memories. <i>Psychological Science</i> , 2007, 18, 927-932.	3.3	123
27	Early Seizure Detection Algorithm Based on Intracranial EEG and Random Forest Classification. <i>International Journal of Neural Systems</i> , 2015, 25, 1550023.	5.2	123
28	Machine-learning-based diagnostics of EEG pathology. <i>NeuroImage</i> , 2020, 220, 117021.	4.2	119
29	Wearable technology in epilepsy: The views of patients, caregivers, and healthcare professionals. <i>Epilepsy and Behavior</i> , 2018, 85, 141-149.	1.7	118
30	Human neocortical oscillations exhibit theta phase differences between encoding and retrieval. <i>NeuroImage</i> , 2006, 31, 1352-1358.	4.2	117
31	Temporal and spatial characteristics of high frequency oscillations as a new biomarker in epilepsy. <i>Epilepsia</i> , 2015, 56, 197-206.	5.1	113
32	Detection and Localization of Focal Cortical Dysplasia by Voxel-based 3D MRI Analysis. <i>Epilepsia</i> , 2002, 43, 596-602.	5.1	109
33	Heart cycle-related effects on event-related potentials, spectral power changes, and connectivity patterns in the human ECoG. <i>NeuroImage</i> , 2013, 81, 178-190.	4.2	109
34	Intrinsic excitability measures track antiepileptic drug action and uncover increasing/decreasing excitability over the wake/sleep cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14694-14699.	7.1	105
35	Epileptic seizure predictors based on computational intelligence techniques: A comparative study with 278 patients. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 324-336.	4.7	103
36	Do False Predictions of Seizures Depend on the State of Vigilance? A Report from Two Seizure-Prediction Methods and Proposed Remedies. <i>Epilepsia</i> , 2006, 47, 2058-2070.	5.1	97

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37	Automatic 80â€“250Hz â€œrippleâ€•high frequency oscillation detection in invasive subdural grid and strip recordings in epilepsy by a radial basis function neural network. <i>Clinical Neurophysiology</i> , 2012, 123, 1721-1731.	1.5	94
38	Probabilistic functional tractography of the human cortex revisited. <i>NeuroImage</i> , 2018, 181, 414-429.	4.2	94
39	A multicenter survey of clinical experiences with perampanel in real life in Germany and Austria. <i>Epilepsy Research</i> , 2014, 108, 986-988.	1.6	93
40	Epileptogenicity of cortical dysplasia in temporal lobe dual pathology: an electrophysiological study with invasive recordings. <i>Brain</i> , 2006, 129, 82-95.	7.6	91
41	Myoclonus in Epilepsy Patients with Anticonvulsive Add-On Therapy with Pregabalin. <i>Epilepsia</i> , 2001, 42, 790-792.	5.1	90
42	Brain stimulation as a neuromodulatory epilepsy therapy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 44, 169-175.	2.0	88
43	A taxonomy of seizure dynamotypes. <i>ELife</i> , 2020, 9, .	6.0	86
44	Forecasting cycles of seizure likelihood. <i>Epilepsia</i> , 2020, 61, 776-786.	5.1	76
45	Seizure anticipation by patients with focal and generalized epilepsy: A multicentre assessment of premonitory symptoms. <i>Epilepsy Research</i> , 2006, 70, 83-88.	1.6	75
46	What is the present-day EEG evidence for a preictal state?. <i>Epilepsy Research</i> , 2011, 97, 243-251.	1.6	75
47	Joining the benefits: Combining epileptic seizure prediction methods. <i>Epilepsia</i> , 2010, 51, 1598-1606.	5.1	70
48	Multi-focal occurrence of cortical dysplasia in epilepsy patients. <i>Brain</i> , 2009, 132, 2079-2090.	7.6	69
49	Selective amygdalohippocampectomy versus standard temporal lobectomy in patients with mesial temporal lobe epilepsy and unilateral hippocampal sclerosis. <i>Epilepsy Research</i> , 2013, 104, 94-104.	1.6	68
50	Epilepsy Surgery in the First 3 Years of Life: Predictors of Seizure Freedom and Cognitive Development. <i>Neurosurgery</i> , 2019, 84, E368-E377.	1.1	66
51	Seizure Diaries and Forecasting With Wearables: Epilepsy Monitoring Outside the Clinic. <i>Frontiers in Neurology</i> , 2021, 12, 690404.	2.4	63
52	Noninvasive Source Localization of Interictal EEG Spikes: Effects of Signal-to-Noise Ratio and Averaging. <i>Journal of Clinical Neurophysiology</i> , 2006, 23, 487-497.	1.7	60
53	Collaborating and Sharing Data in Epilepsy Research. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 235-239.	1.7	59
54	Tolerability, efficacy and retention rate of Brivaracetam in patients previously treated with Levetiracetam: A monocenter retrospective outcome analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 61, 98-103.	2.0	58

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55	Hippocampal theta phases organize the reactivation of large-scale electrophysiological representations during goal-directed navigation. <i>Science Advances</i> , 2019, 5, eaav8192.	10.3	56
56	Reoperation for Refractory Epilepsy in Childhood. <i>Neurosurgery</i> , 2013, 73, 695-704.	1.1	52
57	Frontal Lobe Epilepsy Surgery in Childhood and Adolescence: Predictors of Long-Term Seizure Freedom, Overall Cognitive and Adaptive Functioning. <i>Neurosurgery</i> , 2018, 83, 93-103.	1.1	52
58	Psychiatric comorbidity in patients with pharmacoresistant focal epilepsy and psychiatric outcome after epilepsy surgery. <i>Epilepsy and Behavior</i> , 2012, 23, 272-279.	1.7	51
59	Detection of Error Related Neuronal Responses Recorded by Electrocorticography in Humans during Continuous Movements. <i>PLoS ONE</i> , 2013, 8, e55235.	2.5	48
60	Fast fMRI provides high statistical power in the analysis of epileptic networks. <i>NeuroImage</i> , 2014, 88, 282-294.	4.2	48
61	Cognitive Functions in Juvenile and Adult Patients with Gelastic Epilepsy due to Hypothalamic Hamartoma. <i>Epilepsia</i> , 2006, 47, 153-158.	5.1	47
62	Seizure prediction: The impact of long prediction horizons. <i>Epilepsy Research</i> , 2007, 73, 213-217.	1.6	46
63	Effects of cannabidiol on brivaracetam plasma levels. <i>Epilepsia</i> , 2019, 60, e74-e77.	5.1	45
64	Signal quality and patient experience with wearable devices for epilepsy management. <i>Epilepsia</i> , 2020, 61, S25-S35.	5.1	45
65	230 days of ultra long-term subcutaneous EEG: seizure cycle analysis and comparison to patient diary. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 288-293.	3.7	45
66	A neural code for egocentric spatial maps in the human medial temporal lobe. <i>Neuron</i> , 2021, 109, 2781-2796.e10.	8.1	45
67	Long-term outcome in neurostimulation of epilepsy. <i>Epilepsy and Behavior</i> , 2019, 91, 25-29.	1.7	44
68	Somatotopic mapping of natural upper- and lower-extremity movements and speech production with high gamma electrocorticography. <i>NeuroImage</i> , 2013, 81, 164-177.	4.2	43
69	Latencies from intracranial seizure onset to ictal tachycardia: A comparison to surface <sc>EEG</sc> patterns and other clinical signs. <i>Epilepsia</i> , 2015, 56, 1639-1647.	5.1	43
70	Posterior cortex epilepsy surgery in childhood and adolescence: Predictors of long-term seizure outcome. <i>Epilepsia</i> , 2017, 58, 412-419.	5.1	42
71	Physiological Ripples Associated with Sleep Spindles Differ in Waveform Morphology from Epileptic Ripples. <i>International Journal of Neural Systems</i> , 2017, 27, 1750011.	5.2	42
72	Hexadirectional Modulation of Theta Power in Human Entorhinal Cortex during Spatial Navigation. <i>Current Biology</i> , 2018, 28, 3310-3315.e4.	3.9	42

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73	Spread of ictal activity in focal epilepsy. <i>Epilepsia</i> , 2008, 49, 1594-1601.	5.1	41
74	Predominance of Movement Speed Over Direction in Neuronal Population Signals of Motor Cortex: Intracranial EEG Data and A Simple Explanatory Model. <i>Cerebral Cortex</i> , 2016, 26, 2863-2881.	2.9	40
75	Multicenter Validation of a Deep Learning Detection Algorithm for Focal Cortical Dysplasia. <i>Neurology</i> , 2021, 97, e1571-e1582.	1.1	39
76	Surgical Treatment of Mesiotemporal Lobe Epilepsy: Which Approach is Favorable?. <i>Neurosurgery</i> , 2017, 81, 992-1004.	1.1	38
77	Termination of seizure clusters is related to the duration of focal seizures. <i>Epilepsia</i> , 2016, 57, 889-895.	5.1	37
78	A Comparison of Machine Learning Classifiers for Energy-Efficient Implementation of Seizure Detection. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 43.	2.5	35
79	A brain atlas of axonal and synaptic delays based on modelling of cortico-cortical evoked potentials. <i>Brain</i> , 2022, 145, 1653-1667.	7.6	34
80	Visual field defects following different resective procedures for mesiotemporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2017, 76, 39-45.	1.7	33
81	The role of high-quality EEG databases in the improvement and assessment of seizure prediction methods. <i>Epilepsy and Behavior</i> , 2011, 22, S88-S93.	1.7	31
82	Dacrystic seizures: Demographic, semiologic, and etiologic insights from a multicenter study in long-term video-EEG monitoring units. <i>Epilepsia</i> , 2012, 53, 1810-1819.	5.1	31
83	Pharmacokinetic and pharmacodynamic profile of pregabalin and its role in the treatment of epilepsy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 105-115.	3.3	31
84	The dynamics of error processing in the human brain as reflected by high-gamma activity in noninvasive and intracranial EEG. <i>NeuroImage</i> , 2018, 173, 564-579.	4.2	31
85	Non-invasive wearable seizure detection using long-short-term memory networks with transfer learning. <i>Journal of Neural Engineering</i> , 2021, 18, 056017.	3.5	31
86	Interictal spikes with and without high-frequency oscillation have different single-neuron correlates. <i>Brain</i> , 2021, 144, 3078-3088.	7.6	30
87	Zonisamide in the treatment of epilepsy. <i>Expert Opinion on Pharmacotherapy</i> , 2010, 11, 115-126.	1.8	28
88	Selective amygdalohippocampectomy versus standard temporal lobectomy in patients with mesiotemporal lobe epilepsy and unilateral hippocampal sclerosis: post-operative facial emotion recognition abilities. <i>Epilepsy Research</i> , 2015, 111, 26-32.	1.6	28
89	Quantifying antiepileptic drug effects using intrinsic excitability measures. <i>Epilepsia</i> , 2016, 57, e210-e215.	5.1	28
90	Scalp electroencephalographic biomarkers in epilepsy patients with focal cortical dysplasia. <i>Annals of Neurology</i> , 2018, 84, 564-575.	5.3	28

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91	Surgical Treatment of Extratemporal Epilepsy: Results and Prognostic Factors. <i>Neurosurgery</i> , 2019, 84, 242-252.	1.1	28
92	The Preoperative Evaluation and Surgical Treatment of Epilepsy. <i>Deutsches A&#x0308;rztblatt International</i> , 2014, 111, 313-9.	0.9	27
93	Cognitive and behavioral comorbidities in Rolandic epilepsy and their relation with default mode network's functional connectivity and organization. <i>Epilepsy and Behavior</i> , 2018, 78, 179-186.	1.7	27
94	Long-term seizure outcome in pediatric patients with focal cortical dysplasia undergoing tailored and standard surgical resections. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 62, 66-73.	2.0	27
95	The power of ECG in multimodal patientâ€specific seizure monitoring: Added value to an EEGâ€based detector using limited channels. <i>Epilepsia</i> , 2021, 62, 2333-2343.	5.1	27
96	Reactivated Spatial Context Guides Episodic Recall. <i>Journal of Neuroscience</i> , 2020, 40, 2119-2128.	3.6	26
97	Association between seizure freedom and default mode network reorganization in patients with unilateral temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2019, 90, 238-246.	1.7	24
98	Wearable devices for seizure detection: Practical experiences and recommendations from the Wearables for Epilepsy And Research (WEAR) International Study Group. <i>Epilepsia</i> , 2021, 62, 2307-2321.	5.1	24
99	Neurolinguistic and machine-learning perspectives on direct speech BCIs for restoration of naturalistic communication. <i>Brain-Computer Interfaces</i> , 2017, 4, 186-199.	1.8	23
100	Big data in epilepsy: Clinical and research considerations. Report from the Epilepsy Big Data Task Force of the International League Against Epilepsy. <i>Epilepsia</i> , 2020, 61, 1869-1883.	5.1	23
101	Longâ€term addâ€on pregabalin treatment in patients with partialâ€onset epilepsy: Pooled analysis of openâ€label clinical trials. <i>Epilepsia</i> , 2010, 51, 968-978.	5.1	22
102	Are prodromes preictal events? A prospective PDA-based study. <i>Epilepsy and Behavior</i> , 2011, 21, 184-188.	1.7	22
103	Anticipating the unobserved: Prediction of subclinical seizures. <i>Epilepsy and Behavior</i> , 2011, 22, S119-S126.	1.7	22
104	Memory outcome one year after stereotactic interstitial radiosurgery in patients with epilepsy due to hypothalamic hamartomas. <i>Epilepsy and Behavior</i> , 2014, 37, 204-209.	1.7	22
105	A long-term noninterventional safety study of adjunctive lacosamide therapy in patients with epilepsy and uncontrolled partial-onset seizures. <i>Epilepsy and Behavior</i> , 2016, 58, 35-43.	1.7	22
106	Efficacy and Tolerance of Synthetic Cannabidiol for Treatment of Drug Resistant Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 1313.	2.4	22
107	Signal quality and power spectrum analysis of remote ultra longâ€term subcutaneous EEG. <i>Epilepsia</i> , 2021, 62, 1820-1828.	5.1	22
108	Treatment Options for Gelastic Epilepsy Due to Hypothalamic Hamartoma: Interstitial Radiosurgery. <i>Seminars in Pediatric Neurology</i> , 2007, 14, 80-87.	2.0	21

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109	Identification of Preseizure States in Epilepsy: A Data-Driven Approach for Multichannel EEG Recordings. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 32.	2.1	21
110	Deep Brain Stimulation as a New Treatment for Epilepsy. <i>Deutsches A&#x0308;rztblatt International</i> , 2009, 106, 407-12.	0.9	21
111	Day and night comfort and stability on the body of four wearable devices for seizure detection: A direct user-experience. <i>Epilepsy and Behavior</i> , 2020, 112, 107478.	1.7	20
112	Long-term outcome characteristics in mesial temporal lobe epilepsy with and without associated cortical dysplasia. <i>Epilepsy Research</i> , 2016, 126, 147-156.	1.6	19
113	Characterization of focal cortical dysplasia with balloon cells by layerâ€specific markers: Evidence for differential vulnerability of interneurons. <i>Epilepsia</i> , 2017, 58, 635-645.	5.1	19
114	Morphometric MRI Analysis: Improved Detection of Focal Cortical Dysplasia Using the MP2RAGE Sequence. <i>American Journal of Neuroradiology</i> , 2020, 41, 1009-1014.	2.4	19
115	Which seizure elements do patients memorize? A comparison of history and seizure documentation. <i>Epilepsia</i> , 2020, 61, 1365-1375.	5.1	19
116	PIMIDES I: a pilot study to assess the feasibility of patient-controlled neurostimulation with the EASEEÂ® system to treat medically refractory focal epilepsy. <i>Neurological Research and Practice</i> , 2020, 2, 15.	2.0	19
117	Latencies to First Typical Generalized Spike-Wave Discharge in Idiopathic Generalized Epilepsies During Video-EEG Monitoring. <i>Journal of Clinical Neurophysiology</i> , 2010, 27, 1-6.	1.7	18
118	Premonitory features and seizure self-prediction: Artifact or real?. <i>Epilepsy Research</i> , 2011, 97, 231-235.	1.6	18
119	Brivaracetam for the treatment of epilepsy. <i>Expert Opinion on Pharmacotherapy</i> , 2011, 12, 1959-1966.	1.8	18
120	From speech to thought: the neuronal basis of cognitive units in non-experimental, real-life communication investigated using ECoG. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 383.	2.0	18
121	Perampanel for epilepsy with partial-onset seizures: a pharmacokinetic and pharmacodynamic evaluation. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1329-1337.	3.3	18
122	Highâ€frequency oscillations mirror severity of human temporal lobe seizures. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2479-2488.	3.7	18
123	Changes in intracortical excitability after successful epilepsy surgery. <i>Epilepsy Research</i> , 2008, 79, 55-62.	1.6	17
124	Mirthful gelastic seizures with ictal involvement of temporobasal regions. <i>Epileptic Disorders</i> , 2009, 11, 82-86.	1.3	17
125	Early experiences with tachycardiaâ€triggered vagus nerve stimulation using the AspireSR stimulator. <i>Epileptic Disorders</i> , 2016, 18, 155-162.	1.3	17
126	Seizure onset predicts its type. <i>Epilepsia</i> , 2018, 59, 650-660.	5.1	17

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127	Early Seizure Detection with an Energy-Efficient Convolutional Neural Network on an Implantable Microcontroller. , 2018, , .		17
128	Controversies on the network theory of epilepsy: Debates held during the ICTALS 2019 conference. Seizure: the Journal of the British Epilepsy Association, 2020, 78, 78-85.	2.0	17
129	Intracranial electroencephalography reveals two distinct similarity effects during item recognition. Brain Research, 2009, 1299, 33-44.	2.2	16
130	Whole Transcriptome Screening Reveals Myelination Deficits in Dysplastic Human Temporal Neocortex. Cerebral Cortex, 2017, 27, bhv346.	2.9	16
131	A single channel sleep-spindle detector based on multivariate classification of EEG epochs: MUSSDET. Journal of Neuroscience Methods, 2018, 297, 31-43.	2.5	16
132	MRI-Based Machine Learning Prediction Framework to Lateralize Hippocampal Sclerosis in Patients With Temporal Lobe Epilepsy. Neurology, 2021, 97, e1583-e1593.	1.1	16
133	Seizure forecasting using minimally invasive, ultra-long-term subcutaneous electroencephalography: Individualized inpatient models. Epilepsia, 2023, 64, .	5.1	16
134	Statistical validation of event predictors: A comparative study based on the field of seizure prediction. Physical Review E, 2011, 83, 066704.	2.1	15
135	Cannabidiol for Treatment of Childhood Epilepsy—A Cross-Sectional Survey. Frontiers in Neurology, 2018, 9, 731.	2.4	15
136	Large-scale cortical travelling waves predict localized future cortical signals. PLoS Computational Biology, 2019, 15, e1007316.	3.2	15
137	2017 International League Against Epilepsy classifications of seizures and epilepsy are steps in the right direction. Epilepsia, 2019, 60, 1040-1044.	5.1	15
138	Low-frequency electrical stimulation reduces cortical excitability in the human brain. NeuroImage: Clinical, 2021, 31, 102778.	2.7	15
139	Concordance of Epileptic Networks Associated with Epileptic Spikes Measured by High-Density EEG and Fast fMRI. PLoS ONE, 2015, 10, e0140537.	2.5	15
140	Detecting Tonic-Clonic Seizures in Multimodal Biosignal Data From Wearables: Methodology Design and Validation. JMIR MHealth and UHealth, 2021, 9, e27674.	3.7	14
141	Third International Congress on Epilepsy, Brain and Mind: Part 1. Epilepsy and Behavior, 2015, 50, 116-137.	1.7	13
142	Transylvian Selective Amygdalohippocampectomy for Mesiotemporal Epilepsy: Experience with 162 Procedures. Neurosurgery, 2017, 80, 454-464.	1.1	13
143	A 2017 review of pharmacotherapy for treating focal epilepsy: where are we now and how will treatment develop?. Expert Opinion on Pharmacotherapy, 2017, 18, 1845-1853.	1.8	13
144	Oligodendrocyte lineage and myelination are compromised in the gray matter of focal cortical dysplasia type IIa. Epilepsia, 2020, 61, 171-184.	5.1	13

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145	Diagnostic yield and limitations of in-hospital documentation in patients with epilepsy. <i>Epilepsia</i> , 2023, 64, .	5.1	13
146	A common strategy and database to compare the performance of seizure prediction algorithms. <i>Epilepsy and Behavior</i> , 2010, 17, 154-156.	1.7	12
147	Local brain activity persists during apparently generalized postictal EEG suppression. <i>Epilepsy and Behavior</i> , 2016, 62, 218-224.	1.7	12
148	In vivo-assessment of the human temporal network: Evidence for asymmetrical effective connectivity. <i>NeuroImage</i> , 2020, 214, 116769.	4.2	12
149	Effect of Cannabidiol on Interictal Epileptiform Activity and Sleep Architecture in Children with Intractable Epilepsy: A Prospective Open-Label Study. <i>CNS Drugs</i> , 2021, 35, 1207-1215.	5.9	12
150	Does early postoperative drug regimen impact seizure control in patients undergoing temporal lobe resections?. <i>Journal of Neurology</i> , 2018, 265, 500-509.	3.6	11
151	Hardware Implementation of a Performance and Energy-optimized Convolutional Neural Network for Seizure Detection. , 2018, 2018, 2268-2271.		11
152	Post-ictal accelerometer silence as a marker of post-ictal immobility. <i>Epilepsia</i> , 2020, 61, 1397-1405.	5.1	11
153	Genetic testing before epilepsy surgery – An exploratory survey and case collection from German epilepsy centers. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, 95, 4-10.	2.0	11
154	Detection of interictal epileptiform discharges in an extended scalp EEG array and high-density EEG – A prospective multicenter study. <i>Epilepsia</i> , 2022, 63, 1619-1629.	5.1	11
155	Seizure forecasting using minimally invasive, ultra-long-term subcutaneous EEG: Generalizable cross-patient models. <i>Epilepsia</i> , 2023, 64, .	5.1	11
156	Electrical stimulation for cortical mapping reduces the density of high frequency oscillations. <i>Epilepsy Research</i> , 2014, 108, 1758-1769.	1.6	10
157	Perampanel in the management of partial-onset seizures: a review of safety, efficacy, and patient acceptability. <i>Patient Preference and Adherence</i> , 2015, 9, 1143.	1.8	10
158	Electrical Stimulation of the Human Cerebral Cortex by Extracranial Muscle Activity: Effect Quantification With Intracranial EEG and FEM Simulations. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2552-2563.	4.2	10
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