

# Mark P Richardson

## List of Publications by Year in descending order

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Version: 2024-02-01

211  
papers

12,295  
citations

19657

61  
h-index

34986

98  
g-index

235  
all docs

235  
docs citations

235  
times ranked

11208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seizure forecasting using minimally invasive, ultra-long-term subcutaneous electroencephalography: Individualized inpatient models. <i>Epilepsia</i> , 2023, 64, .	5.1	16
2	Seizure forecasting using minimally invasive, ultra-long-term subcutaneous EEG: Generalizable cross-patient models. <i>Epilepsia</i> , 2023, 64, .	5.1	11
3	Diagnostic yield and limitations of in-hospital documentation in patients with epilepsy. <i>Epilepsia</i> , 2023, 64, .	5.1	13
4	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	22
5	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298.	7.6	18
6	Spontaneous and TMS-related EEG changes as new biomarkers to measure anti-epileptic drug effects. <i>Scientific Reports</i> , 2022, 12, 1919.	3.3	7
7	Sex-specific disease modifiers in juvenile myoclonic epilepsy. <i>Scientific Reports</i> , 2022, 12, 2785.	3.3	19
8	Noninvasive mobile EEG as a tool for seizure monitoring and management: A systematic review. <i>Epilepsia</i> , 2022, 63, 1041-1063.	5.1	26
9	Intra- and Inter-Subject Perspectives on the Detection of Focal Onset Motor Seizures in Epilepsy Patients. <i>Sensors</i> , 2022, 22, 3318.	3.8	8
10	Heterogeneity of resting-state EEG features in juvenile myoclonic epilepsy and controls. <i>Brain Communications</i> , 2022, 4, .	3.3	2
11	Psychological and demographic characteristics of 368 patients with dissociative seizures: data from the CODES cohort. <i>Psychological Medicine</i> , 2021, 51, 2433-2445.	4.5	24
12	Trait impulsivity in Juvenile Myoclonic Epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 138-152.	3.7	21
13	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
14	Invited Review: The spectrum of neuropathology in COVID-19. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 3-16.	3.2	99
15	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.	2.7	25
16	Detecting Tonic-Clonic Seizures in Multimodal Biosignal Data From Wearables: Methodology Design and Validation. <i>JMIR MHealth and UHealth</i> , 2021, 9, e27674.	3.7	14
17	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.	1.0	16
18	Neurodevelopmental origins of self-limiting rolandic epilepsy: Systematic review of MR imaging studies. <i>Epilepsia Open</i> , 2021, 6, 310-322.	2.4	6

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19	Non-invasive wearable seizure detection using long-term memory networks with transfer learning. <i>Journal of Neural Engineering</i> , 2021, 18, 056017.	3.5	31
20	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.	2.0	5
21	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.	2.8	8
22	Forecasting Seizure Likelihood With Wearable Technology. <i>Frontiers in Neurology</i> , 2021, 12, 704060.	2.4	34
23	Seizure Diaries and Forecasting With Wearables: Epilepsy Monitoring Outside the Clinic. <i>Frontiers in Neurology</i> , 2021, 12, 690404.	2.4	63
24	Multi-domain clinical natural language processing with MedCAT: The Medical Concept Annotation Toolkit. <i>Artificial Intelligence in Medicine</i> , 2021, 117, 102083.	6.5	86
25	Signal quality and power spectrum analysis of remote ultra long-term subcutaneous EEG. <i>Epilepsia</i> , 2021, 62, 1820-1828.	5.1	22
26	Machine learning-enabled multitrust audit of stroke comorbidities using natural language processing. <i>European Journal of Neurology</i> , 2021, 28, 4090-4097.	3.3	8
27	Functional Connectivity of the Anterior Nucleus of the Thalamus in Pediatric Focal Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 670881.	2.4	12
28	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
29	Epileptic Seizure Cycles: Six Common Clinical Misconceptions. <i>Frontiers in Neurology</i> , 2021, 12, 720328.	2.4	9
30	Seizure Forecasting Using a Novel Sub-Scalp Ultra-Long Term EEG Monitoring System. <i>Frontiers in Neurology</i> , 2021, 12, 713794.	2.4	42
31	Identification of Ictal Tachycardia in Focal Motor- and Non-Motor Seizures by Means of a Wearable PPG Sensor. <i>Sensors</i> , 2021, 21, 6017.	3.8	8
32	Cycles of self-reported seizure likelihood correspond to yield of diagnostic epilepsy monitoring. <i>Epilepsia</i> , 2021, 62, 416-425.	5.1	24
33	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.	1.3	6
34	Multiday cycles of heart rate are associated with seizure likelihood: An observational cohort study. <i>EBioMedicine</i> , 2021, 72, 103619.	6.1	43
35	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.	1.9	12
36	Ambulatory seizure forecasting with a wrist-worn device using long-short term memory deep learning. <i>Scientific Reports</i> , 2021, 11, 21935.	3.3	37

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37	Seizure Forecasting from Subcutaneous EEG Using Long Short Term Memory Neural Networks: Algorithm Development and Optimization. , 2021, , .		3
38	Patients' experience of wearing multimodal sensor devices intended to detect epileptic seizures: A qualitative analysis. <i>Epilepsy and Behavior</i> , 2020, 102, 106717.	1.7	38
39	Computational modelling in source space from scalp EEG to inform presurgical evaluation of epilepsy. <i>Clinical Neurophysiology</i> , 2020, 131, 225-234.	1.5	27
40	Past, Present and Future of Home videoâ€electroencephalographic telemetry: A review of the development of inâ€home videoâ€electroencephalographic recordings. <i>Epilepsia</i> , 2020, 61, S3-S10.	5.1	19
41	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	10.3	97
42	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
43	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.	2.0	15
44	A new era in electroencephalographic monitoring? Subscalp devices for ultraâ€longâ€term recordings. <i>Epilepsia</i> , 2020, 61, 1805-1817.	5.1	112
45	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	7.6	123
46	Abnormal microscale neuronal connectivity triggered by a proprioceptive stimulus in dystonia. <i>Scientific Reports</i> , 2020, 10, 20758.	3.3	7
47	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, S11-S24.	5.1	63
48	Postâ€ictal accelerometer silence as a marker of postâ€ictal immobility. <i>Epilepsia</i> , 2020, 61, 1397-1405.	5.1	11
49	Signal quality and patient experience with wearable devices for epilepsy management. <i>Epilepsia</i> , 2020, 61, S25-S35.	5.1	45
50	Forecasting cycles of seizure likelihood. <i>Epilepsia</i> , 2020, 61, 776-786.	5.1	76
51	Postictal generalized EEG suppression and postictal immobility: what do we know?. <i>Epileptic Disorders</i> , 2020, 22, 245-251.	1.3	19
52	Imaging epilepsy in larval zebrafish. <i>European Journal of Paediatric Neurology</i> , 2020, 24, 70-80.	1.6	32
53	Dynamic network properties of the interictal brain determine whether seizures appear focal or generalised. <i>Scientific Reports</i> , 2020, 10, 7043.	3.3	23
54	Heritability of alpha and sensorimotor network changes in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 667-676.	3.7	13

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55	Cognitive behavioural therapy for adults with dissociative seizures (CODES): a pragmatic, multicentre, randomised controlled trial. <i>Lancet Psychiatry</i> , 2020, 7, 491-505.	7.4	175
56	Remote Assessment of Disease and Relapse in Epilepsy: Protocol for a Multicenter Prospective Cohort Study. <i>JMIR Research Protocols</i> , 2020, 9, e21840.	1.0	5
57	Neural diffusivity and pre-emptive epileptic seizure intervention. <i>PLoS Computational Biology</i> , 2020, 16, e1008448.	3.2	1
58	Revealing epilepsy type using a computational analysis of interictal EEG. <i>Scientific Reports</i> , 2019, 9, 10169.	3.3	24
59	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.	3.7	21
60	Quantification and Selection of Ictogenic Zones in Epilepsy Surgery. <i>Frontiers in Neurology</i> , 2019, 10, 1045.	2.4	29
61	Characteristics of 698 patients with dissociative seizures: A UK multicenter study. <i>Epilepsia</i> , 2019, 60, 2182-2193.	5.1	51
62	Hiding in Plain Sight: Functional Neurological Disorders in the News. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 361-367.	1.8	13
63	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.	2.0	10
64	Slower alpha rhythm associates with poorer seizure control in epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 333-343.	3.7	38
65	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.	5.1	16
66	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.	1.9	6
67	Tensor decomposition of TMS-induced EEG oscillations reveals data-driven profiles of antiepileptic drug effects. <i>Scientific Reports</i> , 2019, 9, 17057.	3.3	8
68	Cross-subject network investigation of the EEG microstructure: A sleep spindles study. <i>Journal of Neuroscience Methods</i> , 2019, 312, 16-26.	2.5	1
69	Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study. <i>Epilepsia</i> , 2019, 60, e1-e5.	5.1	12
70	Using multimodal biosignal data from wearables to detect focal motor seizures in individual epilepsy patients. , 2019, , .		6
71	Background EEG Connectivity Captures the Time-Course of Epileptogenesis in a Mouse Model of Epilepsy. <i>ENeuro</i> , 2019, 6, ENEURO.0059-19.2019.	1.9	12
72	Hippocampal subfield segmentation in temporal lobe epilepsy: Relation to outcomes. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 598-608.	2.1	17

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73	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.	2.0	42
74	Commentary: Giuseppe Campani (1635-1715, Rome, Italy): the First Use of a Microscope in Medicine and Surgery. <i>Neurosurgery</i> , 2018, 82, E58-E64.	1.1	0
75	Long-interval intracortical inhibition as biomarker for epilepsy: a transcranial magnetic stimulation study. <i>Brain</i> , 2018, 141, 409-421.	7.6	16
76	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	7.6	352
77	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.	5.1	20
78	Do neurologists around the world agree when diagnosing epilepsy? " Results of an international EpiNet study. <i>Epilepsy Research</i> , 2018, 139, 43-50.	1.6	3
79	Thalamic volume reduction in drug-naïve patients with new-onset genetic generalized epilepsy. <i>Epilepsia</i> , 2018, 59, 226-234.	5.1	38
80	Dynamic brain network states in human generalized spike-wave discharges. <i>Brain</i> , 2018, 141, 2981-2994.	7.6	56
81	Ictal hypoxemia: A systematic review and meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 63, 7-13.	2.0	26
82	Encoding of long-term associations through neural unitization in the human medial temporal lobe. <i>Nature Communications</i> , 2018, 9, 4372.	12.8	34
83	Wearable technology in epilepsy: The views of patients, caregivers, and healthcare professionals. <i>Epilepsy and Behavior</i> , 2018, 85, 141-149.	1.7	118
84	Elevated Ictal Brain Network Ictogenicity Enables Prediction of Optimal Seizure Control. <i>Frontiers in Neurology</i> , 2018, 9, 98.	2.4	30
85	Seizure prediction " ready for a new era. <i>Nature Reviews Neurology</i> , 2018, 14, 618-630.	10.1	284
86	Self-Management education for adults with poorly controlled epilepsy [SMILE (UK)]: a randomised controlled trial. <i>Health Technology Assessment</i> , 2018, 22, 1-142.	2.8	23
87	Cortical excitability correlates with seizure control and epilepsy duration in chronic epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 87-97.	3.7	27
88	Automated tractography in patients with temporal lobe epilepsy using TRActs Constrained by UnderLying Anatomy (TRACULA). <i>NeuroImage: Clinical</i> , 2017, 14, 67-76.	2.7	30
89	Decreased functional connectivity within a language subnetwork in benign epilepsy with centrotemporal spikes. <i>Epilepsia Open</i> , 2017, 2, 214-225.	2.4	19
90	Computer models to inform epilepsy surgery strategies: prediction of postoperative outcome. <i>Brain</i> , 2017, 140, e30-e30.	7.6	15

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91	Characteristics associated with quality of life among people with drug-resistant epilepsy. <i>Journal of Neurology</i> , 2017, 264, 1174-1184.	3.6	77
92	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.	2.4	4
93	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.	1.6	13
94	Lamotrigine and levetiracetam exert a similar modulation of TMS-evoked EEG potentials. <i>Epilepsia</i> , 2017, 58, 42-50.	5.1	42
95	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. <i>Brain</i> , 2017, 140, 68-82.	7.6	96
96	Topography of generalized periodic epileptiform discharges in postanoxic nonconvulsive status epilepticus. <i>Epilepsia Open</i> , 2017, 2, 472-475.	2.4	7
97	The Effect of Lamotrigine and Levetiracetam on TMS-Evoked EEG Responses Depends on Stimulation Intensity. <i>Frontiers in Neuroscience</i> , 2017, 11, 585.	2.8	23
98	An optimal strategy for epilepsy surgery: Disruption of the rich-club?. <i>PLoS Computational Biology</i> , 2017, 13, e1005637.	3.2	82
99	Estimation of brain network ictogenicity predicts outcome from epilepsy surgery. <i>Scientific Reports</i> , 2016, 6, 29215.	3.3	134
100	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016, 6, 23153.	3.3	38
101	A computational biomarker of idiopathic generalized epilepsy from resting state EEG. <i>Epilepsia</i> , 2016, 57, e200-e204.	5.1	49
102	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.	2.0	9
103	Improving classification of epileptic and non-epileptic EEG events by feature selection. <i>Neurocomputing</i> , 2016, 171, 576-585.	5.9	48
104	Single-cell recordings in the human medial temporal lobe. <i>Journal of Anatomy</i> , 2015, 227, 394-408.	1.5	43
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.	1.6	16
106	White Matter Connectivity of the Thalamus Delineates the Functional Architecture of Competing Thalamocortical Systems. <i>Cerebral Cortex</i> , 2015, 25, 4477-4489.	2.9	54
107	Single Pulse Electrical Stimulation Identifies Epileptogenicity in a Case With Subcortical Nodular Heterotopia and MRI Negative Epilepsy. <i>Brain Stimulation</i> , 2015, 8, 672-674.	1.6	1
108	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.	7.6	58

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109	Active dendritic cell immunotherapy for glioblastoma: Current status and challenges. <i>British Journal of Neurosurgery</i> , 2015, 29, 197-205.	0.8	21
110	Morphometric <scp>MRI</scp> alterations and postoperative seizure control in refractory temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015, 36, 1637-1647.	3.6	58
111	Bringing memory fMRI to the clinic: Comparison of seven memory fMRI protocols in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015, 36, 1595-1608.	3.6	22
112	Thalamotemporal alteration and postoperative seizures in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2015, 77, 760-774.	5.3	104
113	Presurgical entorhinal cortex volume and postoperative seizure outcome in temporal lobe epilepsy. <i>Lancet, The</i> , 2015, 385, S34.	13.7	1
114	Motor evoked potential polyphasia: A novel endophenotype of idiopathic generalized epilepsy. <i>Neurology</i> , 2015, 84, 1301-1307.	1.1	28
115	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.	1.8	77
116	Investigation of glutamine and GABA levels in patients with idiopathic generalized epilepsy using MEGAPRESS. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 694-699.	3.4	43
117	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.	3.2	72
118	Impaired cognitive function in idiopathic generalized epilepsy and unaffected family members: An epilepsy endophenotype. <i>Epilepsia</i> , 2014, 55, 835-840.	5.1	64
119	Thalamotemporal impairment in temporal lobe epilepsy: A combined <scp>MRI</scp> analysis of structure, integrity, and connectivity. <i>Epilepsia</i> , 2014, 55, 306-315.	5.1	59
120	A Critical Role for Network Structure in Seizure Onset: A Computational Modeling Approach. <i>Frontiers in Neurology</i> , 2014, 5, 261.	2.4	84
121	Self-Management education for adults with poorly controlled epILEpsy (SMILE (UK)): a randomised controlled trial protocol. <i>BMC Neurology</i> , 2014, 14, 69.	1.8	30
122	Development, evaluation and implementation of video-EEG telemetry at home. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 338-343.	2.0	46
123	Structural changes in the temporal lobe and piriform cortex in frontal lobe epilepsy. <i>Epilepsy Research</i> , 2014, 108, 978-981.	1.6	37
124	Revealing a Brain Network Endophenotype in Families with Idiopathic Generalised Epilepsy. <i>PLoS ONE</i> , 2014, 9, e110136.	2.5	91
125	Risk-taking behavior in juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2013, 54, 2158-2165.	5.1	57
126	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.	2.0	55



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127	Cross-frequency coupling within and between the human thalamus and neocortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 84.	2.0	50
128	045â€...EEG phase coupling and network properties are abnormal in idiopathic generalised epilepsy patients and their relatives. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, e1.210-e1.	1.9	0
129	Altered microstructural connectivity in juvenile myoclonic epilepsy. <i>Neurology</i> , 2012, 78, 1555-1559.	1.1	138
130	Abnormal thalamocortical structural and functional connectivity in juvenile myoclonic epilepsy. <i>Brain</i> , 2012, 135, 3635-3644.	7.6	159
131	Seizure generation: The role of nodes and networks. <i>Epilepsia</i> , 2012, 53, e166-9.	5.1	132
132	Memory in frontal lobe epilepsy: An fMRI study. <i>Epilepsia</i> , 2012, 53, 1756-1764.	5.1	24
133	Large scale brain models of epilepsy: dynamics meets connectomics. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1238-1248.	1.9	265
134	Trends in antiepileptic drug utilisation in UK primary care 1993â€“2008: Cohort study using the General Practice Research Database. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012, 21, 466-470.	2.0	85
135	Epilepsy and the frontal lobes. <i>Cortex</i> , 2012, 48, 144-155.	2.4	64
136	In vivo neuronal firing patterns during human epileptiform discharges replicated by electrical stimulation. <i>Clinical Neurophysiology</i> , 2012, 123, 1736-1744.	1.5	80
137	Centromedian thalamic nuclei deep brain stimulation in refractory status epilepticus. <i>Brain Stimulation</i> , 2012, 5, 594-598.	1.6	44
138	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, 2374-2392.	4.2	63
139	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, 512-517.	2.0	55
140	The dynamic evolution of focalâ€onset epilepsies â€ combining theoretical and clinical observations. <i>European Journal of Neuroscience</i> , 2012, 36, 2188-2200.	2.6	49
141	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	101
142	Structural imaging and neuropathological correlates of memory in epilepsy. , 2012, , 285-305.		1
143	Motor system hyperconnectivity in juvenile myoclonic epilepsy: a cognitive functional magnetic resonance imaging study. <i>Brain</i> , 2011, 134, 1710-1719.	7.6	192
144	Segmentation of the thalamus in MRI based on T1 and T2. <i>NeuroImage</i> , 2011, 56, 939-950.	4.2	48

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145	Clustering probabilistic tractograms using independent component analysis applied to the thalamus. <i>NeuroImage</i> , 2011, 54, 2020-2032.	4.2	60
146	Epilepsy mortality and risk factors for death in epilepsy: a population-based study. <i>British Journal of General Practice</i> , 2011, 61, e271-e278.	1.4	92
147	Connectivity of the supplementary motor area in juvenile myoclonic epilepsy and frontal lobe epilepsy. <i>Epilepsia</i> , 2011, 52, 507-514.	5.1	85
148	EEG frequency during spike-wave discharges may predict treatment outcome in patients with idiopathic generalized epilepsies. <i>Epilepsia</i> , 2011, 52, e45-e48.	5.1	14
149	New observations may inform seizure models: Very fast and very slow oscillations. <i>Progress in Biophysics and Molecular Biology</i> , 2011, 105, 5-13.	2.9	16
150	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, 109-118.	2.9	22
151	TMS studies of preictal cortical excitability change. <i>Epilepsy Research</i> , 2011, 97, 273-277.	1.6	8
152	Introduction of "Epilepsy Research UK Workshop 2010 on "Preictal Phenomena". <i>Epilepsy Research</i> , 2011, 97, 229-230.	1.6	6
153	Focal structural changes and cognitive dysfunction in juvenile myoclonic epilepsy. <i>Neurology</i> , 2011, 76, 34-40.	1.1	157
154	Converging PET and fMRI evidence for a common area involved in human focal epilepsies. <i>Neurology</i> , 2011, 77, 904-910.	1.1	99
155	Amygdala damage affects event-related potentials for fearful faces at specific time windows. <i>Human Brain Mapping</i> , 2010, 31, 1089-1105.	3.6	118
156	A method for detecting false bifurcations in dynamical systems: application to neural-field models. <i>Biological Cybernetics</i> , 2010, 102, 145-154.	1.3	10
157	Focal reading epilepsy—a rare variant of reading epilepsy: A case report. <i>Epilepsia</i> , 2010, 51, 2352-2356.	5.1	8
158	Update on neuroimaging in epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 961-973.	2.8	12
159	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, 1384-1394.	4.2	252
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