

John S Duncan

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.

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	Cost of pre-surgical evaluation for epilepsy surgery: A single-center experience.. <i>Epilepsy Research</i> , 2022 , 182, 106910	3	
347	Epilepsy in the 21st century.. <i>Lancet Neurology, The</i> , 2022 , 21, 501-503	24.1	0
346	Intraoperative overlay of optic radiation tractography during anteromesial temporal resection: a prospective validation study. <i>Journal of Neurosurgery</i> , 2021 , 1-10	3.2	0
345	Resective, Ablative and Radiosurgical Interventions for Drug Resistant Mesial Temporal Lobe Epilepsy: A Systematic Review and Meta-Analysis of Outcomes.. <i>Frontiers in Neurology</i> , 2021 , 12, 777845	4.1	2
344	Structural Brain Network Abnormalities and the Probability of Seizure Recurrence After Epilepsy Surgery. <i>Neurology</i> , 2021 , 96, e758-e771	6.5	11
343	Seizure outcomes in people with drug-resistant focal epilepsy evaluated for surgery but do not proceed. <i>Epilepsy Research</i> , 2021 , 178, 106822	3	1
342	Decoupling of functional and structural language networks in temporal lobe epilepsy. <i>Epilepsia</i> , 2021 , 62, 2941-2954	6.4	2
341	Patient-specific prediction of SEEG electrode bending for stereotactic neurosurgical planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 16, 789-798	3.9	0
340	A self-supervised learning strategy for postoperative brain cavity segmentation simulating resections. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 16, 1653-1661	3.9	2
339	Impaired naming performance in temporal lobe epilepsy: language fMRI responses are modulated by disease characteristics. <i>Journal of Neurology</i> , 2021 , 268, 147-160	5.5	5
338	Clinical evaluation of automated quantitative MRI reports for assessment of hippocampal sclerosis. <i>European Radiology</i> , 2021 , 31, 34-44	8	5
337	Independent components of human brain morphology. <i>NeuroImage</i> , 2021 , 226, 117546	7.9	3
336	A generative model of hyperelastic strain energy density functions for multiple tissue brain deformation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 16, 141-150	3.9	1
335	Multivariate white matter alterations are associated with epilepsy duration. <i>European Journal of Neuroscience</i> , 2021 , 53, 2788-2803	3.5	1
334	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
333	GABA _A receptor subunit-containing GABA receptors in temporal lobe epilepsy with normal MRI. <i>Brain Communications</i> , 2021 , 3, fcaa190	4.5	1
332	Detection of covert lesions in focal epilepsy using computational analysis of multimodal magnetic resonance imaging data. <i>Epilepsia</i> , 2021 , 62, 807-816	6.4	4

331	Machine Learning for Localizing Epileptogenic-Zone in the Temporal Lobe: Quantifying the Value of Multimodal Clinical-Semiology and Imaging Concordance. <i>Frontiers in Digital Health</i> , 2021 , 3, 559103	2.3	0
330	Comparison of robotic and manual implantation of intracerebral electrodes: a single-centre, single-blinded, randomised controlled trial. <i>Scientific Reports</i> , 2021 , 11, 17127	4.9	3
329	Enhancing the estimation of fiber orientation distributions using convolutional neural networks. <i>Computers in Biology and Medicine</i> , 2021 , 135, 104643	7	3
328	Resection of the piriform cortex for temporal lobe epilepsy: a Novel approach on imaging segmentation and surgical application. <i>British Journal of Neurosurgery</i> , 2021 , 1-6	1	1
327	Validation of a combined image derived input function and venous sampling approach for the quantification of [F]GE-179 PET binding in the brain. <i>NeuroImage</i> , 2021 , 237, 118194	7.9	3
326	Non-parametric combination of multimodal MRI for lesion detection in focal epilepsy. <i>NeuroImage: Clinical</i> , 2021 , 32, 102837	5.3	0
325	Mapping Epileptic Networks Using Simultaneous Intracranial EEG-fMRI. <i>Frontiers in Neurology</i> , 2021 , 12, 693504	4.1	3
324	Seizures after Ischemic Stroke: A Matched Multicenter Study. <i>Annals of Neurology</i> , 2021 , 90, 808-820	9.4	5
323	Reasons for not having epilepsy surgery. <i>Epilepsia</i> , 2021 , 62, 2909-2919	6.4	3
322	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021 , 243, 118502	7.9	18
321	Focal to bilateral tonic-clonic seizures are associated with widespread network abnormality in temporal lobe epilepsy. <i>Epilepsia</i> , 2021 , 62, 729-741	6.4	8
320	Effect of Anti-seizure Medications on Functional Anatomy of Language: A Perspective From Language Functional Magnetic Resonance Imaging.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 787272	5.1	0
319	Automation Advances in Stereoelectroencephalography Planning. <i>Neurosurgery Clinics of North America</i> , 2020 , 31, 407-419	4	2
318	Seizure pathways change on circadian and slower timescales in individual patients with focal epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11048-11058	11.5	13
317	Hippocampal Shape Is Associated with Memory Deficits in Temporal Lobe Epilepsy. <i>Annals of Neurology</i> , 2020 , 88, 170-182	9.4	8
316	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2020 ,	5.9	18
315	Automated computation and analysis of accuracy metrics in stereoelectroencephalography. <i>Journal of Neuroscience Methods</i> , 2020 , 340, 108710	3	2
314	Towards Uncertainty Quantification for Electrode Bending Prediction in Stereotactic Neurosurgery 2020 ,		1

313	Microstructural imaging in temporal lobe epilepsy: Diffusion imaging changes relate to reduced neurite density. <i>NeuroImage: Clinical</i> , 2020 , 26, 102231	5.3	15
312	Metabolic lesion-deficit mapping of human cognition. <i>Brain</i> , 2020 , 143, 877-890	11.2	6
311	Motor hyperactivation during cognitive tasks: An endophenotype of juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2020 , 61, 1438-1452	6.4	6
310	Interictal intracranial electroencephalography for predicting surgical success: The importance of space and time. <i>Epilepsia</i> , 2020 , 61, 1417-1426	6.4	8
309	P-glycoprotein overactivity in epileptogenic developmental lesions measured in vivo using (R)-[C]verapamil PET. <i>Epilepsia</i> , 2020 , 61, 1472-1480	6.4	6
308	Prevalence of MRI abnormalities in people with epilepsy in rural China. <i>Neurology</i> , 2020 , 95, e1236-e1243	5.5	3
307	Validation of computational lesion detection methods in magnetic resonance imaging-negative, focal epilepsy. <i>Epilepsia</i> , 2020 , 61, 828-830	6.4	2
306	From theory to practice: Critical points in the 2017 ILAE classification of epileptic seizures and epilepsies. <i>Epilepsia</i> , 2020 , 61, 350-353	6.4	4
305	Computer-assisted planning for minimally invasive anterior two-thirds laser corpus callosotomy: A feasibility study with probabilistic tractography validation. <i>NeuroImage: Clinical</i> , 2020 , 25, 102174	5.3	7
304	Simulation of Brain Resection for Cavity Segmentation Using Self-supervised and Semi-supervised Learning. <i>Lecture Notes in Computer Science</i> , 2020 , 115-125	0.9	3
303	Computer-Assisted Versus Manual Planning for Stereotactic Brain Biopsy: A Retrospective Comparative Pilot Study. <i>Operative Neurosurgery</i> , 2020 , 18, 417-422	1.6	2
302	Hippocampal profiling: Localized magnetic resonance imaging volumetry and T2 relaxometry for hippocampal sclerosis. <i>Epilepsia</i> , 2020 , 61, 297-309	6.4	9
301	Acute and late neurological complications of COVID19: the quest for evidence. <i>Brain</i> , 2020 , 143, e99	11.2	6
300	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020 , 6,	14.3	18
299	Resective surgery prevents progressive cortical thinning in temporal lobe epilepsy. <i>Brain</i> , 2020 , 143, 3262-3272	11.2	5
298	Refining Planning for Stereoelectroencephalography: A Prospective Validation of Spatial Priors for Computer-Assisted Planning With Application of Dynamic Learning. <i>Frontiers in Neurology</i> , 2020 , 11, 706	4.1	3
297	Removal of Interictal MEG-Derived Network Hubs Is Associated With Postoperative Seizure Freedom. <i>Frontiers in Neurology</i> , 2020 , 11, 563847	4.1	6
296	Thalamus and focal to bilateral seizures: A multiscale cognitive imaging study. <i>Neurology</i> , 2020 , 95, e2428-e2441	5.5	9

295	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
294	Computer-Assisted Planning for Stereoelectroencephalography (SEEG). <i>Neurotherapeutics</i> , 2019 , 16, 1183-1197	6.4	10
293	Brain imaging in epilepsy. <i>Practical Neurology</i> , 2019 , 19, 438-443	2.4	4
292	The Effect of Vascular Segmentation Methods on Stereotactic Trajectory Planning for Drug-Resistant Focal Epilepsy: A Retrospective Cohort Study. <i>World Neurosurgery: X</i> , 2019 , 4, 100057	2.7	6
291	Imaging Biomarkers to Study Cognition in Epilepsy 2019 , 229-244		
290	Automated fiber tract reconstruction for surgery planning: Extensive validation in language-related white matter tracts. <i>NeuroImage: Clinical</i> , 2019 , 23, 101883	5.3	11
289	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
288	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
287	Cerebellar, limbic, and midbrain volume alterations in sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2019 , 60, 718-729	6.4	25
286	The impact of brain-derived neurotrophic factor Val66Met polymorphism on cognition and functional brain networks in patients with intractable partial epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 223-232	6.8	10
285	Multicenter validation of automated trajectories for selective laser amygdalohippocampectomy. <i>Epilepsia</i> , 2019 , 60, 1949-1959	6.4	10
284	Stereoelectroencephalography electrode placement: Detection of blood vessel conflicts. <i>Epilepsia</i> , 2019 , 60, 1942-1948	6.4	17
283	Abnormal hippocampal structure and function in juvenile myoclonic epilepsy and unaffected siblings. <i>Brain</i> , 2019 , 142, 2670-2687	11.2	30
282	Progressive Cortical Thinning in Patients With Focal Epilepsy. <i>JAMA Neurology</i> , 2019 , 76, 1230-1239	17.2	58
281	Naming fMRI predicts the effect of temporal lobe resection on language decline. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 2186-2196	5.3	13
280	Learning to see the invisible: A data-driven approach to finding the underlying patterns of abnormality in visually normal brain magnetic resonance images in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2019 , 60, 2499-2507	6.4	12
279	Increasing the accuracy of 3D EEG implantations. <i>Journal of Neurosurgery</i> , 2019 , 1-8	3.2	5
278	Comment on " In Vivo [F]GE-179 Brain Signal Does Not Show NMDA-Specific Modulation with Drug Challenges in Rodents and Nonhuman Primates". <i>ACS Chemical Neuroscience</i> , 2019 , 10, 768-772	5.7	10

277	Optimizing Trajectories for Cranial Laser Interstitial Thermal Therapy Using Computer-Assisted Planning: A Machine Learning Approach. <i>Neurotherapeutics</i> , 2019 , 16, 182-191	6.4	20
276	Pharmacological management of post-traumatic seizures in adults: current practice patterns in the UK and the Republic of Ireland. <i>Acta Neurochirurgica</i> , 2019 , 161, 457-464	3	9
275	Improving patient safety during introduction of novel medical devices through cumulative summation analysis. <i>Journal of Neurosurgery</i> , 2018 , 130, 213-219	3.2	7
274	The SeLECT score is useful to predict post-stroke epilepsy. <i>Lancet Neurology, The</i> , 2018 , 17, 395-396	24.1	3
273	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
272	Getting the best outcomes from epilepsy surgery. <i>Annals of Neurology</i> , 2018 , 83, 676-690	9.4	97
271	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
270	Structural and effective connectivity in focal epilepsy. <i>NeuroImage: Clinical</i> , 2018 , 17, 943-952	5.3	22
269	Evaluation of prospective motion correction of high-resolution 3D-T2-FLAIR acquisitions in epilepsy patients. <i>Journal of Neuroradiology</i> , 2018 , 45, 368-373	3.1	5
268	Automated trajectory planning for laser interstitial thermal therapy in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2018 , 59, 814-824	6.4	39
267	The impact of mapping interictal discharges using EEG-fMRI on the epilepsy presurgical clinical decision making process: A prospective study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018 , 61, 30-37	3.2	11
266	Automatic segmentation of stereoelectroencephalography (SEEG) electrodes post-implantation considering bending. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018 , 13, 935-946 ^{3.9}	3.9	19
265	Effects of carbamazepine and lamotrigine on functional magnetic resonance imaging cognitive networks. <i>Epilepsia</i> , 2018 , 59, 1362-1371	6.4	16
264	Computer-assisted planning for the insertion of stereoelectroencephalography electrodes for the investigation of drug-resistant focal epilepsy: an external validation study. <i>Journal of Neurosurgery</i> , 2018 , 1-10	3.2	25
263	Auras and the risk of seizures with impaired consciousness following epilepsy surgery: implications for driving. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 599-602	5.5	4
262	Quantitative expression and localization of GABA receptor protein subunits in hippocampi from patients with refractory temporal lobe epilepsy. <i>Neuropharmacology</i> , 2018 , 136, 117-128	5.5	6
261	Simplifying [F]GE-179 PET: are both arterial blood sampling and 90-min acquisitions essential?. <i>EJNMMI Research</i> , 2018 , 8, 46	3.6	3
260	A Machine Learning Approach to Predict Instrument Bending in Stereotactic Neurosurgery. <i>Lecture Notes in Computer Science</i> , 2018 , 238-246	0.9	2

259	Neuroimaging in epilepsy. <i>Current Opinion in Neurology</i> , 2018 , 31, 371-378	7.1	48
258	Left temporal lobe language network connectivity in temporal lobe epilepsy. <i>Brain</i> , 2018 , 141, 2406-2418	8.2	38
257	Effect of topiramate and zonisamide on fMRI cognitive networks. <i>Neurology</i> , 2017 , 88, 1165-1171	6.5	51
256	Somatic complications of epilepsy surgery over 25 years at a single center. <i>Epilepsy Research</i> , 2017 , 132, 70-77	3	13
255	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , 2017 , 377, 1648-1656	59.2	353
254	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
253	Voxel-based magnetic resonance image postprocessing in epilepsy. <i>Epilepsia</i> , 2017 , 58, 1653-1664	6.4	22
252	Automated T2 relaxometry of the hippocampus for temporal lobe epilepsy. <i>Epilepsia</i> , 2017 , 58, 1645-1652	5.4	28
251	Retention of perampanel in adults with pharmacoresistant epilepsy at a single tertiary care center. <i>Epilepsy and Behavior</i> , 2017 , 73, 106-110	3.2	18
250	Anatomy-driven multiple trajectory planning (ADMTP) of intracranial electrodes for epilepsy surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 1245-1255	3.9	24
249	Automated multiple trajectory planning algorithm for the placement of stereo-electroencephalography (SEEG) electrodes in epilepsy treatment. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 123-136	3.9	27
248	Meyer's loop asymmetry and language lateralisation in epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 836-42	5.5	16
247	Activations in temporal areas using visual and auditory naming stimuli: A language fMRI study in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2016 , 128, 102-112	3	9
246	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
245	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
244	Memory network plasticity after temporal lobe resection: a longitudinal functional imaging study. <i>Brain</i> , 2016 , 139, 415-30	11.2	42
243	Brain imaging in the assessment for epilepsy surgery. <i>Lancet Neurology</i> , 2016 , 15, 420-33	24.1	149
242	Predictors for being offered epilepsy surgery: 5-year experience of a tertiary referral centre. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 209-11	5.5	19

241	Efficient Anatomy Driven Automated Multiple Trajectory Planning for Intracranial Electrode Implantation. <i>Lecture Notes in Computer Science</i> , 2016 , 542-550	0.9	2
240	Bilateral Weighted Adaptive Local Similarity Measure for Registration in Neurosurgery. <i>Lecture Notes in Computer Science</i> , 2016 , 81-88	0.9	
239	Mandarin functional MRI Language paradigms. <i>Brain and Behavior</i> , 2016 , 6, e00525	3.4	6
238	Mapping human preictal and ictal haemodynamic networks using simultaneous intracranial EEG-fMRI. <i>NeuroImage: Clinical</i> , 2016 , 11, 486-493	5.3	15
237	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
236	Promise and pitfalls of prognostic models for epilepsy surgery. <i>Lancet Neurology</i> , 2015 , 14, 683-4	24.1	3
235	Stability, structure and scale: improvements in multi-modal vessel extraction for SEEG trajectory planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015 , 10, 1227-37	3.9	17
234	Memory fMRI predicts verbal memory decline after anterior temporal lobe resection. <i>Neurology</i> , 2015 , 84, 1512-9	6.5	66
233	Structural imaging biomarkers of sudden unexpected death in epilepsy. <i>Brain</i> , 2015 , 138, 2907-19	11.2	74
232	Simulated field maps for susceptibility artefact correction in interventional MRI. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015 , 10, 1405-16	3.9	3
231	Gelastic seizures: incidence, clinical and EEG features in adult patients undergoing video-EEG telemetry. <i>Epilepsia</i> , 2015 , 56, e1-5	6.4	30
230	A novel SLC2A1 mutation linking hemiplegic migraine with alternating hemiplegia of childhood. <i>Cephalalgia</i> , 2015 , 35, 10-5	6.1	20
229	Factors affecting reorganisation of memory encoding networks in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015 , 110, 1-9	3	34
228	Long-Term Seizure and Antiepileptic Drug Outcomes After Epilepsy Surgery in Adults 2015 , 19-41		
227	Levetiracetam reduces abnormal network activations in temporal lobe epilepsy. <i>Neurology</i> , 2014 , 83, 1508-12	6.5	49
226	Applications of blood-oxygen-level-dependent functional magnetic resonance imaging and diffusion tensor imaging in epilepsy. <i>Neuroimaging Clinics of North America</i> , 2014 , 24, 671-94	3	10
225	The utility of 18F-fluorodeoxyglucose PET (FDG PET) in epilepsy surgery. <i>Epilepsy Research</i> , 2014 , 108, 1306-14	3	67
224	Susceptibility artefact correction using dynamic graph cuts: application to neurosurgery. <i>Medical Image Analysis</i> , 2014 , 18, 1132-42	15.4	15

223	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
222	Preventing visual field deficits from neurosurgery. <i>Neurology</i> , 2014 , 83, 604-11	6.5	44
221	Attenuation correction synthesis for hybrid PET-MR scanners: validation for brain study applications. <i>EJNMMI Physics</i> , 2014 , 1, A52	4.4	1
220	Progressive white matter changes following anterior temporal lobe resection for epilepsy. <i>NeuroImage: Clinical</i> , 2014 , 4, 190-200	5.3	31
219	Test-retest reproducibility of cannabinoid-receptor type 1 availability quantified with the PET ligand [¹¹ C]MePPEP. <i>NeuroImage</i> , 2014 , 97, 151-62	7.9	15
218	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
217	Advanced diffusion imaging sequences could aid assessing patients with focal cortical dysplasia and epilepsy. <i>Epilepsy Research</i> , 2014 , 108, 336-9	3	98
216	Effect of scatter correction when comparing attenuation maps: Application to brain PET/MR 2014 ,		8
215	Advances in epilepsy surgery. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1273-9	5.5	36
214	Global image registration using a symmetric block-matching approach. <i>Journal of Medical Imaging</i> , 2014 , 1, 024003	2.6	163
213	Long term retention of retigabine in a cohort of people with drug resistant epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014 , 23, 878-81	3.2	12
212	A symmetric block-matching framework for global registration 2014 ,		3
211	Motor co-activation in siblings of patients with juvenile myoclonic epilepsy: an imaging endophenotype?. <i>Brain</i> , 2014 , 137, 2469-79	11.2	47
210	Concerns about bilateral radiosurgical treatment of a patient with bilateral temporal lobe epilepsy. <i>Epilepsia</i> , 2014 , 55, 623	6.4	3
209	Language dominance assessment in a bilingual population: validity of fMRI in the second language. <i>Epilepsia</i> , 2014 , 55, 1504-11	6.4	25
208	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
207	Working memory network plasticity after anterior temporal lobe resection: a longitudinal functional magnetic resonance imaging study. <i>Brain</i> , 2014 , 137, 1439-53	11.2	25
206	A Computer Assisted Planning System for the Placement of sEEG Electrodes in the Treatment of Epilepsy. <i>Lecture Notes in Computer Science</i> , 2014 , 118-127	0.9	16

205	Generalized spike and waves: effect of discharge duration on brain networks as revealed by BOLD fMRI. <i>Brain Topography</i> , 2014 , 27, 123-37	4.3	22
204	Simulated Field Maps: Toward Improved Susceptibility Artefact Correction in Interventional MRI. <i>Lecture Notes in Computer Science</i> , 2014 , 226-235	0.9	1
203	SEEG trajectory planning: combining stability, structure and scale in vessel extraction. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 651-8	0.9	7
202	Mapping hemodynamic correlates of seizures using fMRI: A review. <i>Human Brain Mapping</i> , 2013 , 34, 447-56	5.6	31
201	Imaging the interaction: epileptic discharges, working memory, and behavior. <i>Human Brain Mapping</i> , 2013 , 34, 2910-7	5.9	15
200	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
199	Risk-taking behavior in juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2013 , 54, 2158-65	6.4	45
198	Assessing hippocampal functional reserve in temporal lobe epilepsy: a multi-voxel pattern analysis of fMRI data. <i>Epilepsy Research</i> , 2013 , 105, 140-9	3	24
197	The effect of topiramate on cognitive fMRI. <i>Epilepsy Research</i> , 2013 , 105, 250-5	3	52
196	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
195	Feasibility of multimodal 3D neuroimaging to guide implantation of intracranial EEG electrodes. <i>Epilepsy Research</i> , 2013 , 107, 91-100	3	28
194	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
193	Quantification of opioid receptor availability following spontaneous epileptic seizures: correction of [11C]diprenorphine PET data for the partial-volume effect. <i>NeuroImage</i> , 2013 , 79, 72-80	7.9	14
192	De novo psychogenic nonepileptic attacks after adult epilepsy surgery: an underestimated entity. <i>Epilepsia</i> , 2013 , 54, e159-62	6.4	13
191	MRI in the diagnosis and management of epileptomas. <i>Epilepsia</i> , 2013 , 54 Suppl 9, 40-3	6.4	10
190	Memory reorganization following anterior temporal lobe resection: a longitudinal functional MRI study. <i>Brain</i> , 2013 , 136, 1889-900	11.2	65
189	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
188	Structural correlates of impaired working memory in hippocampal sclerosis. <i>Epilepsia</i> , 2013 , 54, 1143-53	6.4	45

187	Sinus node dysfunction: an adverse effect of lacosamide. <i>Epilepsia</i> , 2013 , 54, e90-3	6.4	32
186	Automated hippocampal segmentation in patients with epilepsy: available free online. <i>Epilepsia</i> , 2013 , 54, 2166-73	6.4	44
185	Susceptibility artefact correction by combining B0 field maps and non-rigid registration using graph cuts 2013 ,		1
184	Attenuation correction synthesis for hybrid PET-MR scanners. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 147-54	0.9	28
183	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
182	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
181	Correlating 3T MRI and histopathology in patients undergoing epilepsy surgery. <i>Journal of Neuroscience Methods</i> , 2012 , 205, 182-9	3	27
180	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
179	Memory in frontal lobe epilepsy: an fMRI study. <i>Epilepsia</i> , 2012 , 53, 1756-64	6.4	17
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3	Node abnormality predicts seizure outcome and relates to long-term relapse after epilepsy surgery		2
2	MELD Project: Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia		2
1	In vivo NMDA receptor function in people with NMDA receptor antibody encephalitis		1