

# Graeme D Jackson

## List of Publications by Year in descending order

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311  
papers

17,015  
citations

14655

66  
h-index

21540

114  
g-index

333  
all docs

333  
docs citations

333  
times ranked

16596  
citing authors

#	ARTICLE	IF	CITATIONS
1	A developmental and genetic classification for malformations of cortical development: update 2012. <i>Brain</i> , 2012, 135, 1348-1369.	7.6	849
2	A developmental and genetic classification for malformations of cortical development. <i>Neurology</i> , 2005, 65, 1873-1887.	1.1	711
3	Epileptology of the first-seizure presentation: a clinical, electroencephalographic, and magnetic resonance imaging study of 300 consecutive patients. <i>Lancet, The</i> , 1998, 352, 1007-1011.	13.7	532
4	Investigating white matter fibre density and morphology using fixel-based analysis. <i>NeuroImage</i> , 2017, 144, 58-73.	4.2	437
5	White matter fiber tractography: why we need to move beyond DTI. <i>Journal of Neurosurgery</i> , 2013, 118, 1367-1377.	1.6	386
6	A Classification Scheme for Malformations of Cortical Development. <i>Neuropediatrics</i> , 1996, 27, 59-63.	0.6	368
7	Track-density imaging (TDI): Super-resolution white matter imaging using whole-brain track-density mapping. <i>NeuroImage</i> , 2010, 53, 1233-1243.	4.2	361
8	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	7.6	352
9	A novel X-linked trichothiodystrophy associated with a nonsense mutation in RNF113A. <i>Journal of Medical Genetics</i> , 2015, 52, 269-274.	3.2	302
10	Functional connectivity networks are disrupted in left temporal lobe epilepsy. <i>Annals of Neurology</i> , 2006, 59, 335-343.	5.3	284
11	Temporal lobe epilepsy and GEFS+ phenotypes associated with SCN1B mutations. <i>Brain</i> , 2006, 130, 100-109.	7.6	234
12	Effect of prior cognitive state on resting state networks measured with functional connectivity. <i>Human Brain Mapping</i> , 2005, 24, 59-68.	3.6	229
13	fMRI "deactivation" of the posterior cingulate during generalized spike and wave. <i>NeuroImage</i> , 2003, 20, 1915-1922.	4.2	221
14	The spectrum of hippocampal sclerosis: A quantitative magnetic resonance imaging study. <i>Annals of Neurology</i> , 1997, 41, 41-51.	5.3	199
15	Hippocampal pathology in refractory temporal lobe epilepsy. <i>Neurology</i> , 2002, 58, 265-271.	1.1	188
16	Recommendations for the use of structural magnetic resonance imaging in the care of patients with epilepsy: A consensus report from the International League Against Epilepsy Neuroimaging Task Force. <i>Epilepsia</i> , 2019, 60, 1054-1068.	5.1	184
17	Seizure-associated hippocampal volume loss: A longitudinal magnetic resonance study of temporal lobe epilepsy. <i>Annals of Neurology</i> , 2002, 51, 641-644.	5.3	172
18	Functional mapping of activated human primary cortex with a clinical MR imaging system.. <i>Radiology</i> , 1993, 188, 125-130.	7.3	156

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19	Cerebral Structural Changes in Severe Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1185-1190.	5.6	151
20	Randomized trial of constraint-induced movement therapy and bimanual training on activity outcomes for children with congenital hemiplegia. Developmental Medicine and Child Neurology, 2011, 53, 313-320.	2.1	146
21	Neural correlates of the emergence of consciousness of thirst. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15241-15246.	7.1	145
22	Functional MRI of the pre-ictal state. Brain, 2005, 128, 1811-1817.	7.6	145
23	Hippocampal volume assessment in temporal lobe epilepsy: How good is automated segmentation?. Epilepsia, 2009, 50, 2586-2592.	5.1	144
24	Changes in brain morphology in patients with obstructive sleep apnoea. Thorax, 2010, 65, 908-914.	5.6	141
25	MR imaging and spectroscopic study of epileptogenic hypothalamic hamartomas: analysis of 72 cases. American Journal of Neuroradiology, 2004, 25, 450-62.	2.4	134
26	Multilayer network switching rate predicts brain performance. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13376-13381.	7.1	130
27	Recommendations for Neuroimaging of Patients with Epilepsy. Epilepsia, 1997, 38, 1255-1256.	5.1	127
28	Voxel-based relaxometry: a new approach for analysis of T2 relaxometry changes in epilepsy. NeuroImage, 2004, 21, 707-713.	4.2	127
29	Possible blindsight in infants lacking one cerebral hemisphere. Nature, 1992, 360, 461-463.	27.8	126
30	Proton magnetic resonance spectroscopy in children with temporal lobe epilepsy. Annals of Neurology, 1996, 39, 107-113.	5.3	126
31	Measurement and reduction of motion and ballistocardiogram artefacts from simultaneous EEG and fMRI recordings. NeuroImage, 2007, 37, 202-211.	4.2	120
32	Mathematically gifted male adolescents activate a unique brain network during mental rotation. Cognitive Brain Research, 2005, 25, 583-587.	3.0	118
33	Selection of the control group for VBM analysis: Influence of covariates, matching and sample size. NeuroImage, 2008, 41, 1324-1335.	4.2	115
34	Multi-site voxel-based morphometry: Methods and a feasibility demonstration with childhood absence epilepsy. NeuroImage, 2008, 42, 611-616.	4.2	111
35	A Focal Epilepsy and Intellectual Disability Syndrome Is Due to a Mutation in TBC1D24. American Journal of Human Genetics, 2010, 87, 371-375.	6.2	111
36	Hippocampal pathology in individuals at ultra-high risk for psychosis: A multi-modal magnetic resonance study. NeuroImage, 2010, 52, 62-68.	4.2	111

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37	Cortical/subcortical BOLD changes associated with epileptic discharges. <i>Neurology</i> , 2005, 64, 1125-1130.	1.1	109
38	Seizure-associated Abnormalities in Epilepsy: Evidence from MR Imaging. <i>Epilepsia</i> , 2005, 46, 760-766.	5.1	108
39	The peri-ictal state: cortical excitability changes within 24 h of a seizure. <i>Brain</i> , 2009, 132, 1013-1021.	7.6	108
40	Ethyl-Eicosapentaenoic Acid in First-Episode Psychosis. A 1H-MRS Study. <i>Neuropsychopharmacology</i> , 2008, 33, 2467-2473.	5.4	107
41	Neuropsychological and functional MRI studies provide converging evidence of anterior language dysfunction in BECTS. <i>Epilepsia</i> , 2009, 50, 2276-2284.	5.1	104
42	Guidelines for Neuroimaging Evaluation of Patients with Uncontrolled Epilepsy Considered for Surgery. Commission on Neuroimaging of the International League Against Epilepsy*. <i>Epilepsia</i> , 1998, 39, 1375-1376.	5.1	101
43	Magnetic Resonance Spectroscopy and Neurocognitive Dysfunction in Obstructive Sleep Apnea before and after CPAP Treatment. <i>Sleep</i> , 2012, 35, 41-48.	1.1	97
44	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	10.3	97
45	Benign Epilepsy with Centrotemporal Spikes: Spike Triggered fMRI Shows Somatosensory Cortex Activity. <i>Epilepsia</i> , 2003, 44, 200-204.	5.1	96
46	Familial cortical dysplasia type IIA caused by a germline mutation in <i>DEPDC5</i> . <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 575-580.	3.7	95
47	Thalamic Atrophy in Childhood Absence Epilepsy. <i>Epilepsia</i> , 2006, 47, 399-405.	5.1	94
48	Increased segregation of brain networks in focal epilepsy: An fMRI graph theory finding. <i>NeuroImage: Clinical</i> , 2015, 8, 536-542.	2.7	93
49	Track density imaging (TDI): Validation of super resolution property. <i>NeuroImage</i> , 2011, 56, 1259-1266.	4.2	92
50	A high-field functional MRI study of quadri-lingual subjects. <i>Brain and Language</i> , 2004, 89, 531-542.	1.6	91
51	Long-term seizure outcome and risk factors for recurrence after extratemporal epilepsy surgery. <i>Epilepsia</i> , 2012, 53, 970-978.	5.1	91
52	fMRI Lateralization of Expressive Language in Children with Cerebral Lesions. <i>Epilepsia</i> , 2006, 47, 998-1008.	5.1	89
53	Evolution of Brain Activation with Good and Poor Motor Recovery after Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2006, 20, 24-41.	2.9	89
54	The Piriform Cortex and Human Focal Epilepsy. <i>Frontiers in Neurology</i> , 2014, 5, 259.	2.4	88

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55	The surgically remediable syndrome of epilepsy associated with bottom-of-sulcus dysplasia. <i>Neurology</i> , 2015, 84, 2021-2028.	1.1	87
56	Presurgical Evaluation of the Motor Hand Area with Functional MR Imaging in Patients with Tumors and Dysplastic Lesions. <i>Radiology</i> , 1999, 210, 529-538.	7.3	86
57	Predicting seizure control: Cortical excitability and antiepileptic medication. <i>Annals of Neurology</i> , 2010, 67, 64-73.	5.3	84
58	Focal epileptiform spikes do not show a canonical BOLD response in patients with benign rolandic epilepsy (BECTS). <i>NeuroImage</i> , 2010, 51, 252-260.	4.2	82
59	Neuroimaging and connectomics of drug-resistant epilepsy at multiple scales: From focal lesions to macroscale networks. <i>Epilepsia</i> , 2019, 60, 593-604.	5.1	82
60	Why do seizures in generalized epilepsy often occur in the morning?. <i>Neurology</i> , 2009, 73, 218-222.	1.1	80
61	Sodium valproate use is associated with reduced parietal lobe thickness and brain volume. <i>Neurology</i> , 2013, 80, 1895-1900.	1.1	79
62	MRI-negative temporal lobe epilepsy. <i>Neurology</i> , 2016, 87, 1934-1942.	1.1	74
63	Response to commentary on recommendations for the use of structural MRI in the care of patients with epilepsy: A consensus report from the ILAE Neuroimaging Task Force. <i>Epilepsia</i> , 2019, 60, 2143-2144.	5.1	74
64	INCITE: A randomised trial comparing constraint induced movement therapy and bimanual training in children with congenital hemiplegia. <i>BMC Neurology</i> , 2010, 10, 4.	1.8	73
65	New Techniques in Magnetic Resonance and Epilepsy. <i>Epilepsia</i> , 1994, 35, S2-13.	5.1	72
66	Hemicranial Volume Deficits in Patients with Temporal Lobe Epilepsy With and Without Hippocampal Sclerosis. <i>Epilepsia</i> , 1998, 39, 1174-1181.	5.1	72
67	Human medullary responses to cooling and rewarming the skin: A functional MRI study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 809-813.	7.1	71
68	fMRI assessment of language lateralization: An objective approach. <i>NeuroImage</i> , 2010, 50, 1446-1455.	4.2	71
69	A Sheep Model for the Study of Focal Epilepsy with Concurrent Intracranial EEG and Functional fMRI. <i>Epilepsia</i> , 2002, 43, 779-787.	5.1	70
70	Optimized clinical T2 relaxometry with a standard CPMG sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 248-252.	3.4	70
71	A neurodevelopmental basis for BECTS: Evidence from structural MRI. <i>Epilepsy Research</i> , 2013, 105, 133-139.	1.6	70
72	On the relationship between instantaneous phase synchrony and correlation-based sliding windows for time-resolved fMRI connectivity analysis. <i>NeuroImage</i> , 2018, 181, 85-94.	4.2	70

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73	Major depression in temporal lobe epilepsy with hippocampal sclerosis: clinical and imaging correlates. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 1226-1230.	1.9	68
74	Cognition-related brain networks underpin the symptoms of unipolar depression: Evidence from a systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 61, 53-65.	6.1	68
75	Intrinsic epileptogenicity of cortical tubers revealed by intracranial EEG monitoring. <i>Neurology</i> , 2012, 79, 2249-2257.	1.1	65
76	Networks underlying paroxysmal fast activity and slow spike and wave in Lennox-Gastaut syndrome. <i>Neurology</i> , 2013, 81, 665-673.	1.1	65
77	Lennox-Gastaut syndrome and phenotype: Secondary network epilepsies. <i>Epilepsia</i> , 2014, 55, 1245-1254.	5.1	65
78	CORTICAL EXCITABILITY AND REFRACTORY EPILEPSY: A THREE-YEAR LONGITUDINAL TRANSCRANIAL MAGNETIC STIMULATION STUDY. <i>International Journal of Neural Systems</i> , 2013, 23, 1250030.	5.2	63
79	Comparison of Hippocampal Volumetry at 1.5 Tesla and at 3 Tesla. <i>Epilepsia</i> , 2001, 42, 1021-1024.	5.1	62
80	Small temporal pole encephaloceles: A treatable cause of "lesion negative" temporal lobe epilepsy. <i>Epilepsia</i> , 2010, 51, 2199-2202.	5.1	62
81	Super-resolution track-density imaging of thalamic substructures: Comparison with high-resolution anatomical magnetic resonance imaging at 7.0T. <i>Human Brain Mapping</i> , 2013, 34, 2538-2548.	3.6	61
82	Early detection of abnormalities in partial epilepsy using magnetic resonance.. <i>Archives of Disease in Childhood</i> , 1993, 69, 104-109.	1.9	60
83	A Neurocognitive Account of Frontal Lobe Involvement in Orthographic Lexical Retrieval: An fMRI Study. <i>NeuroImage</i> , 2001, 14, 162-169.	4.2	59
84	Typical childhood absence seizures are associated with thalamic activation. <i>Epileptic Disorders</i> , 2005, 7, 373-7.	1.3	59
85	Effects of vigabatrin on partial seizures and cognitive function.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994, 57, 1057-1063.	1.9	55
86	Participation Outcomes in a Randomized Trial of 2 Models of Upper-Limb Rehabilitation for Children With Congenital Hemiplegia. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 531-539.	0.9	55
87	Cortical and thalamic resting-state functional connectivity is altered in childhood absence epilepsy. <i>Epilepsy Research</i> , 2012, 99, 327-334.	1.6	55
88	Structural MRI markers of brain aging early after ischemic stroke. <i>Neurology</i> , 2017, 89, 116-124.	1.1	55
89	Myoinositol Abnormalities in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2003, 44, 815-821.	5.1	54
90	Neuroprotective Effects of Low-dose Lithium in Individuals at Ultra-high Risk for Psychosis. A Longitudinal MRI/MRS Study. <i>Current Pharmaceutical Design</i> , 2012, 18, 570-575.	1.9	54

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91	Conceptualizing Lennox-Gastaut Syndrome as a Secondary Network Epilepsy. <i>Frontiers in Neurology</i> , 2014, 5, 225.	2.4	53
92	Anterior temporal changes on MR images of children with hippocampal sclerosis: an effect of seizures on the immature brain?. <i>American Journal of Neuroradiology</i> , 2003, 24, 1670-7.	2.4	53
93	Neurobiological findings in early phase schizophrenia. <i>Brain Research Reviews</i> , 2000, 31, 157-165.	9.0	52
94	Brief breath holding may confound functional magnetic resonance imaging studies. <i>Human Brain Mapping</i> , 2005, 24, 284-290.	3.6	52
95	Clinical benefit of presurgical EEG-fMRI in difficult-to-localize focal epilepsy: A single-institution retrospective review. <i>Epilepsia</i> , 2020, 61, 49-60.	5.1	52
96	Vigabatrin-induced lesions in the rat brain demonstrated by quantitative magnetic resonance imaging. <i>Epilepsy Research</i> , 1994, 18, 57-66.	1.6	51
97	Etiology of hippocampal sclerosis: Evidence for a predisposing familial morphologic anomaly. <i>Neurology</i> , 2013, 81, 144-149.	1.1	51
98	Language lateralization correlates with verbal memory performance in children with focal epilepsy. <i>Epilepsia</i> , 2010, 51, 627-638.	5.1	50
99	Sample size estimates for well-powered cross-sectional cortical thickness studies. <i>Human Brain Mapping</i> , 2013, 34, 3000-3009.	3.6	50
100	Bottom-of-Sulcus Dysplasia: Imaging Features. <i>American Journal of Roentgenology</i> , 2011, 196, 881-885.	2.2	49
101	An Automated Method for Identifying Artifact in Independent Component Analysis of Resting-State fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 343.	2.0	49
102	Equivalent Retention of Gains at 1 Year After Training With Constraint-Induced or Bimanual Therapy in Children With Unilateral Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 664-671.	2.9	48
103	Absence epilepsy subnetworks revealed by event-related independent components analysis of functional magnetic resonance imaging. <i>Epilepsia</i> , 2013, 54, 801-808.	5.1	48
104	Charting Cognitive and Volumetric Trajectories after Stroke: Protocol for the Cognition and Neocortical Volume after Stroke (CANVAS) Study. <i>International Journal of Stroke</i> , 2014, 9, 824-828.	5.9	48
105	EEG-fMRI in focal epilepsy: Local activation and regional networks. <i>Clinical Neurophysiology</i> , 2014, 125, 21-31.	1.5	48
106	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	3.6	47
107	MR imaging of epilepsy: state of the art at 1.5 T and potential of 3 T. <i>Epileptic Disorders</i> , 2003, 5, 3-20.	1.3	47
108	Hippocampal Sclerosis: Development in Adult Life. <i>Developmental Neuroscience</i> , 1999, 21, 207-214.	2.0	46

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109	How wrong can we be? The effect of inaccurate mark-up of EEG/fMRI studies in epilepsy. <i>Clinical Neurophysiology</i> , 2009, 120, 1637-1647.	1.5	46
110	The epileptic network of Lennox-Gastaut syndrome. <i>Neurology</i> , 2019, 93, e215-e226.	1.1	46
111	Composite voxel-based analysis of volume and T2 relaxometry in temporal lobe epilepsy. <i>NeuroImage</i> , 2008, 39, 1151-1161.	4.2	44
112	Evaluating subject specific preprocessing choices in multisubject fMRI data sets using data-driven performance metrics. <i>NeuroImage</i> , 2003, 19, 988-1001.	4.2	43
113	Renal bioenergetics during early gram-negative mammalian sepsis and angiotensin II infusion. <i>Intensive Care Medicine</i> , 2012, 38, 886-893.	8.2	43
114	Ceftazidime encephalopathy: absence status and toxic hallucinations.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1992, 55, 333-334.	1.9	41
115	The hippocampal sclerosis whodunit: Enter the genes. <i>Annals of Neurology</i> , 2000, 47, 557-558.	5.3	41
116	Causes of epilepsies: Insights from discordant monozygous twins. <i>Annals of Neurology</i> , 2001, 49, 45-52.	5.3	41
117	Mixed Lateralization of Phonological Assembly in Developmental Dyslexia. <i>Neurocase</i> , 2002, 8, 205-209.	0.6	41
118	How reliable are fMRIâ€“EEG studies of epilepsy? A nonparametric approach to analysis validation and optimization. <i>NeuroImage</i> , 2005, 24, 192-199.	4.2	41
119	Range Entropy: A Bridge between Signal Complexity and Self-Similarity. <i>Entropy</i> , 2018, 20, 962.	2.2	41
120	Artificial intelligence for clinical decision support in neurology. <i>Brain Communications</i> , 2020, 2, fcaa096.	3.3	41
121	COMBIT: protocol of a randomised comparison trial of COMBined modified constraint induced movement therapy and bimanual intensive training with distributed model of standard upper limb rehabilitation in children with congenital hemiplegia. <i>BMC Neurology</i> , 2013, 13, 68.	1.8	40
122	Multicenter Validation of a Deep Learning Detection Algorithm for Focal Cortical Dysplasia. <i>Neurology</i> , 2021, 97, e1571-e1582.	1.1	39
123	Is Language Lateralization in Temporal Lobe Epilepsy Patients Related to the Nature of the Epileptogenic Lesion?. <i>Epilepsia</i> , 2006, 47, 916-920.	5.1	38
124	Selecting patients for epilepsy surgery: Identifying a structural lesion. <i>Epilepsy and Behavior</i> , 2011, 20, 182-189.	1.7	38
125	Mapping brain activity using event-related independent components analysis (eICA): Specific advantages for EEG-fMRI. <i>NeuroImage</i> , 2013, 70, 164-174.	4.2	38
126	Tonic seizures of <scp>L</scp>ennoxâ€“<scp>G</scp>astaut syndrome: Periictal singleâ€“photon emission computed tomography suggests a corticopontine network. <i>Epilepsia</i> , 2013, 54, 2151-2157.	5.1	38



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127	Nuclear Magnetic Resonance Detection of Increased Cortical GABA in Vigabatrin-Treated Rats In Vivo. <i>Epilepsia</i> , 1994, 35, 431-436.	5.1	37
128	Insights into the Mechanisms of Absence Seizure Generation Provided by EEG with Functional MRI. <i>Frontiers in Neurology</i> , 2014, 5, 162.	2.4	37
129	The diagnosis of hippocampal sclerosis: Other techniques. <i>Magnetic Resonance Imaging</i> , 1995, 13, 1081-1093.	1.8	36
130	Relationship between language lateralization and handedness in left-hemispheric partial epilepsy. <i>Neurology</i> , 2006, 67, 1813-1817.	1.1	36
131	Functional MRI interactions between dysplastic nodules and overlying cortex in periventricular nodular heterotopia. <i>Epilepsy and Behavior</i> , 2010, 19, 631-634.	1.7	36
132	Hippocampal malrotation is an anatomic variant and has no clinical significance in <scp>MRI</scp>â€negative temporal lobe epilepsy. <i>Epilepsia</i> , 2016, 57, 1719-1728.	5.1	36
133	The dynamics of functional connectivity in neocortical focal epilepsy. <i>NeuroImage: Clinical</i> , 2017, 15, 209-214.	2.7	36
134	Spontaneous brain network activity: Analysis of its temporal complexity. <i>Network Neuroscience</i> , 2017, 1, 100-115.	2.6	36
135	Physiologic variability of single-voxel proton MR spectroscopic measurements at 3T. <i>American Journal of Neuroradiology</i> , 2005, 26, 585-90.	2.4	36
136	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2022, 63, 61-74.	5.1	36
137	A preliminary fMRI study of the effects on cortical activation of the treatment of refractory auditory hallucinations with rTMS. <i>Psychiatry Research - Neuroimaging</i> , 2007, 155, 83-88.	1.8	35
138	Mechanisms of memory impairment in epilepsy depend on age at disease onset. <i>Neurology</i> , 2016, 87, 1642-1649.	1.1	35
139	Thalamocortical functional connectivity in Lennoxâ€Gastaut syndrome is abnormally enhanced in executiveâ€control and defaultâ€mode networks. <i>Epilepsia</i> , 2017, 58, 2085-2097.	5.1	35
140	Correlation Between Language Organization and Diffusion Tensor Abnormalities in Refractory Partial Epilepsy. <i>Epilepsia</i> , 2003, 44, 1541-1545.	5.1	34
141	CHILDREN WITH INTRACTABLE FOCAL EPILEPSY: ICTAL AND INTERICTAL <sup>99</sup>Tc<sup>V</sup> HMPAO SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY. <i>Developmental Medicine and Child Neurology</i> , 1995, 37, 673-681.	2.1	34
142	Tractâ€specific atrophy in focal epilepsy: Disease, genetics, or seizures?. <i>Annals of Neurology</i> , 2017, 81, 240-250.	5.3	34
143	Abnormalities in hippocampi remote from the seizure focus: a T2 relaxometry study. <i>Brain</i> , 2003, 126, 1968-1974.	7.6	33
144	Cognitive impairment in epilepsy: the role of reduced network flexibility. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 29-40.	3.7	33

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145	Can changes in cortical excitability distinguish progressive from juvenile myoclonic epilepsy?. <i>Epilepsia</i> , 2010, 51, 2084-2088.	5.1	32
146	Bilateral Posterior Periventricular Nodular Heterotopia: A Recognizable Cortical Malformation with a Spectrum of Associated Brain Abnormalities. <i>American Journal of Neuroradiology</i> , 2013, 34, 432-438.	2.4	32
147	The diminishing dominance of the dominant hemisphere: Language fMRI in focal epilepsy. <i>NeuroImage: Clinical</i> , 2017, 14, 141-150.	2.7	32
148	Artifact Reduction in Simultaneous EEG-fMRI: A Systematic Review of Methods and Contemporary Usage. <i>Frontiers in Neurology</i> , 2021, 12, 622719.	2.4	32
149	Genetic characterization identifies bottom-of-sulcus dysplasia as an mTORopathy. <i>Neurology</i> , 2020, 95, e2542-e2551.	1.1	30
150	Components of verbal learning and hippocampal damage assessed by T2 relaxometry. <i>Journal of the International Neuropsychological Society</i> , 2000, 6, 529-538.	1.8	29
151	Neuroprotective effects of ethyl-eicosapentaenoic acid in first episode psychosis: A longitudinal T2 relaxometry pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 180-182.	1.8	28
152	TBC1D24 mutation associated with focal epilepsy, cognitive impairment and a distinctive cerebro-cerebellar malformation. <i>Epilepsy Research</i> , 2013, 105, 240-244.	1.6	28
153	Dynamic regional phase synchrony (DRePS). <i>Human Brain Mapping</i> , 2016, 37, 1970-1985.	3.6	28
154	Abnormal Brain Areas Common to the Focal Epilepsies: Multivariate Pattern Analysis of fMRI. <i>Brain Connectivity</i> , 2016, 6, 208-215.	1.7	28
155	MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. <i>Epileptic Disorders</i> , 2020, 22, 421-437.	1.3	28
156	The costs of epilepsy in Australia. <i>Neurology</i> , 2020, 95, e3221-e3231.	1.1	28
157	Temporal complexity of fMRI is reproducible and correlates with higher order cognition. <i>NeuroImage</i> , 2021, 230, 117760.	4.2	28
158	Differential contributions of the hippocampus and rhinal cortices to verbal memory in epilepsy. <i>Epilepsy and Behavior</i> , 2007, 10, 553-559.	1.7	27
159	Reducing the influence of intramodular connectivity in participation coefficient. <i>Network Neuroscience</i> , 2020, 4, 416-431.	2.6	27
160	Occurrence of Hippocampal Sclerosis: Is One Hemisphere or Gender More Vulnerable?. <i>Epilepsia</i> , 1999, 40, 1816-1820.	5.1	26
161	Subtle Microscopic Abnormalities in Hippocampal Sclerosis Do Not Predict Clinical Features of Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2004, 45, 940-947.	5.1	26
162	Abnormal cognitive network interactions in Lennox-Gastaut syndrome: A potential mechanism of epileptic encephalopathy. <i>Epilepsia</i> , 2016, 57, 812-822.	5.1	26

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