

Mark P Richardson

List of Publications by Year in Descending Order

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

208
papers

8,635
citations

53
h-index

86
g-index

235
ext. papers

10,651
ext. citations

6.1
avg, IF

6.16
L-index

#	Paper	IF	Citations
208	Spontaneous and TMS-related EEG changes as new biomarkers to measure anti-epileptic drug effects.. <i>Scientific Reports</i> , 2022 , 12, 1919	4.9	1
207	Sex-specific disease modifiers in juvenile myoclonic epilepsy.. <i>Scientific Reports</i> , 2022 , 12, 2785	4.9	3
206	Psychological and demographic characteristics of 368 patients with dissociative seizures: data from the CODES cohort. <i>Psychological Medicine</i> , 2021 , 51, 2433-2445	6.9	11
205	Ambulatory seizure forecasting with a wrist-worn device using long-short term memory deep learning. <i>Scientific Reports</i> , 2021 , 11, 21935	4.9	3
204	Evaluation of absences and myoclonic seizures in adults with genetic (idiopathic) generalized epilepsy: a comparison between self-evaluation and objective evaluation based on home video-EEG telemetry. <i>Epileptic Disorders</i> , 2021 , 23, 719-732	1.9	0
203	Multiday cycles of heart rate are associated with seizure likelihood: An observational cohort study. <i>EBioMedicine</i> , 2021 , 72, 103619	8.8	2
202	Epilepsy and mortality: a retrospective cohort analysis with a nested case-control study identifying causes and risk factors from primary care and linkage-derived data. <i>BMJ Open</i> , 2021 , 11, e052841	3	0
201	Remote and Long-Term Self-Monitoring of Electroencephalographic and Noninvasive Measurable Variables at Home in Patients With Epilepsy (EEG@HOME): Protocol for an Observational Study. <i>JMIR Research Protocols</i> , 2021 , 10, e25309	2	4
200	Neurodevelopmental origins of self-limiting rolandic epilepsy: Systematic review of MR imaging studies. <i>Epilepsia Open</i> , 2021 , 6, 310-322	4	1
199	Non-invasive wearable seizure detection using long-short-term memory networks with transfer learning. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	6
198	Digital semiology and time-evolution pattern of bio-signals in focal onset motor seizures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 87, 114-120	3.2	2
197	Cognitive-behavioural therapy compared with standardised medical care for adults with dissociative non-epileptic seizures: the CODES RCT. <i>Health Technology Assessment</i> , 2021 , 25, 1-144	4.4	3
196	Forecasting Seizure Likelihood With Wearable Technology. <i>Frontiers in Neurology</i> , 2021 , 12, 704060	4.1	7
195	Seizure Diaries and Forecasting With Wearables: Epilepsy Monitoring Outside the Clinic. <i>Frontiers in Neurology</i> , 2021 , 12, 690404	4.1	5
194	Multi-domain clinical natural language processing with MedCAT: The Medical Concept Annotation Toolkit. <i>Artificial Intelligence in Medicine</i> , 2021 , 117, 102083	7.4	13
193	Trait impulsivity in Juvenile Myoclonic Epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 138-152	5.3	9
192	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	5.3	15

191	Invited Review: The spectrum of neuropathology in COVID-19. <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 3-16	5.2	56
190	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021 , 31, 102765	5.3	8
189	Detecting Tonic-Clonic Seizures in Multimodal Biosignal Data From Wearables: Methodology Design and Validation. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e27674	5.5	1
188	Signal quality and power spectrum analysis of remote ultra long-term subcutaneous EEG. <i>Epilepsia</i> , 2021 , 62, 1820-1828	6.4	3
187	Machine learning-enabled multitrust audit of stroke comorbidities using natural language processing. <i>European Journal of Neurology</i> , 2021 , 28, 4090-4097	6	1
186	Functional Connectivity of the Anterior Nucleus of the Thalamus in Pediatric Focal Epilepsy. <i>Frontiers in Neurology</i> , 2021 , 12, 670881	4.1	4
185	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	6.4	5
184	Epileptic Seizure Cycles: Six Common Clinical Misconceptions. <i>Frontiers in Neurology</i> , 2021 , 12, 720328	4.1	1
183	Seizure Forecasting Using a Novel Sub-Scalp Ultra-Long Term EEG Monitoring System. <i>Frontiers in Neurology</i> , 2021 , 12, 713794	4.1	5
182	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2021 ,	5.2	2
181	Identification of Ictal Tachycardia in Focal Motor- and Non-Motor Seizures by Means of a Wearable PPG Sensor. <i>Sensors</i> , 2021 , 21,	3.8	1
180	Cycles of self-reported seizure likelihood correspond to yield of diagnostic epilepsy monitoring. <i>Epilepsia</i> , 2021 , 62, 416-425	6.4	8
179	Seizure detection at home: Do devices on the market match the needs of people living with epilepsy and their caregivers?. <i>Epilepsia</i> , 2020 , 61 Suppl 1, S11-S24	6.4	26
178	Post-ictal accelerometer silence as a marker of post-ictal immobility. <i>Epilepsia</i> , 2020 , 61, 1397-1405	6.4	6
177	Signal quality and patient experience with wearable devices for epilepsy management. <i>Epilepsia</i> , 2020 , 61 Suppl 1, S25-S35	6.4	18
176	Forecasting cycles of seizure likelihood. <i>Epilepsia</i> , 2020 , 61, 776-786	6.4	36
175	Postictal generalized EEG suppression and postictal immobility: what do we know?. <i>Epileptic Disorders</i> , 2020 , 22, 245-251	1.9	6
174	Imaging epilepsy in larval zebrafish. <i>European Journal of Paediatric Neurology</i> , 2020 , 24, 70-80	3.8	14

173	Dynamic network properties of the interictal brain determine whether seizures appear focal or generalised. <i>Scientific Reports</i> , 2020 , 10, 7043	4.9	10
172	Heritability of alpha and sensorimotor network changes in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 667-676	5.3	6
171	Remote Assessment of Disease and Relapse in Epilepsy: Protocol for a Multicenter Prospective Cohort Study. <i>JMIR Research Protocols</i> , 2020 , 9, e21840	2	3
170	Neural diffusivity and pre-emptive epileptic seizure intervention. <i>PLoS Computational Biology</i> , 2020 , 16, e1008448	5	
169	Cognitive behavioural therapy for adults with dissociative seizures (CODES): a pragmatic, multicentre, randomised controlled trial. <i>Lancet Psychiatry</i> , 2020 , 7, 491-505	23.3	92
168	Patients' experience of wearing multimodal sensor devices intended to detect epileptic seizures: A qualitative analysis. <i>Epilepsy and Behavior</i> , 2020 , 102, 106717	3.2	21
167	Computational modelling in source space from scalp EEG to inform presurgical evaluation of epilepsy. <i>Clinical Neurophysiology</i> , 2020 , 131, 225-234	4.3	16
166	Past, Present and Future of Home video-electroencephalographic telemetry: A review of the development of in-home video-electroencephalographic recordings. <i>Epilepsia</i> , 2020 , 61 Suppl 1, S3-S10	6.4	8
165	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020 , 6,	14.3	18
164	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	3.2	7
163	Patients self-mastery of wearable devices for seizure detection: A direct user-experience. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020 , 81, 236-240	3.2	5
162	A new era in electroencephalographic monitoring? Subscalp devices for ultra-long-term recordings. <i>Epilepsia</i> , 2020 , 61, 1805-1817	6.4	36
161	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
160	Abnormal microscale neuronal connectivity triggered by a proprioceptive stimulus in dystonia. <i>Scientific Reports</i> , 2020 , 10, 20758	4.9	2
159	Hiding in Plain Sight: Functional Neurological Disorders in the News. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019 , 31, 361-367	2.7	11
158	Perampanel for the treatment of epilepsy; Longitudinal actuarial analysis and dose responses based on monthly outcomes. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019 , 69, 125-132	3.2	8
157	Slower alpha rhythm associates with poorer seizure control in epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 333-343	5.3	21
156	Sensorimotor network hypersynchrony as an endophenotype in families with genetic generalized epilepsy: A resting-state functional magnetic resonance imaging study. <i>Epilepsia</i> , 2019 , 60, e14-e19	6.4	5

155	Revealing epilepsy type using a computational analysis of interictal EEG. <i>Scientific Reports</i> , 2019 , 9, 10162-9	2.9	9
154	TMS as a pharmacodynamic indicator of cortical activity of a novel anti-epileptic drug, XEN1101. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 2164-2174	5.3	7
153	Quantification and Selection of Ictogenic Zones in Epilepsy Surgery. <i>Frontiers in Neurology</i> , 2019 , 10, 1045	4.1	10
152	Characteristics of 698 patients with dissociative seizures: A UK multicenter study. <i>Epilepsia</i> , 2019 , 60, 2182-2193	6.4	28
151	Using multimodal biosignal data from wearables to detect focal motor seizures in individual epilepsy patients 2019 ,		4
150	Background EEG Connectivity Captures the Time-Course of Epileptogenesis in a Mouse Model of Epilepsy. <i>ENeuro</i> , 2019 , 6,	3.9	7
149	Investigating imaging network markers of cognitive dysfunction and pharmacoresistance in newly diagnosed epilepsy: a protocol for an observational cohort study in the UK. <i>BMJ Open</i> , 2019 , 9, e034347	3	3
148	Tensor decomposition of TMS-induced EEG oscillations reveals data-driven profiles of antiepileptic drug effects. <i>Scientific Reports</i> , 2019 , 9, 17057	4.9	3
147	Cross-subject network investigation of the EEG microstructure: A sleep spindles study. <i>Journal of Neuroscience Methods</i> , 2019 , 312, 16-26	3	1
146	Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study. <i>Epilepsia</i> , 2019 , 60, e1-e5	6.4	8
145	Hippocampal subfield segmentation in temporal lobe epilepsy: Relation to outcomes. <i>Acta Neurologica Scandinavica</i> , 2018 , 137, 598-608	3.8	12
144	Pre-ictal heart rate changes: A systematic review and meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018 , 55, 48-56	3.2	31
143	Commentary: Giuseppe Campani (1635-1715, Rome, Italy): the First Use of a Microscope in Medicine and Surgery. <i>Neurosurgery</i> , 2018 , 82, E58-E64	3.2	
142	Long-interval intracortical inhibition as biomarker for epilepsy: a transcranial magnetic stimulation study. <i>Brain</i> , 2018 , 141, 409-421	11.2	13
141	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018 , 141, 391-408	11.2	187
140	The effectiveness of a group self-management education course for adults with poorly controlled epilepsy, SMILE (UK): A randomized controlled trial. <i>Epilepsia</i> , 2018 , 59, 1048-1061	6.4	14
139	Elevated Ictal Brain Network Ictogenicity Enables Prediction of Optimal Seizure Control. <i>Frontiers in Neurology</i> , 2018 , 9, 98	4.1	20
138	Seizure prediction - ready for a new era. <i>Nature Reviews Neurology</i> , 2018 , 14, 618-630	15	157

137	Self-Management education for adults with poorly controlled epilepsy [SMILE (UK)]: a randomised controlled trial. <i>Health Technology Assessment</i> , 2018 , 22, 1-142	4.4	17
136	Do neurologists around the world agree when diagnosing epilepsy? - Results of an international EpiNet study. <i>Epilepsy Research</i> , 2018 , 139, 43-50	3	1
135	Thalamic volume reduction in drug-naive patients with new-onset genetic generalized epilepsy. <i>Epilepsia</i> , 2018 , 59, 226-234	6.4	28
134	Dynamic brain network states in human generalized spike-wave discharges. <i>Brain</i> , 2018 , 141, 2981-2994	11.2	28
133	Ictal hypoxemia: A systematic review and meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018 , 63, 7-13	3.2	12
132	Encoding of long-term associations through neural unitization in the human medial temporal lobe. <i>Nature Communications</i> , 2018 , 9, 4372	17.4	24
131	Wearable technology in epilepsy: The views of patients, caregivers, and healthcare professionals. <i>Epilepsy and Behavior</i> , 2018 , 85, 141-149	3.2	78
130	Cortical excitability correlates with seizure control and epilepsy duration in chronic epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2017 , 4, 87-97	5.3	20
129	Automated tractography in patients with temporal lobe epilepsy using TRActs Constrained by UnderLying Anatomy (TRACULA). <i>NeuroImage: Clinical</i> , 2017 , 14, 67-76	5.3	19
128	Decreased functional connectivity within a language subnetwork in benign epilepsy with centrotemporal spikes. <i>Epilepsia Open</i> , 2017 , 2, 214-225	4	11
127	Computer models to inform epilepsy surgery strategies: prediction of postoperative outcome. <i>Brain</i> , 2017 , 140, e30	11.2	11
126	Characteristics associated with quality of life among people with drug-resistant epilepsy. <i>Journal of Neurology</i> , 2017 , 264, 1174-1184	5.5	49
125	An optimal strategy for epilepsy surgery: Disruption of the rich-club?. <i>PLoS Computational Biology</i> , 2017 , 13, e1005637	5	47
124	EpiNet as a way of involving more physicians and patients in epilepsy research: Validation study and accreditation process. <i>Epilepsia Open</i> , 2017 , 2, 20-31	4	4
123	Cognitive behavioural therapy versus standardised medical care for adults with Dissociative non-Epileptic Seizures (CODES): statistical and economic analysis plan for a randomised controlled trial. <i>Trials</i> , 2017 , 18, 258	2.8	12
122	Lamotrigine and levetiracetam exert a similar modulation of TMS-evoked EEG potentials. <i>Epilepsia</i> , 2017 , 58, 42-50	6.4	26
121	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. <i>Brain</i> , 2017 , 140, 68-82	11.2	67
120	Topography of generalized periodic epileptiform discharges in postanoxic nonconvulsive status epilepticus. <i>Epilepsia Open</i> , 2017 , 2, 472-475	4	3

119	The Effect of Lamotrigine and Levetiracetam on TMS-Evoked EEG Responses Depends on Stimulation Intensity. <i>Frontiers in Neuroscience</i> , 2017 , 11, 585	5.1	16
118	Improving classification of epileptic and non-epileptic EEG events by feature selection. <i>Neurocomputing</i> , 2016 , 171, 576-585	5.4	31
117	A computational biomarker of idiopathic generalized epilepsy from resting state EEG. <i>Epilepsia</i> , 2016 , 57, e200-e204	6.4	30
116	Hippocampal internal architecture and postoperative seizure outcome in temporal lobe epilepsy due to hippocampal sclerosis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016 , 35, 65-71	3.2	8
115	Estimation of brain network ictogenicity predicts outcome from epilepsy surgery. <i>Scientific Reports</i> , 2016 , 6, 29215	4.9	93
114	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016 , 6, 23153	4.9	35
113	Morphometric MRI alterations and postoperative seizure control in refractory temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015 , 36, 1637-47	5.9	45
112	Bringing memory fMRI to the clinic: comparison of seven memory fMRI protocols in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015 , 36, 1595-608	5.9	18
111	Thalamotemporal alteration and postoperative seizures in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2015 , 77, 760-74	9.4	75
110	Presurgical entorhinal cortex volume and postoperative seizure outcome in temporal lobe epilepsy. <i>Lancet, The</i> , 2015 , 385 Suppl 1, S34	4.0	1
109	Motor evoked potential polyphasia: a novel endophenotype of idiopathic generalized epilepsy. <i>Neurology</i> , 2015 , 84, 1301-7	6.5	11
108	COgnitive behavioural therapy vs standardised medical care for adults with Dissociative non-Epileptic Seizures (CODES): a multicentre randomised controlled trial protocol. <i>BMC Neurology</i> , 2015 , 15, 98	3.1	65
107	Investigation of glutamine and GABA levels in patients with idiopathic generalized epilepsy using MEGAPRESS. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 694-9	5.6	38
106	Single-cell recordings in the human medial temporal lobe. <i>Journal of Anatomy</i> , 2015 , 227, 394-408	2.9	30
105	Self-management education for adults with poorly controlled epilepsy (SMILE (UK)): statistical, economic and qualitative analysis plan for a randomised controlled trial. <i>Trials</i> , 2015 , 16, 269	2.8	14
104	White Matter Connectivity of the Thalamus Delineates the Functional Architecture of Competing Thalamocortical Systems. <i>Cerebral Cortex</i> , 2015 , 25, 4477-89	5.1	41
103	Single Pulse Electrical Stimulation Identifies Epileptogenicity in a Case With Subcortical Nodular Heterotopia and MRI Negative Epilepsy. <i>Brain Stimulation</i> , 2015 , 8, 672-4	5.1	0
102	Seizure detection using EEG and ECG signals for computer-based monitoring, analysis and management of epileptic patients. <i>Expert Systems With Applications</i> , 2015 , 42, 3227-3233	7.8	39

101	Active dendritic cell immunotherapy for glioblastoma: Current status and challenges. <i>British Journal of Neurosurgery</i> , 2015 , 29, 197-205	1	19
100	Self-Management education for adults with poorly controlled epILEpsy (SMILE (UK)): a randomised controlled trial protocol. <i>BMC Neurology</i> , 2014 , 14, 69	3.1	28
99	Development, evaluation and implementation of video-EEG telemetry at home. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014 , 23, 338-43	3.2	34
98	Structural changes in the temporal lobe and piriform cortex in frontal lobe epilepsy. <i>Epilepsy Research</i> , 2014 , 108, 978-81	3	29
97	Dynamics on networks: the role of local dynamics and global networks on the emergence of hypersynchronous neural activity. <i>PLoS Computational Biology</i> , 2014 , 10, e1003947	5	53
96	Impaired cognitive function in idiopathic generalized epilepsy and unaffected family members: an epilepsy endophenotype. <i>Epilepsia</i> , 2014 , 55, 835-40	6.4	47
95	Thalamotemporal impairment in temporal lobe epilepsy: a combined MRI analysis of structure, integrity, and connectivity. <i>Epilepsia</i> , 2014 , 55, 306-15	6.4	49
94	A critical role for network structure in seizure onset: a computational modeling approach. <i>Frontiers in Neurology</i> , 2014 , 5, 261	4.1	47
93	Revealing a brain network endophenotype in families with idiopathic generalised epilepsy. <i>PLoS ONE</i> , 2014 , 9, e110136	3.7	67
92	Risk-taking behavior in juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2013 , 54, 2158-65	6.4	45
91	Fracture risk with use of liver enzyme inducing antiepileptic drugs in people with active epilepsy: cohort study using the general practice research database. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013 , 22, 37-42	3.2	46
90	Cross-frequency coupling within and between the human thalamus and neocortex. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 84	3.3	40
89	The dynamic evolution of focal-onset epilepsies--combining theoretical and clinical observations. <i>European Journal of Neuroscience</i> , 2012 , 36, 2188-200	3.5	37
88	A phenomenological model of seizure initiation suggests network structure may explain seizure frequency in idiopathic generalised epilepsy. <i>Journal of Mathematical Neuroscience</i> , 2012 , 2, 1	2.4	76
87	Seizure generation: the role of nodes and networks. <i>Epilepsia</i> , 2012 , 53, e166-9	6.4	97
86	Memory in frontal lobe epilepsy: an fMRI study. <i>Epilepsia</i> , 2012 , 53, 1756-64	6.4	17
85	Large scale brain models of epilepsy: dynamics meets connectomics. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 1238-48	5.5	197
84	Trends in antiepileptic drug utilisation in UK primary care 1993-2008: cohort study using the General Practice Research Database. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012 , 21, 466-70	3.2	74

83	Epilepsy and the frontal lobes. <i>Cortex</i> , 2012 , 48, 144-55	3.8	49
82	In vivo neuronal firing patterns during human epileptiform discharges replicated by electrical stimulation. <i>Clinical Neurophysiology</i> , 2012 , 123, 1736-44	4.3	59
81	Centromedian thalamic nuclei deep brain stimulation in refractory status epilepticus. <i>Brain Stimulation</i> , 2012 , 5, 594-8	5.1	31
80	Characterising the dynamics of EEG waveforms as the path through parameter space of a neural mass model: application to epilepsy seizure evolution. <i>NeuroImage</i> , 2012 , 59, 2374-92	7.9	55
79	Clinical experience with oral lacosamide as adjunctive therapy in adult patients with uncontrolled epilepsy: a multicentre study in epilepsy clinics in the United Kingdom (UK). <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012 , 21, 512-7	3.2	47
78	Altered microstructural connectivity in juvenile myoclonic epilepsy: the missing link. <i>Neurology</i> , 2012 , 78, 1555-9	6.5	110
77	Abnormal thalamocortical structural and functional connectivity in juvenile myoclonic epilepsy. <i>Brain</i> , 2012 , 135, 3635-44	11.2	111
76	Segmentation of the thalamus in MRI based on T1 and T2. <i>NeuroImage</i> , 2011 , 56, 939-50	7.9	41
75	Clustering probabilistic tractograms using independent component analysis applied to the thalamus. <i>NeuroImage</i> , 2011 , 54, 2020-32	7.9	52
74	Epilepsy mortality and risk factors for death in epilepsy: a population-based study. <i>British Journal of General Practice</i> , 2011 , 61, e271-8	1.6	71
73	Connectivity of the supplementary motor area in juvenile myoclonic epilepsy and frontal lobe epilepsy. <i>Epilepsia</i> , 2011 , 52, 507-14	6.4	67
72	EEG frequency during spike-wave discharges may predict treatment outcome in patients with idiopathic generalized epilepsies. <i>Epilepsia</i> , 2011 , 52, e45-8	6.4	12
71	New observations may inform seizure models: very fast and very slow oscillations. <i>Progress in Biophysics and Molecular Biology</i> , 2011 , 105, 5-13	4.7	14
70	Distinct temporal patterns of electrical stimulation influence neural recruitment during PTZ infusion: an fMRI study. <i>Progress in Biophysics and Molecular Biology</i> , 2011 , 105, 109-18	4.7	19
69	TMS studies of preictal cortical excitability change. <i>Epilepsy Research</i> , 2011 , 97, 273-7	3	7
68	Motor system hyperconnectivity in juvenile myoclonic epilepsy: a cognitive functional magnetic resonance imaging study. <i>Brain</i> , 2011 , 134, 1710-9	11.2	159
67	Focal structural changes and cognitive dysfunction in juvenile myoclonic epilepsy. <i>Neurology</i> , 2011 , 76, 34-40	6.5	129
66	Converging PET and fMRI evidence for a common area involved in human focal epilepsies. <i>Neurology</i> , 2011 , 77, 904-10	6.5	85

65	Update on neuroimaging in epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2010 , 10, 961-73	4.3	11
64	Identical, but not the same: intra-site and inter-site reproducibility of fractional anisotropy measures on two 3.0T scanners. <i>NeuroImage</i> , 2010 , 51, 1384-94	7.9	189
63	Reproducibility of thalamic segmentation based on probabilistic tractography. <i>NeuroImage</i> , 2010 , 52, 69-85	7.9	62
62	Current themes in neuroimaging of epilepsy: brain networks, dynamic phenomena, and clinical relevance. <i>Clinical Neurophysiology</i> , 2010 , 121, 1153-75	4.3	46
61	Amygdala damage affects event-related potentials for fearful faces at specific time windows. <i>Human Brain Mapping</i> , 2010 , 31, 1089-105	5.9	101
60	A method for detecting false bifurcations in dynamical systems: application to neural-field models. <i>Biological Cybernetics</i> , 2010 , 102, 145-54	2.8	10
59	Focal reading epilepsy--a rare variant of reading epilepsy: a case report. <i>Epilepsia</i> , 2010 , 51, 2352-5	6.4	5
58	Derivation and analysis of an ordinary differential equation mean-field model for studying clinically recorded epilepsy dynamics. <i>Physical Review E</i> , 2009 , 79, 021911	2.4	61
57	Transitions to spike-wave oscillations and epileptic dynamics in a human cortico-thalamic mean-field model. <i>Journal of Computational Neuroscience</i> , 2009 , 27, 507-26	1.4	50
56	Imaging seizure activity: a combined EEG/EMG-fMRI study in reading epilepsy. <i>Epilepsia</i> , 2009 , 50, 256-64.4	6.4	76
55	Characterisation of cortical activity in response to deep brain stimulation of ventral-lateral nucleus: modelling and experiment. <i>Journal of Neuroscience Methods</i> , 2009 , 183, 77-85	3	6
54	Onset of polyspike complexes in a mean-field model of human electroencephalography and its application to absence epilepsy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 1145-61	3	87
53	Late EEG responses triggered by transcranial magnetic stimulation (TMS) in the evaluation of focal epilepsy. <i>Epilepsia</i> , 2008 , 49, 470-80	6.4	76
52	Preoperative fMRI predicts memory decline following anterior temporal lobe resection. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 686-93	5.5	106
51	Reorganization of verbal and nonverbal memory in temporal lobe epilepsy due to unilateral hippocampal sclerosis. <i>Epilepsia</i> , 2007 , 48, 1512-25	6.4	126
50	Cortical excitability predicts seizures in acutely drug-reduced temporal lobe epilepsy patients. <i>Neurology</i> , 2006 , 67, 1646-51	6.5	43
49	Memory fMRI in left hippocampal sclerosis: optimizing the approach to predicting postsurgical memory. <i>Neurology</i> , 2006 , 66, 699-705	6.5	105
48	BOLD correlates of EMG spectral density in cortical myoclonus: description of method and case report. <i>NeuroImage</i> , 2006 , 32, 558-65	7.9	18

47	Subthreshold rTMS over pre-motor cortex has no effect on tics in patients with Gilles de la Tourette syndrome. <i>Clinical Neurophysiology</i> , 2005 , 116, 764-8	4.3	61
46	Material-specific lateralization of memory encoding in the medial temporal lobe: blocked versus event-related design. <i>NeuroImage</i> , 2005 , 27, 231-9	7.9	104
45	The application of functional MRI of memory in temporal lobe epilepsy: a clinical review. <i>Epilepsia</i> , 2004 , 45, 855-63	6.4	49
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6	Forecasting Cycles of Seizure Likelihood		4
5	Network-based atrophy modelling in the common epilepsies: a worldwide ENIGMA study		2
4	Multiday cycles of heart rate are associated with seizure likelihood		6
3	A systems-level analysis highlights microglial activation as a modifying factor in common forms of human epilepsy		6
2	Dynamic network properties of the interictal brain determine whether seizures appear focal or generalised		1
1	Signal quality and power spectrum analysis of remote ultra long-term subcutaneous EEG		1