

John S Duncan

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348
papers

17,817
citations

71
h-index

119
g-index

373
ext. papers

20,746
ext. citations

6.7
avg, IF

6.61
L-index

#	Paper	IF	Citations
348	Three-dimensional maximum probability atlas of the human brain, with particular reference to the temporal lobe. <i>Human Brain Mapping</i> , 2003 , 19, 224-47	5.9	797
347	The long-term outcome of adult epilepsy surgery, patterns of seizure remission, and relapse: a cohort study. <i>Lancet, The</i> , 2011 , 378, 1388-95	4.0	557
346	Adult epilepsy. <i>Lancet, The</i> , 2006 , 367, 1087-1100	4.0	552
345	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , 2017 , 377, 1648-1656	59.2	353
344	Hemispheric asymmetries in language-related pathways: a combined functional MRI and tractography study. <i>NeuroImage</i> , 2006 , 32, 388-99	7.9	333
343	Combined functional MRI and tractography to demonstrate the connectivity of the human primary motor cortex in vivo. <i>NeuroImage</i> , 2003 , 19, 1349-60	7.9	277
342	Cardiac arrhythmias in focal epilepsy: a prospective long-term study. <i>Lancet, The</i> , 2004 , 364, 2212-9	4.0	271
341	Temporal lobe interictal epileptic discharges affect cerebral activity in "default mode" brain regions. <i>Human Brain Mapping</i> , 2007 , 28, 1023-32	5.9	237
340	Attenuation correction synthesis for hybrid PET-MR scanners: application to brain studies. <i>IEEE Transactions on Medical Imaging</i> , 2014 , 33, 2332-41	11.7	235
339	Voxel-based diffusion tensor imaging in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. <i>NeuroImage</i> , 2008 , 40, 728-737	7.9	231
338	Hemodynamic correlates of epileptiform discharges: an EEG-fMRI study of 63 patients with focal epilepsy. <i>Brain Research</i> , 2006 , 1088, 148-66	3.7	230
337	Wearable electroencephalography. What is it, why is it needed, and what does it entail?. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2010 , 29, 44-56		229
336	EEG-fMRI of idiopathic and secondarily generalized epilepsies. <i>NeuroImage</i> , 2006 , 31, 1700-10	7.9	227
335	Functional magnetic resonance imaging of human absence seizures. <i>Annals of Neurology</i> , 2003 , 53, 663-70.4		222
334	Imaging memory in temporal lobe epilepsy: predicting the effects of temporal lobe resection. <i>Brain</i> , 2010 , 133, 1186-99	11.2	208
333	Rare deletions at 16p13.11 predispose to a diverse spectrum of sporadic epilepsy syndromes. <i>American Journal of Human Genetics</i> , 2010 , 86, 707-18	11	206
332	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

331	Abnormalities in diffusion tensor imaging of the uncinate fasciculus relate to reduced memory in temporal lobe epilepsy. <i>Epilepsia</i> , 2008 , 49, 1409-18	6.4	181
330	Voxel-by-voxel comparison of automatically segmented cerebral gray matter--A rater-independent comparison of structural MRI in patients with epilepsy. <i>NeuroImage</i> , 1999 , 10, 373-84	7.9	167
329	Imaging in the surgical treatment of epilepsy. <i>Nature Reviews Neurology</i> , 2010 , 6, 537-50	15	166
328	Global image registration using a symmetric block-matching approach. <i>Journal of Medical Imaging</i> , 2014 , 1, 024003	2.6	163
327	Motor system hyperconnectivity in juvenile myoclonic epilepsy: a cognitive functional magnetic resonance imaging study. <i>Brain</i> , 2011 , 134, 1710-9	11.2	159
326	Pre-operative verbal memory fMRI predicts post-operative memory decline after left temporal lobe resection. <i>Brain</i> , 2004 , 127, 2419-26	11.2	155
325	Cognitive decline in severe intractable epilepsy. <i>Epilepsia</i> , 2005 , 46, 1780-7	6.4	155
324	Non-epileptic seizures: patients' understanding and reaction to the diagnosis and impact on outcome. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2003 , 12, 287-94	3.2	153
323	NREM arousal parasomnias and their distinction from nocturnal frontal lobe epilepsy: a video EEG analysis. <i>Sleep</i> , 2009 , 32, 1637-44	1.1	152
322	Multicentre search for genetic susceptibility loci in sporadic epilepsy syndrome and seizure types: a case-control study. <i>Lancet Neurology</i> , 2007 , 6, 970-80	24.1	152
321	Brain imaging in the assessment for epilepsy surgery. <i>Lancet Neurology</i> , 2016 , 15, 420-33	24.1	149
320	Progressive neocortical damage in epilepsy. <i>Annals of Neurology</i> , 2003 , 53, 312-24	9.4	146
319	Abnormalities of language networks in temporal lobe epilepsy. <i>NeuroImage</i> , 2007 , 36, 209-21	7.9	143
318	With or without spikes: localization of focal epileptic activity by simultaneous electroencephalography and functional magnetic resonance imaging. <i>Brain</i> , 2011 , 134, 2867-86	11.2	142
317	Temporal lobe sclerosis associated with hippocampal sclerosis in temporal lobe epilepsy: neuropathological features. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009 , 68, 928-38	3.1	135
316	P-glycoprotein expression and function in patients with temporal lobe epilepsy: a case-control study. <i>Lancet Neurology</i> , 2013 , 12, 777-85	24.1	130
315	Paroxysmal motor disorders of sleep: the clinical spectrum and differentiation from epilepsy. <i>Epilepsia</i> , 2006 , 47, 1775-91	6.4	129
314	Quantitative analysis of short echo time (1)H-MRSI of cerebral gray and white matter. <i>Magnetic Resonance in Medicine</i> , 2000 , 44, 401-11	4.4	128

313	Hyperphosphorylated tau in patients with refractory epilepsy correlates with cognitive decline: a study of temporal lobe resections. <i>Brain</i> , 2016 , 139, 2441-55	11.2	127
312	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
311	Short echo time single-voxel 1H magnetic resonance spectroscopy in magnetic resonance imaging-negative temporal lobe epilepsy: different biochemical profile compared with hippocampal sclerosis. <i>Annals of Neurology</i> , 1999 , 45, 369-76	9.4	119
310	Causal hierarchy within the thalamo-cortical network in spike and wave discharges. <i>PLoS ONE</i> , 2009 , 4, e6475	3.7	116
309	Common genetic variation and susceptibility to partial epilepsies: a genome-wide association study. <i>Brain</i> , 2010 , 133, 2136-47	11.2	115
308	Imaging language networks before and after anterior temporal lobe resection: results of a longitudinal fMRI study. <i>Epilepsia</i> , 2012 , 53, 639-50	6.4	112
307	Abnormal thalamocortical structural and functional connectivity in juvenile myoclonic epilepsy. <i>Brain</i> , 2012 , 135, 3635-44	11.2	111
306	EEG correlated functional MRI and postoperative outcome in focal epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 922-7	5.5	109
305	Epileptic networks in focal cortical dysplasia revealed using electroencephalography-functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2011 , 70, 822-37	9.4	105
304	Memory fMRI in left hippocampal sclerosis: optimizing the approach to predicting postsurgical memory. <i>Neurology</i> , 2006 , 66, 699-705	6.5	105
303	Antiepileptic drugs and the electroencephalogram. <i>Epilepsia</i> , 1987 , 28, 259-66	6.4	104
302	Advanced diffusion imaging sequences could aid assessing patients with focal cortical dysplasia and epilepsy. <i>Epilepsy Research</i> , 2014 , 108, 336-9	3	98
301	A meta-analysis of white matter changes in temporal lobe epilepsy as studied with diffusion tensor imaging. <i>Epilepsia</i> , 2012 , 53, 659-67	6.4	98
300	Getting the best outcomes from epilepsy surgery. <i>Annals of Neurology</i> , 2018 , 83, 676-690	9.4	97
299	A functional magnetic resonance imaging study mapping the episodic memory encoding network in temporal lobe epilepsy. <i>Brain</i> , 2013 , 136, 1868-88	11.2	97
298	The structural plasticity of white matter networks following anterior temporal lobe resection. <i>Brain</i> , 2010 , 133, 2348-64	11.2	97
297	Preserved verbal memory function in left medial temporal pathology involves reorganisation of function to right medial temporal lobe. <i>NeuroImage</i> , 2003 , 20 Suppl 1, S112-9	7.9	97
296	Cerebral damage in epilepsy: a population-based longitudinal quantitative MRI study. <i>Epilepsia</i> , 2005 , 46, 1482-94	6.4	95

295	Electroencephalography/functional MRI in human epilepsy: what it currently can and cannot do. <i>Current Opinion in Neurology</i> , 2007 , 20, 417-23	7.1	94
294	Proton MRS reveals frontal lobe metabolite abnormalities in idiopathic generalized epilepsy. <i>Neurology</i> , 2003 , 61, 897-902	6.5	92
293	Hippocampus-dependent and -independent theta-networks of active maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20493-8	11.5	88
292	BOLD and perfusion changes during epileptic generalised spike wave activity. <i>NeuroImage</i> , 2008 , 39, 608-18	7.9	88
291	Diffusion-based magnetic resonance imaging and tractography in epilepsy. <i>Epilepsia</i> , 2008 , 49, 189-200	6.4	86
290	Diffusion tensor imaging in refractory epilepsy. <i>Lancet, The</i> , 2002 , 359, 1748-51	4.0	85
289	Upregulation of opioid receptor binding following spontaneous epileptic seizures. <i>Brain</i> , 2007 , 130, 1009-16	11.6	84
288	Volumes, spatial extents and a probabilistic atlas of the human basal ganglia and thalamus. <i>NeuroImage</i> , 2007 , 38, 261-70	7.9	84
287	Automatic detection and quantification of hippocampal atrophy on MRI in temporal lobe epilepsy: a proof-of-principle study. <i>NeuroImage</i> , 2007 , 36, 38-47	7.9	83
286	Antiepileptic drugs. A review of clinically significant drug interactions. <i>Drug Safety</i> , 1993 , 9, 156-84	5.1	80
285	Noncanonical spike-related BOLD responses in focal epilepsy. <i>Human Brain Mapping</i> , 2008 , 29, 329-45	5.9	79
284	Prediction of late seizures after ischaemic stroke with a novel prognostic model (the SeLECT score): a multivariable prediction model development and validation study. <i>Lancet Neurology, The</i> , 2018 , 17, 143-152	24.1	77
283	Epilepsy imaging study guideline criteria: commentary on diagnostic testing study guidelines and practice parameters. <i>Epilepsia</i> , 2011 , 52, 1750-6	6.4	77
282	Central benzodiazepine/gamma-aminobutyric acid A receptors in idiopathic generalized epilepsy: an [¹¹ C]flumazenil positron emission tomography study. <i>Epilepsia</i> , 1997 , 38, 1089-97	6.4	75
281	Independent component analysis of interictal fMRI in focal epilepsy: comparison with general linear model-based EEG-correlated fMRI. <i>NeuroImage</i> , 2007 , 38, 488-500	7.9	75
280	Structural imaging biomarkers of sudden unexpected death in epilepsy. <i>Brain</i> , 2015 , 138, 2907-19	11.2	74
279	Optic radiation tractography and vision in anterior temporal lobe resection. <i>Annals of Neurology</i> , 2012 , 71, 334-41	9.4	74
278	Automated MR image classification in temporal lobe epilepsy. <i>NeuroImage</i> , 2012 , 59, 356-62	7.9	71

277	Voxel-based analysis of whole brain FLAIR at 3T detects focal cortical dysplasia. <i>Epilepsia</i> , 2008 , 49, 786-93	6.4	71
276	Effects of vigabatrin on cognitive function and mood when used as add-on therapy in patients with intractable epilepsy. <i>Epilepsia</i> , 1992 , 33, 128-34	6.4	71
275	Grey and white matter flumazenil binding in neocortical epilepsy with normal MRI. A PET study of 44 patients. <i>Brain</i> , 2003 , 126, 1300-18	11.2	70
274	High-resolution diffusion tensor imaging of the hippocampus in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2006 , 71, 102-6	3	69
273	Effects of removal of phenytoin, carbamazepine, and valproate on cognitive function. <i>Epilepsia</i> , 1990 , 31, 584-91	6.4	69
272	The utility of 18F-fluorodeoxyglucose PET (FDG PET) in epilepsy surgery. <i>Epilepsy Research</i> , 2014 , 108, 1306-14	3	67
271	Connectivity of the supplementary motor area in juvenile myoclonic epilepsy and frontal lobe epilepsy. <i>Epilepsia</i> , 2011 , 52, 507-14	6.4	67
270	Memory fMRI predicts verbal memory decline after anterior temporal lobe resection. <i>Neurology</i> , 2015 , 84, 1512-9	6.5	66
269	Memory reorganization following anterior temporal lobe resection: a longitudinal functional MRI study. <i>Brain</i> , 2013 , 136, 1889-900	11.2	65
268	The role of the Wada test in the surgical treatment of temporal lobe epilepsy: an international survey. <i>Epilepsia</i> , 2008 , 49, 715-20; discussion 720-5	6.4	64
267	The combination of EEG source imaging and EEG-correlated functional MRI to map epileptic networks. <i>Epilepsia</i> , 2010 , 51, 491-505	6.4	63
266	Improvements in memory function following anterior temporal lobe resection for epilepsy. <i>Neurology</i> , 2008 , 71, 1319-25	6.5	62
265	Automated normalized FLAIR imaging in MRI-negative patients with refractory focal epilepsy. <i>Epilepsia</i> , 2009 , 50, 1484-90	6.4	61
264	The structural consequences of newly diagnosed seizures. <i>Annals of Neurology</i> , 2002 , 52, 573-80	9.4	61
263	The impact of epilepsy surgery on the structural connectome and its relation to outcome. <i>NeuroImage: Clinical</i> , 2018 , 18, 202-214	5.3	60
262	PET Reconstruction With an Anatomical MRI Prior Using Parallel Level Sets. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 2189-2199	11.7	60
261	Selecting patients for epilepsy surgery: synthesis of data. <i>Epilepsy and Behavior</i> , 2011 , 20, 230-2	3.2	60
260	Evaluation of quantitative magnetic resonance imaging contrasts in MRI-negative refractory focal epilepsy. <i>Epilepsia</i> , 2007 , 48, 229-37	6.4	60

259	A short-echo-time proton magnetic resonance spectroscopic imaging study of temporal lobe epilepsy. <i>Epilepsia</i> , 2002 , 43, 1021-31	6.4	60
258	Seizure-induced neuronal injury: human data. <i>Neurology</i> , 2002 , 59, S15-20	6.5	60
257	Progressive Cortical Thinning in Patients With Focal Epilepsy. <i>JAMA Neurology</i> , 2019 , 76, 1230-1239	17.2	58
256	Initial evaluation of 18F-GE-179, a putative PET Tracer for activated N-methyl D-aspartate receptors. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 423-30	8.9	58
255	Reading skills after left anterior temporal lobe resection: an fMRI study. <i>Brain</i> , 2005 , 128, 1377-85	11.2	58
254	Hippocampal activation correlates with visual confrontation naming: fMRI findings in controls and patients with temporal lobe epilepsy. <i>Epilepsy Research</i> , 2011 , 95, 246-54	3	57
253	Cognitive consequences of childhood-onset temporal lobe epilepsy across the adult lifespan. <i>Neurology</i> , 2010 , 75, 705-11	6.5	56
252	The amygdala and temporal lobe simple partial seizures: a prospective and quantitative MRI study. <i>Epilepsia</i> , 2001 , 42, 857-62	6.4	56
251	In vivo [11C]flumazenil-PET correlates with ex vivo [3H]flumazenil autoradiography in hippocampal sclerosis. <i>Annals of Neurology</i> , 1998 , 43, 618-26	9.4	55
250	Imaging language pathways predicts postoperative naming deficits. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 327-30	5.5	55
249	A proton magnetic resonance spectroscopy study of metabolites in the occipital lobes in epilepsy. <i>Epilepsia</i> , 2003 , 44, 550-8	6.4	55
248	Hippocampal and cerebellar volumetry in serially acquired MRI volume scans. <i>Magnetic Resonance Imaging</i> , 2000 , 18, 1027-33	3.3	55
247	Imaging the neocortex in epilepsy with double inversion recovery imaging. <i>NeuroImage</i> , 2006 , 31, 39-50	7.9	54
246	The value of repeat neuroimaging for epilepsy at a tertiary referral centre: 16 years of experience. <i>Epilepsy Research</i> , 2013 , 105, 349-55	3	53
245	Statistical neuroanatomy of the human inferior frontal gyrus and probabilistic atlas in a standard stereotaxic space. <i>Human Brain Mapping</i> , 2007 , 28, 34-48	5.9	53
244	The effect of topiramate on cognitive fMRI. <i>Epilepsy Research</i> , 2013 , 105, 250-5	3	52
243	Clustering probabilistic tractograms using independent component analysis applied to the thalamus. <i>NeuroImage</i> , 2011 , 54, 2020-32	7.9	52
242	Effect of topiramate and zonisamide on fMRI cognitive networks. <i>Neurology</i> , 2017 , 88, 1165-1171	6.5	51

241	Mapping preictal and ictal haemodynamic networks using video-electroencephalography and functional imaging. <i>Brain</i> , 2012 , 135, 3645-63	11.2	51
240	PROPELLER MRI visualizes detailed pathology of hippocampal sclerosis. <i>Epilepsia</i> , 2008 , 49, 33-9	6.4	51
239	Levetiracetam reduces abnormal network activations in temporal lobe epilepsy. <i>Neurology</i> , 2014 , 83, 1508-12	6.5	49
238	The application of functional MRI of memory in temporal lobe epilepsy: a clinical review. <i>Epilepsia</i> , 2004 , 45, 855-63	6.4	49
237	Classification and lateralization of temporal lobe epilepsies with and without hippocampal atrophy based on whole-brain automatic MRI segmentation. <i>PLoS ONE</i> , 2012 , 7, e33096	3.7	49
236	Diffusion tensor imaging tractography to visualize the relationship of the optic radiation to epileptogenic lesions prior to neurosurgery. <i>Epilepsia</i> , 2011 , 52, 1430-8	6.4	48
235	Neuroimaging in epilepsy. <i>Current Opinion in Neurology</i> , 2018 , 31, 371-378	7.1	48
234	Motor co-activation in siblings of patients with juvenile myoclonic epilepsy: an imaging endophenotype?. <i>Brain</i> , 2014 , 137, 2469-79	11.2	47
233	Risk-taking behavior in juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2013 , 54, 2158-65	6.4	45
232	Structural correlates of impaired working memory in hippocampal sclerosis. <i>Epilepsia</i> , 2013 , 54, 1143-53	6.4	45
231	Preoperative amygdala fMRI in temporal lobe epilepsy. <i>Epilepsia</i> , 2009 , 50, 217-27	6.4	45
230	Exploring white matter tracts in band heterotopia using diffusion tractography. <i>Annals of Neurology</i> , 2002 , 52, 327-34	9.4	45
229	Brain imaging in idiopathic generalized epilepsies. <i>Epilepsia</i> , 2005 , 46 Suppl 9, 108-11	6.4	45
228	Quantitative short echo time proton magnetic resonance spectroscopic imaging study of malformations of cortical development causing epilepsy. <i>Brain</i> , 2001 , 124, 427-36	11.2	45
227	Cerebral metabolism and perfusion in MR-negative individuals with refractory focal epilepsy assessed by simultaneous acquisition of (18)F-FDG PET and arterial spin labeling. <i>NeuroImage: Clinical</i> , 2016 , 11, 648-657	5.3	44
226	Preventing visual field deficits from neurosurgery. <i>Neurology</i> , 2014 , 83, 604-11	6.5	44
225	Automated hippocampal segmentation in patients with epilepsy: available free online. <i>Epilepsia</i> , 2013 , 54, 2166-73	6.4	44
224	Effects of the removal of phenytoin, carbamazepine, and valproate on the electroencephalogram. <i>Epilepsia</i> , 1989 , 30, 590-6	6.4	44

223	Memory network plasticity after temporal lobe resection: a longitudinal functional imaging study. <i>Brain</i> , 2016 , 139, 415-30	11.2	42
222	Balancing bias, reliability, noise properties and the need for parametric maps in quantitative ligand PET: [(11C)diprenorphine test-retest data. <i>NeuroImage</i> , 2007 , 38, 82-94	7.9	41
221	Postictal diffusion tensor imaging. <i>Epilepsy Research</i> , 2005 , 65, 137-46	3	41
220	Benzodiazepine-GABAA receptors in idiopathic generalized epilepsy measured with [11C]flumazenil and positron emission tomography. <i>Epilepsia</i> , 1995 , 36, 113-21	6.4	41
219	Neuroimaging and connectomics of drug-resistant epilepsy at multiple scales: From focal lesions to macroscale networks. <i>Epilepsia</i> , 2019 , 60, 593-604	6.4	40
218	Central benzodiazepine receptor autoradiography in hippocampal sclerosis. <i>British Journal of Pharmacology</i> , 1997 , 122, 358-64	8.6	40
217	Severe autosomal dominant nocturnal frontal lobe epilepsy associated with psychiatric disorders and intellectual disability. <i>Epilepsia</i> , 2008 , 49, 2125-9	6.4	40
216	Analysis of EEG-fMRI data in focal epilepsy based on automated spike classification and Signal Space Projection. <i>NeuroImage</i> , 2006 , 31, 1015-24	7.9	40
215	Automated trajectory planning for laser interstitial thermal therapy in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2018 , 59, 814-824	6.4	39
214	Long-term retention of lacosamide in a large cohort of people with medically refractory epilepsy: a single centre evaluation. <i>Epilepsy Research</i> , 2013 , 106, 250-6	3	39
213	Functional magnetic resonance imaging for assessment of language and memory in clinical practice. <i>Current Opinion in Neurology</i> , 2005 , 18, 161-6	7.1	39
212	Magnetic resonance spectroscopy. <i>Epilepsia</i> , 1996 , 37, 598-605	6.4	39
211	Left temporal lobe language network connectivity in temporal lobe epilepsy. <i>Brain</i> , 2018 , 141, 2406-2418	11.2	38
210	The promise of new antiepileptic drugs. <i>British Journal of Clinical Pharmacology</i> , 2002 , 53, 123-31	3.8	37
209	Advances in epilepsy surgery. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1273-9	5.5	36
208	Epilepsy & depression: the effects of comorbidity on hippocampal volume--a pilot study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005 , 14, 435-8	3.2	36
207	Neuroimaging methods to evaluate the etiology and consequences of epilepsy. <i>Epilepsy Research</i> , 2002 , 50, 131-40	3	36
206	Discontinuation of phenytoin, carbamazepine, and valproate in patients with active epilepsy. <i>Epilepsia</i> , 1990 , 31, 324-33	6.4	36

205	Idiopathic generalized epilepsies with typical absences. <i>Journal of Neurology</i> , 1997 , 244, 403-11	5.5	35
204	EEG-fMRI mapping of asymmetrical delta activity in a patient with refractory epilepsy is concordant with the epileptogenic region determined by intracranial EEG. <i>Magnetic Resonance Imaging</i> , 2006 , 24, 367-71	3.3	35
203	Association of Piriform Cortex Resection With Surgical Outcomes in Patients With Temporal Lobe Epilepsy. <i>JAMA Neurology</i> , 2019 , 76, 690-700	17.2	34
202	Factors affecting reorganisation of memory encoding networks in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015 , 110, 1-9	3	34
201	Accurate localization of optic radiation during neurosurgery in an interventional MRI suite. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 882-91	11.7	34
200	Diffusion tensor imaging tractography of the optic radiation for epilepsy surgical planning: a comparison of two methods. <i>Epilepsy Research</i> , 2011 , 97, 124-32	3	33
199	Quantification of opiate receptors in two patients with mesiobasal temporal lobe epilepsy, before and after selective amygdalohippocampectomy, using positron emission tomography. <i>Epilepsy Research</i> , 1994 , 18, 119-25	3	33
198	Sinus node dysfunction: an adverse effect of lacosamide. <i>Epilepsia</i> , 2013 , 54, e90-3	6.4	32
197	Proton magnetic resonance spectroscopy of malformations of cortical development causing epilepsy. <i>Epilepsy Research</i> , 2007 , 74, 107-15	3	32
196	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
195	Progressive white matter changes following anterior temporal lobe resection for epilepsy. <i>NeuroImage: Clinical</i> , 2014 , 4, 190-200	5.3	31
194	Mapping hemodynamic correlates of seizures using fMRI: A review. <i>Human Brain Mapping</i> , 2013 , 34, 447-56	5.6	31
193	Partial epilepsy with pericentral spikes: a new familial epilepsy syndrome with evidence for linkage to chromosome 4p15. <i>Annals of Neurology</i> , 2002 , 51, 740-9	9.4	31
192	Periventricular white matter flumazenil binding and postoperative outcome in hippocampal sclerosis. <i>Epilepsia</i> , 2005 , 46, 944-8	6.4	31
191	Gelastic seizures: incidence, clinical and EEG features in adult patients undergoing video-EEG telemetry. <i>Epilepsia</i> , 2015 , 56, e1-5	6.4	30
190	Abnormal hippocampal structure and function in juvenile myoclonic epilepsy and unaffected siblings. <i>Brain</i> , 2019 , 142, 2670-2687	11.2	30
189	Factors affecting seizure outcome after epilepsy surgery: an observational series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 933-940	5.5	30
188	Neuropsychological function in patients who have had epilepsy surgery: a long-term follow-up. <i>Epilepsy and Behavior</i> , 2012 , 23, 24-9	3.2	30

187	Cortical neuronal loss and hippocampal sclerosis are not detected by voxel-based morphometry in individual epilepsy surgery patients. <i>Human Brain Mapping</i> , 2009 , 30, 3351-60	5.9	30
186	[11C]Flumazenil PET in temporal lobe epilepsy: do we need an arterial input function or kinetic modeling?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 207-16	7.3	30
185	A fast FLAIR dual-echo technique for hippocampal T2 relaxometry: first experiences in patients with temporal lobe epilepsy. <i>Journal of Magnetic Resonance Imaging</i> , 2001 , 13, 547-52	5.6	30
184	Effects of discontinuation of phenytoin, carbamazepine, and valproate on concomitant antiepileptic medication. <i>Epilepsia</i> , 1991 , 32, 101-15	6.4	30
183	Lacosamide serum concentrations in adult patients with epilepsy: the influence of gender, age, dose, and concomitant antiepileptic drugs. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 494-8	3.2	29
182	Epilepsy surgery. <i>Clinical Medicine</i> , 2007 , 7, 137-42	1.9	29
181	Feasibility of multimodal 3D neuroimaging to guide implantation of intracranial EEG electrodes. <i>Epilepsy Research</i> , 2013 , 107, 91-100	3	28
180	Automated T2 relaxometry of the hippocampus for temporal lobe epilepsy. <i>Epilepsia</i> , 2017 , 58, 1645-1654	5.4	28
179	Correlation of cognitive functions with voxel-based morphometry in patients with hippocampal sclerosis. <i>Epilepsy and Behavior</i> , 2008 , 12, 472-6	3.2	28
178	Attenuation correction synthesis for hybrid PET-MR scanners. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 147-54	0.9	28
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