

Fernando Cendes

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.

536
papers

19,538
citations

68
h-index

119
g-index

628
ext. papers

22,636
ext. citations

4.5
avg, IF

6.54
L-index

#	Paper	IF	Citations
536	Modulating Expression of Endogenous Interleukin 1 Beta in the Acute Phase of the Pilocarpine Model of Epilepsy May Change Animal Survival.. <i>Cellular and Molecular Neurobiology</i> , 2022 , 1	4.6	
535	Artificial Intelligence Applications in the Imaging of Epilepsy and Its Comorbidities: Present and Future.. <i>Epilepsy Currents</i> , 2022 , 22, 91-96	1.3	1
534	The Relationship Between Depression and Anxiety Symptoms of Adult PWE and Caregivers in a Tertiary Center.. <i>Frontiers in Neurology</i> , 2022 , 13, 766009	4.1	
533	Revisiting the use of proton magnetic resonance spectroscopy in distinguishing between primary and secondary malignant tumors of the central nervous system.. <i>Neuroradiology Journal</i> , 2022 , 19714009	3.221083145	
532	Circulating Metabolites as Biomarkers of Disease in Patients with Mesial Temporal Lobe Epilepsy. <i>Metabolites</i> , 2022 , 12, 446	5.6	
531	Patterns of default mode network in temporal lobe epilepsy with and without hippocampal sclerosis. <i>Epilepsy and Behavior</i> , 2021 , 121, 106523	3.2	5
530	Imaging characteristics of temporopolar blurring in the context of hippocampal sclerosis. <i>Epileptic Disorders</i> , 2021 ,	1.9	1
529	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2021 ,	6.4	5
528	Worsening of neuropsychiatric symptoms after six months from the acute COVID-19 infection in 1183 subjects. <i>Journal of the Neurological Sciences</i> , 2021 , 429, 119919	3.2	78
527	Motor skills dysfunction and fatigue persist after mild infection by SARS-CoV-2. <i>Journal of the Neurological Sciences</i> , 2021 , 429, 119920	3.2	78
526	ResectVol: A tool to automatically segment and characterize lacunas in brain images. <i>Epilepsia Open</i> , 2021 , 6, 720-726	4	2
525	ILAE Neuroimaging Task Force Highlight: harnessing optimized imaging protocols for drug-resistant childhood epilepsy. <i>Epileptic Disorders</i> , 2021 , 23, 675-681	1.9	1
524	Automated analysis of cortical volume loss predicts seizure outcomes after frontal lobectomy. <i>Epilepsia</i> , 2021 , 62, 1074-1084	6.4	3
523	Magnetic resonance imaging findings and clinical characteristics in mild malformation of cortical development with oligodendroglial hyperplasia and epilepsy in a predominantly adult cohort. <i>Epilepsia</i> , 2021 , 62, 1429-1441	6.4	2
522	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. <i>Epilepsia</i> , 2021 , 62, 1416-1428	6.4	12
521	Epilepsy care in China and its relevance for other countries. <i>Lancet Neurology, The</i> , 2021 , 20, 333-334	24.1	1
520	AB0457 HIPPOCAMPAL SUBFIELDS VOLUMES REDUCTION IN PATIENTS WITH SYSTEMIC SCLEROSIS: A LONGITUDINAL MAGNETIC RESONANCE IMAGING (MRI) VOLUMETRIC STUDY. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 1255.2-1256	2.4	

519	Automatic MR image quality evaluation using a Deep CNN: A reference-free method to rate motion artifacts in neuroimaging. <i>Computerized Medical Imaging and Graphics</i> , 2021 , 90, 101897	7.6	4
518	Brain Structural Signature of RFC1-Related Disorder. <i>Movement Disorders</i> , 2021 , 36, 2634-2641	7	5
517	Right Temporoparietal Junction Underlies Avoidance of Moral Transgression in Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2021 , 41, 1699-1715	6.6	5
516	Multi-omics analysis suggests enhanced epileptogenesis in the Cornu Ammonis 3 of the pilocarpine model of mesial temporal lobe epilepsy. <i>Hippocampus</i> , 2021 , 31, 122-139	3.5	9
515	Comparative analysis of the safety and tolerability of eslicarbazepine acetate in older (≥60 years) and younger (18-59 years) adults. <i>Epilepsy Research</i> , 2021 , 169, 106478	3	2
514	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
513	Brain Damage and Gene Expression Across Hereditary Spastic Paraplegia Subtypes. <i>Movement Disorders</i> , 2021 , 36, 1644-1653	7	11
512	Association Analysis of Candidate Variants in Admixed Brazilian Patients With Genetic Generalized Epilepsies. <i>Frontiers in Genetics</i> , 2021 , 12, 672304	4.5	0
511	Toward a refined genotype-phenotype classification scheme for the international consensus classification of Focal Cortical Dysplasia. <i>Brain Pathology</i> , 2021 , 31, e12956	6	5
510	Differences in structural and functional default mode network connectivity in amyloid positive mild cognitive impairment: a longitudinal study. <i>Neuroradiology</i> , 2021 , 1	3.2	0
509	Incorporation of quantitative MRI in a model to predict temporal lobe epilepsy surgery outcome. <i>Brain Communications</i> , 2021 , 3, fcab164	4.5	5
508	Inflammatory and neurotrophic factor plasma levels are related to epilepsy independently of etiology. <i>Epilepsia</i> , 2021 , 62, 2385-2394	6.4	5
507	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021 , 36, 2583-2594	7	9
506	Clinical variables that help in predicting the presence of autoantibodies in patients with acute encephalitis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 117-122	3.2	0
505	Multidimensional Approach Assessing the Role of Interleukin 1 Beta in Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2021 , 12, 690847	4.1	0
504	Longitudinal analysis of interictal electroencephalograms in patients with temporal lobe epilepsy with hippocampal sclerosis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 141-144	3.2	1
503	Cerebral Structure and Function in Stroke-free Patients with Atrial Fibrillation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105887	2.8	0
502	Improving the prediction of epilepsy surgery outcomes using basic scalp EEG findings. <i>Epilepsia</i> , 2021 , 62, 2439-2450	6.4	2

501	Multicenter Validation of a Deep Learning Detection Algorithm for Focal Cortical Dysplasia. <i>Neurology</i> , 2021 , 97, e1571-e1582	6.5	10
500	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2021 ,	5.2	2
499	Transsylvian amygdalohippocampectomy for mesial temporal lobe epilepsy: Comparison of three different approaches. <i>Epilepsia</i> , 2021 , 62, 439-449	6.4	3
498	Enhancing Safety in Epilepsy Surgery (EASINESS): Study Protocol for a Retrospective, Multicenter, Open Registry.. <i>Frontiers in Neurology</i> , 2021 , 12, 782666	4.1	
497	Histopathological Correlations of Qualitative and Quantitative Temporopolar MRI Analyses in Patients With Hippocampal Sclerosis.. <i>Frontiers in Neurology</i> , 2021 , 12, 801195	4.1	
496	Differences in structural and functional DMN connectivity in amyloid-positive AMCI who converted to AD dementia. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041219	1.2	
495	Differences in functional connectivity in mild cognitive impairment for amyloid-positive versus SNAP. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042600	1.2	
494	Hippocampal connectivity may predict cholinesterase inhibitors response in mild Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042675	1.2	
493	Revisiting the clinical impact of variants in EFHC1 in patients with different phenotypes of genetic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 112, 107469	3.2	3
492	UF2C âUser-Friendly Functional Connectivity: A neuroimaging toolbox for fMRI processing and analyses. <i>SoftwareX</i> , 2020 , 11, 100434	2.7	3
491	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2020 ,	5.9	18
490	A 5-Year Longitudinal Clinical and Magnetic Resonance Imaging Study in Spinocerebellar Ataxia Type 3. <i>Movement Disorders</i> , 2020 , 35, 1679-1684	7	3
489	Clinical Usefulness of SISCOM-SPM Compared to Visual Analysis to Locate the Epileptogenic Zone. <i>Frontiers in Neurology</i> , 2020 , 11, 467	4.1	5
488	Laser microdissection-based microproteomics of the hippocampus of a rat epilepsy model reveals regional differences in protein abundances. <i>Scientific Reports</i> , 2020 , 10, 4412	4.9	7
487	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
486	In Search of a New Paradigm for Functional Magnetic Resonance Experimentation With Language. <i>Frontiers in Neurology</i> , 2020 , 11, 588	4.1	
485	Angiogenesis-Related Genes in Endothelial Progenitor Cells May Be Involved in Sickle Cell Stroke. <i>Journal of the American Heart Association</i> , 2020 , 9, e014143	6	7
484	Interactions between in vivo neuronal-glia markers, side of hippocampal sclerosis, and pharmacoresponse in temporal lobe epilepsy. <i>Epilepsia</i> , 2020 , 61, 1008-1018	6.4	7

483	ILAE Neuroimaging Task Force highlight: Review MRI scans with semiology in mind. <i>Epileptic Disorders</i> , 2020 , 22, 683-687	1.9	1
482	Evaluation of the brain hemodynamic response by means of near-infrared spectroscopy (NIRS) monitoring in patients with atherosclerotic carotid disease undergoing endarterectomy. <i>Journal Vascular Brasileiro</i> , 2020 , 19, e20190027	0.9	0
481	Temporal lobe structural evaluation after transylvian selective amygdalohippocampectomy. <i>Neurosurgical Focus</i> , 2020 , 48, E14	4.2	6
480	Outcomes of resections that spare vs remove an MRI-normal hippocampus. <i>Epilepsia</i> , 2020 , 61, 2545-2557	7.4	4
479	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020 , 6,	14.3	18
478	Exploring the performance of outcome measures in MS for predicting cognitive and clinical progression in the following years. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 46, 102513	4	0
477	MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. <i>Epileptic Disorders</i> , 2020 , 22, 421-437	1.9	7
476	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2020 ,	5.9	5
475	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
474	Temporopolar amygdalohippocampectomy: seizure control and postoperative outcomes. <i>Journal of Neurosurgery</i> , 2020 , 134, 1044-1053	3.2	2
473	Radiologic evidence that hypothalamic gliosis is improved after bariatric surgery in obese women with type 2 diabetes. <i>International Journal of Obesity</i> , 2020 , 44, 178-185	5.5	13
472	Cognitive trajectories in relapsing-remitting multiple sclerosis: A longitudinal 6-year study. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1740-1751	5	11
471	Hippocampal Sclerosis Detection with NeuroQuant Compared with Neuroradiologists. <i>American Journal of Neuroradiology</i> , 2020 , 41, 591-597	4.4	14
470	Fractional anisotropy of the optic radiations correlates with the visual field after epilepsy surgery. <i>Neuroradiology</i> , 2019 , 61, 1425-1436	3.2	4
469	Effect of pioglitazone treatment on brown adipose tissue volume and activity and hypothalamic gliosis in patients with type 2 diabetes mellitus: a proof-of-concept study. <i>Acta Diabetologica</i> , 2019 , 56, 1333-1339	3.9	2
468	Distribution of local ancestry and evidence of adaptation in admixed populations. <i>Scientific Reports</i> , 2019 , 9, 13900	4.9	15
467	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	6.4	60
466	Intermittent perilesional edema and contrast enhancement in epilepsy with calcified neurocysticercosis may help to identify the seizure focus. <i>Epilepsia Open</i> , 2019 , 4, 351-354	4	1

465	Anatomical Fat Grafting for Reconstruction of Frontotemporal Contour Deformities After Neurosurgical and Craniofacial Surgical Interventions: A Symmetry Outcome Study. <i>World Neurosurgery</i> , 2019 , 127, e1064-e1082	2.1	5
464	Neurocysticercosis and Hippocampal Atrophy: MRI Findings and the Evolution of Viable or Calcified Cysts in Patients With Neurocysticercosis. <i>Frontiers in Neurology</i> , 2019 , 10, 449	4.1	5
463	Hippocampal atrophy disrupts the language network but not hemispheric language lateralization. <i>Epilepsia</i> , 2019 , 60, 744-755	6.4	3
462	Anxiety and depression symptoms disrupt resting state connectivity in patients with genetic generalized epilepsies. <i>Epilepsia</i> , 2019 , 60, 679-688	6.4	9
461	Clinical and MRI correlates of CSF neurofilament light chain levels in relapsing and progressive MS. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 30, 149-153	4	13
460	Major Depressive Disorder Associated With Reduced Cortical Thickness in Women With Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2019 , 10, 1398	4.1	6
459	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	6.4	47
458	Predicting the Outcome of Surgical Interventions for Epilepsy Using Imaging Biomarkers 2019 , 169-180		
457	Initial evidence for hypothalamic gliosis in children with obesity by quantitative T2 MRI and implications for blood oxygen-level dependent response to glucose ingestion. <i>Pediatric Obesity</i> , 2019 , 14, e12486	4.6	17
456	Evidence for a genetic effect in altered cortical surface area but not in cortical thinning in siblings of patients with mesial temporal lobe epilepsy: Commentary on: "Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study". <i>Epilepsia</i> , 2019 , 60, e6-e7	6.4	1
455	Normal cerebral cortical thickness in first-degree relatives of temporal lobe epilepsy patients. <i>Neurology</i> , 2019 , 92, e351-e358	6.5	5
454	Interactive patient-customized curvilinear reformatting for improving neurosurgical planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019 , 14, 851-859	3.9	1
453	Developmental and neurodegenerative damage in Friedreich's ataxia. <i>European Journal of Neurology</i> , 2019 , 26, 483-489	6	17
452	ATP Synthase Subunit Beta Immunostaining is Reduced in the Sclerotic Hippocampus of Epilepsy Patients. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 149-160	4.6	6
451	Dysregulation of NEUROG2 plays a key role in focal cortical dysplasia. <i>Annals of Neurology</i> , 2018 , 83, 623-635	9.4	10
450	Default Mode Network Disruption in Stroke-Free Patients with Atrial Fibrillation. <i>Cerebrovascular Diseases</i> , 2018 , 45, 78-84	3.2	7
449	Neurologist-patient communication about epilepsy in the United States, Spain, and Germany. <i>Neurology: Clinical Practice</i> , 2018 , 8, 93-101	1.7	6
448	Olfactory function in systemic lupus erythematosus and systemic sclerosis. A longitudinal study and review of the literature. <i>Autoimmunity Reviews</i> , 2018 , 17, 405-412	13.6	17

447	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018 , 141, 391-408	11.2	187
446	Genetic variation in predicts phenytoin-induced maculopapular exanthema in European-descent patients. <i>Neurology</i> , 2018 , 90, e332-e341	6.5	33
445	Systemic Inflammation and Multimodal Biomarkers in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 5689-5697	6.2	25
444	Anthracycline Therapy Is Associated With Cardiomyocyte Atrophy and Preclinical Manifestations of Heart Disease. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1045-1055	8.4	55
443	Differences in Cortical Structure and Functional MRI Connectivity in High Functioning Autism. <i>Frontiers in Neurology</i> , 2018 , 9, 539	4.1	32
442	Structural signature of SCA3: From presymptomatic to late disease stages. <i>Annals of Neurology</i> , 2018 , 84, 401-408	9.4	42
441	Toward a Multimodal Diagnostic Exploratory Visualization of Focal Cortical Dysplasia. <i>IEEE Computer Graphics and Applications</i> , 2018 , 38, 73-89	1.7	2
440	Epilepsy as a Network Disorder (2): What can we learn from other network disorders such as dementia and schizophrenia, and what are the implications for translational research?. <i>Epilepsy and Behavior</i> , 2018 , 78, 302-312	3.2	7
439	Is inpatient ictal video-electroencephalographic monitoring mandatory in mesial temporal lobe epilepsy with unilateral hippocampal sclerosis? A prospective study. <i>Epilepsia</i> , 2018 , 59, 410-419	6.4	16
438	Depressive disorders in patients with pharmaco-resistant mesial temporal lobe epilepsy. <i>Journal of International Medical Research</i> , 2018 , 46, 752-760	1.4	8
437	Deep Convolutional Networks for Automated Detection of Epileptogenic Brain Malformations. <i>Lecture Notes in Computer Science</i> , 2018 , 490-497	0.9	6
436	Is Diffusion Tensor Imaging a Good Biomarker for Early Parkinson's Disease?. <i>Frontiers in Neurology</i> , 2018 , 9, 626	4.1	20
435	Cognitive and structural cerebral changes in amnesic mild cognitive impairment due to Alzheimer's disease after multicomponent training. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018 , 4, 473-480	6	15
434	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5154-E5163	11.5	182
433	Clinical and Imaging Evaluation of Transuncus Selective Amygdalohippocampectomy. <i>World Neurosurgery</i> , 2017 , 100, 665-674	2.1	7
432	Cerebellar Gray Matter Alterations in Huntington Disease: A Voxel-Based Morphometry Study. <i>Cerebellum</i> , 2017 , 16, 923-928	4.3	10
431	Structural signature of classical versus late-onset friedreich's ataxia by Multimodality brain MRI. <i>Human Brain Mapping</i> , 2017 , 38, 4157-4168	5.9	11
430	Concurrent mood and anxiety disorders are associated with pharmaco-resistant seizures in patients with MTLE. <i>Epilepsia</i> , 2017 , 58, 1268-1276	6.4	53

429	17p13.3 Microdeletion: Insights on Genotype-Phenotype Correlation. <i>Molecular Syndromology</i> , 2017 , 8, 36-41	1.5	11
428	MicroRNA hsa-miR-134 is a circulating biomarker for mesial temporal lobe epilepsy. <i>PLoS ONE</i> , 2017 , 12, e0173060	3.7	28
427	Interferon- β s Associated with Cerebral Atrophy in Systemic Lupus Erythematosus. <i>NeuroImmunoModulation</i> , 2017 , 24, 100-105	2.5	4
426	Is cerebral microbleed prevalence relevant as a biomarker in amnesic mild cognitive impairment and mild Alzheimer's disease?. <i>Neuroradiology Journal</i> , 2017 , 30, 477-485	2	9
425	Sleep onset uncovers thalamic abnormalities in patients with idiopathic generalised epilepsy. <i>NeuroImage: Clinical</i> , 2017 , 16, 52-57	5.3	10
424	Differential Pattern of Cerebellar Atrophy in Tremor-Predominant and Akinetic/Rigidity-Predominant Parkinson's Disease. <i>Cerebellum</i> , 2017 , 16, 623-628	4.3	20
423	Abnormality in hippocampal signal intensity predicts atrophy in patients with systemic lupus erythematosus. <i>Lupus</i> , 2017 , 26, 633-639	2.6	4
422	Automated Online Quantification Method for F-FDG Positron Emission Tomography/CT Improves Detection of the Epileptogenic Zone in Patients with Pharmacoresistant Epilepsy. <i>Frontiers in Neurology</i> , 2017 , 8, 453	4.1	28
421	A Prediction Algorithm for Drug Response in Patients with Mesial Temporal Lobe Epilepsy Based on Clinical and Genetic Information. <i>PLoS ONE</i> , 2017 , 12, e0169214	3.7	13
420	Level of physical activity and aerobic capacity associate with quality of life in patients with temporal lobe epilepsy. <i>PLoS ONE</i> , 2017 , 12, e0181505	3.7	16
419	Exploratory structural assessment in craniocervical dystonia: Global and differential analyses. <i>PLoS ONE</i> , 2017 , 12, e0182735	3.7	7
418	Role of Pharmacogenomics in Antiepileptic Drug Therapy: Current Status and Future Perspectives. <i>Current Pharmaceutical Design</i> , 2017 , 23, 5760-5765	3.3	10
417	Cortical Envelope Modeling for Interactive Patient-Customized Curvilinear Reformatting in the Native Space. <i>Lecture Notes in Computer Science</i> , 2017 , 3-10	0.9	1
416	No evidence of disease activity in multiple sclerosis: Implications on cognition and brain atrophy. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 64-72	5	51
415	EEG-fMRI in the presurgical evaluation of temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 642-9	5.5	61
414	Neuroimaging of epilepsy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 136, 985-1014	3	80
413	Relation between aerobic fitness and brain structures in amnesic mild cognitive impairment elderly. <i>Age</i> , 2016 , 38, 51		14
412	Peripheral leukocyte profile in people with temporal lobe epilepsy reflects the associated proinflammatory state. <i>Brain, Behavior, and Immunity</i> , 2016 , 53, 123-130	16.6	25

411	Atrophy of reward-related striatal structures in fatigued MS patients is independent of physical disability. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 822-9	5	24
410	Longitudinal magnetic resonance imaging study shows progressive pyramidal and callosal damage in Friedreich's ataxia. <i>Movement Disorders</i> , 2016 , 31, 70-8	7	34
409	Effects of task complexity on activation of language areas in a semantic decision fMRI protocol. <i>Neuropsychologia</i> , 2016 , 81, 140-148	3.2	12
408	A spring to summer shift of pro-inflammatory cytokine production in multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , 2016 , 360, 37-40	3.2	5
407	Pattern of Reduced Functional Connectivity and Structural Abnormalities in Parkinson's Disease: An Exploratory Study. <i>Frontiers in Neurology</i> , 2016 , 7, 243	4.1	18
406	A comparative analysis of transcranial Doppler parameters acquired during carotid stenting and semi-eversion carotid endarterectomy. <i>Jornal Vascular Brasileiro</i> , 2016 , 15, 197-204	0.9	1
405	Does Side of Onset Influence the Pattern of Cerebral Atrophy in Parkinson's Disease?. <i>Frontiers in Neurology</i> , 2016 , 7, 145	4.1	6
404	Progression of gray matter atrophy in seizure-free patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2016 , 57, 621-9	6.4	41
403	Reduction of Cerebral and Corpus Callosum Volumes in Childhood-Onset Systemic Lupus Erythematosus: A Volumetric Magnetic Resonance Imaging Analysis. <i>Arthritis and Rheumatology</i> , 2016 , 68, 2193-9	9.5	8
402	In response: Brain atrophy in seizure-free temporal lobe epilepsy: Implications for predicting pharmacoresistance. <i>Epilepsia</i> , 2016 , 57, 856-7	6.4	
401	RNA sequencing reveals region-specific molecular mechanisms associated with epileptogenesis in a model of classical hippocampal sclerosis. <i>Scientific Reports</i> , 2016 , 6, 22416	4.9	12
400	Large-scale brain networks are distinctly affected in right and left mesial temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2016 , 37, 3137-52	5.9	73
399	Promise and pitfalls of prognostic models for epilepsy surgery-Authors' reply. <i>Lancet Neurology</i> , 2015 , 14, 684	24.1	6
398	T2 hyperintense signal in patients with temporal lobe epilepsy with MRI signs of hippocampal sclerosis and in patients with temporal lobe epilepsy with normal MRI. <i>Epilepsy and Behavior</i> , 2015 , 46, 103-8	3.2	9
397	Disruption of melatonin circadian rhythm production is related to multiple sclerosis severity: A preliminary study. <i>Journal of the Neurological Sciences</i> , 2015 , 353, 166-8	3.2	28
396	Subclinical MRI disease activity influences cognitive performance in MS patients. <i>Multiple Sclerosis and Related Disorders</i> , 2015 , 4, 137-43	4	19
395	Epilepsy: Can fMRI predict memory decline after temporal lobe resection?. <i>Nature Reviews Neurology</i> , 2015 , 11, 372-4	15	2
394	Modified Anterior Temporal Lobectomy: Anatomical Landmarks and Operative Technique. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2015 , 76, 407-14	1.1	8

393	White matter abnormalities associate with type and localization of focal epileptogenic lesions. <i>Epilepsia</i> , 2015 , 56, 125-32	6.4	40
392	The relevance of neuropsychiatric symptoms and cognitive problems in new-onset epilepsy - Current knowledge and understanding. <i>Epilepsy and Behavior</i> , 2015 , 51, 199-209	3.2	33
391	Interleukin-1 β plasma levels are associated with depression in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015 , 53, 131-4	3.2	16
390	Cerebral cortex involvement in Machado-Joseph disease. <i>European Journal of Neurology</i> , 2015 , 22, 277-83, e23-4	6	32
389	Aberrant topological patterns of brain structural network in temporal lobe epilepsy. <i>Epilepsia</i> , 2015 , 56, 1992-2002	6.4	39
388	Asymptomatic carotid stenosis is associated with gray and white matter damage. <i>International Journal of Stroke</i> , 2015 , 10, 1197-203	6.3	13
387	Multimodal MRI-based study in patients with SPG4 mutations. <i>PLoS ONE</i> , 2015 , 10, e0117666	3.7	28
386	Cortical correlates of affective syndrome in dementia due to Alzheimer's disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2015 , 73, 553-60	1.6	14
385	Patterns of seizure control in patients with mesial temporal lobe epilepsy with and without hippocampus sclerosis. <i>Arquivos De Neuro-Psiquiatria</i> , 2015 , 73, 79-82	1.6	8
384	Extreme Delta Brushes in Pediatric Anti-N-Methyl-DAspartate Receptor Encephalitis. <i>Journal of Neurology and Neuroscience</i> , 2015 , 06,	0	1
383	Distinct regulation of hypothalamic and brown/beige adipose tissue activities in human obesity. <i>International Journal of Obesity</i> , 2015 , 39, 1515-22	5.5	33
382	Development and validation of nomograms to provide individualised predictions of seizure outcomes after epilepsy surgery: a retrospective analysis. <i>Lancet Neurology</i> , 2015 , 14, 283-90	24.1	117
381	Serum BDNF levels are not reliable correlates of neurodegeneration in MS patients. <i>Multiple Sclerosis and Related Disorders</i> , 2015 , 4, 65-6	4	9
380	Neurocysticercotic Calcifications and Hippocampal Sclerosis: A Case-Control Study. <i>PLoS ONE</i> , 2015 , 10, e0131180	3.7	15
379	The effects of antiepileptic drugs on cognitive functional magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 238-46	3.6	14
378	White Matter Microstructure in Idiopathic Craniocervical Dystonia. <i>Tremor and Other Hyperkinetic Movements</i> , 2015 , 5,	2	4
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10	Hippocampal sclerosis363-372		
9	Characterization of the human cortex in MR images through the image foresting transform		2
8	SARS-CoV-2 infects brain astrocytes of COVID-19 patients and impairs neuronal viability		5
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5	Network-based atrophy modelling in the common epilepsies: a worldwide ENIGMA study		2
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