

Fernando Cendes

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2077447/fernando-cendes-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The clinicopathologic spectrum of focal cortical dysplasias: a consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission. <i>Epilepsia</i> , 2011 , 52, 158-74	6.4	1156
535	Texture analysis of medical images. <i>Clinical Radiology</i> , 2004 , 59, 1061-9	2.9	668
534	International consensus classification of hippocampal sclerosis in temporal lobe epilepsy: a Task Force report from the ILAE Commission on Diagnostic Methods. <i>Epilepsia</i> , 2013 , 54, 1315-29	6.4	572
533	Autosomal dominant nocturnal frontal lobe epilepsy. A distinctive clinical disorder. <i>Brain</i> , 1995 , 118 (Pt 1), 61-73	11.2	471
532	MRI volumetric measurement of amygdala and hippocampus in temporal lobe epilepsy. <i>Neurology</i> , 1993 , 43, 719-25	6.5	363
531	Early childhood prolonged febrile convulsions, atrophy and sclerosis of mesial structures, and temporal lobe epilepsy: an MRI volumetric study. <i>Neurology</i> , 1993 , 43, 1083-7	6.5	360
530	The consequences of refractory epilepsy and its treatment. <i>Epilepsy and Behavior</i> , 2014 , 37, 59-70	3.2	331
529	Autosomal dominant frontal epilepsy misdiagnosed as sleep disorder. <i>Lancet, The</i> , 1994 , 343, 515-7	4.0	305
528	Neuroimaging evidence of progressive neuronal loss and dysfunction in temporal lobe epilepsy. <i>Annals of Neurology</i> , 1999 , 45, 568-76	9.4	240
527	Normalization of neuronal metabolic dysfunction after surgery for temporal lobe epilepsy. Evidence from proton MR spectroscopic imaging. <i>Neurology</i> , 1997 , 49, 1525-33	6.5	228
526	Learning and retention of words and designs following excision from medial or lateral temporal-lobe structures. <i>Neuropsychologia</i> , 1997 , 35, 963-73	3.2	224
525	Atrophy of mesial structures in patients with temporal lobe epilepsy: cause or consequence of repeated seizures?. <i>Annals of Neurology</i> , 1993 , 34, 795-801	9.4	218
524	Proton magnetic resonance spectroscopic imaging and magnetic resonance imaging volumetry in the lateralization of temporal lobe epilepsy: a series of 100 patients. <i>Annals of Neurology</i> , 1997 , 42, 737-46	9.4	207
523	Lateralization of temporal lobe epilepsy based on regional metabolic abnormalities in proton magnetic resonance spectroscopic images. <i>Annals of Neurology</i> , 1994 , 35, 211-6	9.4	203
522	Temporal lobe epilepsy caused by domoic acid intoxication: evidence for glutamate receptor-mediated excitotoxicity in humans. <i>Annals of Neurology</i> , 1995 , 37, 123-6	9.4	196
521	Frequency and characteristics of dual pathology in patients with lesional epilepsy. <i>Neurology</i> , 1995 , 45, 2058-64	6.5	193
520	Mesial atrophy and outcome after amygdalohippocampectomy or temporal lobe removal. <i>Annals of Neurology</i> , 1996 , 40, 446-50	9.4	193

519	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018 , 141, 391-408	11.2	187
518	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
517	Volumetric magnetic resonance imaging. Clinical applications and contributions to the understanding of temporal lobe epilepsy. <i>Archives of Neurology</i> , 1997 , 54, 1521-31		176
516	Surgical outcome in patients with epilepsy and dual pathology. <i>Brain</i> , 1999 , 122 (Pt 5), 799-805	11.2	169
515	Asymmetrical hippocampal connectivity in mesial temporal lobe epilepsy: evidence from resting state fMRI. <i>BMC Neuroscience</i> , 2010 , 11, 66	3.2	157
514	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
513	Voxel-based morphometry reveals gray matter network atrophy in refractory medial temporal lobe epilepsy. <i>Archives of Neurology</i> , 2004 , 61, 1379-84		149
512	Relationship between atrophy of the amygdala and ictal fear in temporal lobe epilepsy. <i>Brain</i> , 1994 , 117 (Pt 4), 739-46	11.2	147
511	Voxel-based morphometry in patients with idiopathic generalized epilepsies. <i>NeuroImage</i> , 2006 , 32, 498-502	5.2	139
510	Familial perisylvian polymicrogyria: A new familial syndrome of cortical maldevelopment. <i>Annals of Neurology</i> , 2000 , 48, 39-48	9.4	132
509	Epileptic seizures in systemic lupus erythematosus. <i>Neurology</i> , 2004 , 63, 1808-12	6.5	124
508	Seizure frequency and lateralization affect progression of atrophy in temporal lobe epilepsy. <i>Neurology</i> , 2009 , 73, 834-42	6.5	123
507	Seizure outcome and hippocampal atrophy in familial mesial temporal lobe epilepsy. <i>Neurology</i> , 2001 , 56, 166-72	6.5	119
506	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
505	Familial temporal lobe epilepsy: a clinically heterogeneous syndrome. <i>Neurology</i> , 1998 , 50, 554-7	6.5	114
504	Neuropsychiatric symptoms in Alzheimer's disease are related to functional connectivity alterations in the salience network. <i>Human Brain Mapping</i> , 2014 , 35, 1237-46	5.9	113
503	Diagnosis of subtle focal dysplastic lesions: curvilinear reformatting from three-dimensional magnetic resonance imaging. <i>Annals of Neurology</i> , 1999 , 46, 88-94	9.4	111
502	Gray matter atrophy associated with duration of temporal lobe epilepsy. <i>NeuroImage</i> , 2006 , 32, 1070-9	7.9	108

501	Voxel-based morphometry of the thalamus in patients with refractory medial temporal lobe epilepsy. <i>NeuroImage</i> , 2005 , 25, 1016-21	7.9	106
500	3T MRI quantification of hippocampal volume and signal in mesial temporal lobe epilepsy improves detection of hippocampal sclerosis. <i>American Journal of Neuroradiology</i> , 2014 , 35, 77-83	4.4	103
499	Longitudinal analysis of gray and white matter loss in patients with systemic lupus erythematosus. <i>NeuroImage</i> , 2007 , 34, 694-701	7.9	99
498	Progressive hippocampal and extrahippocampal atrophy in drug resistant epilepsy. <i>Current Opinion in Neurology</i> , 2005 , 18, 173-7	7.1	99
497	Partial reversibility of hypothalamic dysfunction and changes in brain activity after body mass reduction in obese subjects. <i>Diabetes</i> , 2011 , 60, 1699-704	0.9	98
496	Magnetic resonance imaging evidence of hippocampal sclerosis in asymptomatic, first-degree relatives of patients with familial mesial temporal lobe epilepsy. <i>Archives of Neurology</i> , 2002 , 59, 1891-4		95
495	MRI of amygdala and hippocampus in temporal lobe epilepsy. <i>Journal of Computer Assisted Tomography</i> , 1993 , 17, 206-10	2.2	95
494	Hippocampal atrophy and T2-weighted signal changes in familial mesial temporal lobe epilepsy. <i>Neurology</i> , 2003 , 60, 405-9	6.5	93
493	Febrile seizures and mesial temporal sclerosis. <i>Current Opinion in Neurology</i> , 2004 , 17, 161-4	7.1	93
492	Neuronal metabolic dysfunction in patients with cortical developmental malformations: a proton magnetic resonance spectroscopic imaging study. <i>Neurology</i> , 1998 , 50, 755-9	6.5	92
491	Asymmetrical extra-hippocampal grey matter loss related to hippocampal atrophy in patients with medial temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007 , 78, 286-94	5.5	91
490	Cerebral and corpus callosum atrophy in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2783-9		91
489	Epilepsies associated with hippocampal sclerosis. <i>Acta Neuropathologica</i> , 2014 , 128, 21-37	14.3	89
488	Focal intermittent delta activity in patients with mesiotemporal atrophy: a reliable marker of the epileptogenic focus. <i>Epilepsia</i> , 1995 , 36, 122-9	6.4	89
487	Differences in memory performance and other clinical characteristics in patients with mesial temporal lobe epilepsy with and without hippocampal atrophy. <i>Epilepsy and Behavior</i> , 2004 , 5, 22-7	3.2	87
486	Longitudinal analysis of regional grey matter loss in Huntington disease: effects of the length of the expanded CAG repeat. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 130-5	5.5	85
485	Gray and white matter imbalance--typical structural abnormality underlying classic autism?. <i>Brain and Development</i> , 2008 , 30, 396-401	2.2	84
484	Memory and language impairments and their relationships to hippocampal and perirhinal cortex damage in patients with medial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2006 , 8, 593-600	3.2	81

483	Neuroimaging of epilepsy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 136, 985-1014	3	80
482	Hippocampal atrophy in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2006 , 65, 1585-94	2.4	79
481	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
480	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
479	Quantitative magnetic resonance imaging analyses and clinical significance of hyperintense white matter lesions in systemic lupus erythematosus patients. <i>Annals of Neurology</i> , 2008 , 64, 635-43	9.4	77
478	Surgical treatment of patients with single and dual pathology: relevance of lesion and of hippocampal atrophy to seizure outcome. <i>Neurology</i> , 1997 , 48, 437-44	6.5	76
477	Unilateral hippocampal sclerosis with contralateral temporal scalp ictal onset. <i>Epilepsia</i> , 2004 , 45, 792-802	2.4	76
476	Medial temporal lobe atrophy in patients with refractory temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003 , 74, 1627-30	5.5	76
475	Cerebellar volume and long-term use of phenytoin. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2003 , 12, 312-5	3.2	74
474	Is ictal recording mandatory in temporal lobe epilepsy? Not when the interictal electroencephalogram and hippocampal atrophy coincide. <i>Archives of Neurology</i> , 2000 , 57, 497-500		74
473	Neuroimaging findings in scleroderma en coup de sabre. <i>Neurology</i> , 2004 , 62, 1585-9	6.5	73
472	Corpus callosotomy in treatment of medically resistant epilepsy: preliminary results in a pediatric population. <i>Epilepsia</i> , 1993 , 34, 910-7	6.4	73
471	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
470	Relations between EEG seizure morphology, interhemispheric spread, and mesial temporal atrophy in bitemporal epilepsy. <i>Epilepsia</i> , 1997 , 38, 1300-14	6.4	72
469	Cerebral venous thrombosis: influence of risk factors and imaging findings on prognosis. <i>Clinical Neurology and Neurosurgery</i> , 2005 , 107, 371-8	2	69
468	MR imaging texture analysis of the corpus callosum and thalamus in amnesic mild cognitive impairment and mild Alzheimer disease. <i>American Journal of Neuroradiology</i> , 2011 , 32, 60-6	4.4	68
467	Acute psychosis in systemic lupus erythematosus. <i>Rheumatology International</i> , 2008 , 28, 237-43	3.6	68
466	Proton magnetic resonance spectroscopic imaging for discrimination of absence and complex partial seizures. <i>Annals of Neurology</i> , 1997 , 41, 74-81	9.4	64

465	Semantic error patterns on the Boston Naming Test in normal aging, amnesic mild cognitive impairment, and mild Alzheimer's disease: is there semantic disruption?. <i>Neuropsychology</i> , 2008 , 22, 703-9 ⁸	3.8	64
464	Benign mesial temporal lobe epilepsy. <i>Nature Reviews Neurology</i> , 2011 , 7, 237-40	15	63
463	Magnetic resonance imaging abnormalities in familial temporal lobe epilepsy with auditory auras. <i>Archives of Neurology</i> , 2003 , 60, 1546-51		63
462	Contribution of medial versus lateral temporal-lobe structures to human odour identification. <i>Brain</i> , 1997 , 120 (Pt 10), 1845-56	11.2	62
461	Voxel-based morphometry reveals excess gray matter concentration in patients with focal cortical dysplasia. <i>Epilepsia</i> , 2006 , 47, 908-15	6.4	62
460	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
459	Thalamic dysfunction in juvenile myoclonic epilepsy: a proton MRS study. <i>Epilepsia</i> , 2003 , 44, 1402-5	6.4	61
458	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
457	Neocortical atrophy in Machado-Joseph disease: a longitudinal neuroimaging study. <i>Journal of Neuroimaging</i> , 2012 , 22, 285-91	2.8	60
456	Interrelationship of genetics and prenatal injury in the genesis of malformations of cortical development. <i>Archives of Neurology</i> , 2002 , 59, 1147-53		60
455	Antiepileptic drug response in temporal lobe epilepsy: a clinical and MRI morphometry study. <i>Neurology</i> , 2010 , 75, 1695-701	6.5	59
454	Cognitive impairment and employment status in systemic lupus erythematosus: a prospective longitudinal study. <i>Arthritis and Rheumatism</i> , 2009 , 61, 680-7		58
453	Proton magnetic resonance spectroscopic imaging in patients with extratemporal epilepsy. <i>Epilepsia</i> , 1998 , 39, 267-73	6.4	58
452	Does resection of the medial temporal lobe improve the outcome of temporal lobe epilepsy surgery?. <i>Epilepsia</i> , 2007 , 48, 571-8	6.4	58
451	Nocturnal temporal lobe epilepsy. <i>Neurology</i> , 1998 , 50, 1772-7	6.5	58
450	Function and organization in dysgenic cortex. Case report. <i>Journal of Neurosurgery</i> , 1997 , 87, 113-21	3.2	57
449	Developmental language disorder associated with polymicrogyria. <i>Neurology</i> , 2002 , 59, 245-50	6.5	56
448	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

447	A multimodal evaluation of microstructural white matter damage in spinocerebellar ataxia type 3. <i>Movement Disorders</i> , 2013 , 28, 1125-32	7	55
446	Specificity of volumetric magnetic resonance imaging in detecting hippocampal sclerosis. <i>Archives of Neurology</i> , 1997 , 54, 67-73		55
445	MRI volumetry shows increased anterior thalamic volumes in patients with absence seizures. <i>Epilepsy and Behavior</i> , 2006 , 8, 575-80	3.2	55
444	Dynamic changes in white and gray matter volume are associated with outcome of surgical treatment in temporal lobe epilepsy. <i>NeuroImage</i> , 2010 , 49, 71-9	7.9	54
443	MRI reveals structural abnormalities in patients with idiopathic generalized epilepsy. <i>Neurology</i> , 2006 , 67, 848-52	6.5	54
442	Temporal lobe epilepsy in childhood: comprehensive neuropsychological assessment. <i>Journal of Child Neurology</i> , 2007 , 22, 836-40	2.5	54
441	Practice and perfect: length of training and structural brain changes in experienced typists. <i>NeuroReport</i> , 2007 , 18, 1063-6	1.7	54
440	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
439	A combined voxel-based morphometry and 1H-MRS study in patients with Friedreich's ataxia. <i>Journal of Neurology</i> , 2009 , 256, 1114-20	5.5	53
438	The effect of topiramate on cognitive fMRI. <i>Epilepsy Research</i> , 2013 , 105, 250-5	3	52
437	Structural brain abnormalities are related to retinal nerve fiber layer thinning and disease duration in neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 1189-97	5	52
436	Extrahippocampal gray matter atrophy and memory impairment in patients with medial temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2007 , 28, 1376-90	5.9	52
435	Time course of postoperative recovery of N-acetyl-aspartate in temporal lobe epilepsy. <i>Epilepsia</i> , 2001 , 42, 190-7	6.4	52
434	Evidence of reversible axonal dysfunction in systemic lupus erythematosus: a proton MRS study. <i>Brain</i> , 2005 , 128, 2933-40	11.2	52
433	Protocol for volumetric segmentation of medial temporal structures using high-resolution 3-D magnetic resonance imaging. <i>Human Brain Mapping</i> , 2004 , 22, 145-54	5.9	52
432	Intracranial aneurysms and sickle cell anemia: multiplicity and propensity for the vertebrobasilar territory. <i>Neurosurgery</i> , 1998 , 42, 971-7; discussion 977-8	3.2	52
431	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
430	Brain plasticity for verbal and visual memories in patients with mesial temporal lobe epilepsy and hippocampal sclerosis: an fMRI study. <i>Human Brain Mapping</i> , 2013 , 34, 186-99	5.9	51

429	Can exercise shape your brain? Cortical differences associated with judo practice. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 688-90	4.4	51
428	Striatal and extrastriatal atrophy in Huntington's disease and its relationship with length of the CAG repeat. <i>Brazilian Journal of Medical and Biological Research</i> , 2006 , 39, 1129-36	2.8	50
427	Texture analysis of hippocampal sclerosis. <i>Epilepsia</i> , 2003 , 44, 1546-50	6.4	49
426	Prognostic value of proton magnetic resonance spectroscopic imaging for surgical outcome in patients with intractable temporal lobe epilepsy and bilateral hippocampal atrophy. <i>Annals of Neurology</i> , 2000 , 47, 195-200	9.4	49
425	Imaging of axonal damage in vivo in Rasmussen's syndrome. <i>Brain</i> , 1995 , 118 (Pt 3), 753-8	11.2	49
424	Frequent seizures are associated with a network of gray matter atrophy in temporal lobe epilepsy with or without hippocampal sclerosis. <i>PLoS ONE</i> , 2014 , 9, e85843	3.7	48
423	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
422	Whole cortical and default mode network mean functional connectivity as potential biomarkers for mild Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 221, 37-42	2.9	47
421	EEG features in idiopathic generalized epilepsy: clues to diagnosis. <i>Epilepsia</i> , 2006 , 47, 523-8	6.4	45
420	Spatial extent of neuronal metabolic dysfunction measured by proton MR spectroscopic imaging in patients with localization-related epilepsy. <i>Epilepsia</i> , 2000 , 41, 666-74	6.4	45
419	Hypothalamic hamartomas and gelastic epilepsy: a spectroscopic study. <i>Neurology</i> , 1998 , 51, 1046-50	6.5	44
418	Structural signature of SCA3: From presymptomatic to late disease stages. <i>Annals of Neurology</i> , 2018 , 84, 401-408	9.4	42
417	Hippocampal abnormalities and seizure recurrence after antiepileptic drug withdrawal. <i>Neurology</i> , 2006 , 67, 134-6	6.5	42
416	Predicting surgical outcome in temporal lobe epilepsy patients using MRI and MRSI. <i>Neurology</i> , 2002 , 58, 1505-12	6.5	42
415	Increased neocortical spiking and surgical outcome after selective amygdalo-hippocampectomy. <i>Epilepsy Research</i> , 1993 , 16, 195-206	3	42
414	Widespread neuronal damage and cognitive dysfunction in spinocerebellar ataxia type 3. <i>Journal of Neurology</i> , 2013 , 260, 2370-9	5.5	41
413	Neuroimaging changes in mesial temporal lobe epilepsy are magnified in the presence of depression. <i>Epilepsy and Behavior</i> , 2010 , 19, 422-7	3.2	41
412	Differences in grey and white matter atrophy in amnesic mild cognitive impairment and mild Alzheimer's disease. <i>European Journal of Neurology</i> , 2009 , 16, 468-74	6	41

411	Efficacy of clobazam as add-on therapy in patients with refractory partial epilepsy. <i>Epilepsia</i> , 2001 , 42, 539-42	6.4	41
410	Progression of gray matter atrophy in seizure-free patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2016 , 57, 621-9	6.4	41
409	White matter abnormalities associate with type and localization of focal epileptogenic lesions. <i>Epilepsia</i> , 2015 , 56, 125-32	6.4	40
408	Significance of mesial temporal atrophy in relation to intracranial ictal and interictal stereo EEG abnormalities. <i>Brain</i> , 1996 , 119 (Pt 4), 1317-26	11.2	40
407	Neuroimaging of acute cerebellitis. <i>Journal of Neuroimaging</i> , 2002 , 12, 72-4	2.8	40
406	Brain single-photon emission computed tomography and magnetic resonance imaging in Machado-Joseph disease. <i>Archives of Neurology</i> , 2001 , 58, 1257-63		40
405	Proton magnetic resonance spectroscopic imaging suggests progressive neuronal damage in human temporal lobe epilepsy. <i>Progress in Brain Research</i> , 2002 , 135, 297-304	2.9	40
404	Late-onset drop attacks in temporal lobe epilepsy: a reevaluation of the concept of temporal lobe syncope. <i>Neurology</i> , 1994 , 44, 1074-8	6.5	40
403	Default mode, executive function, and language functional connectivity networks are compromised in mild Alzheimer's disease. <i>Current Alzheimer Research</i> , 2014 , 11, 274-82	3	40
402	Aberrant topological patterns of brain structural network in temporal lobe epilepsy. <i>Epilepsia</i> , 2015 , 56, 1992-2002	6.4	39
401	Clinical patterns of patients with temporal lobe epilepsy and pure amygdalar atrophy. <i>Epilepsia</i> , 1999 , 40, 453-61	6.4	39
400	Differences and the relationship in default mode network intrinsic activity and functional connectivity in mild Alzheimer's disease and amnesic mild cognitive impairment. <i>Brain Connectivity</i> , 2014 , 4, 567-74	2.7	38
399	The clinical impact of cerebellar grey matter pathology in multiple sclerosis. <i>PLoS ONE</i> , 2014 , 9, e96193	3.7	38
398	Outcome of surgical treatment in familial mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2003 , 44, 1080-4	6.4	38
397	Vascular involvement of the central nervous system and systemic diseases: etiologies and MRI findings. <i>Rheumatology International</i> , 2008 , 28, 1229-37	3.6	37
396	White and grey matter abnormalities in patients with SPG11 mutations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 828-33	5.5	36
395	Prognostic indicators for long-term disability in multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , 2013 , 324, 29-33	3.2	36
394	Comparison of short-term outcome between surgical and clinical treatment in temporal lobe epilepsy: a prospective study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006 , 15, 35-40	3.2	36

393	Proton magnetic resonance spectroscopic images and MRI volumetric studies for lateralization of temporal lobe epilepsy. <i>Magnetic Resonance Imaging</i> , 1995 , 13, 1187-91	3.3	36
392	Confirmation of the SCA-2 locus as an alternative locus for dominantly inherited spinocerebellar ataxias and refinement of the candidate region. <i>American Journal of Human Genetics</i> , 1994 , 54, 774-81	11	36
391	Retrospective evaluation of the validity of the Thoracolumbar Injury Classification System in 458 consecutively treated patients. <i>Spine Journal</i> , 2013 , 13, 1760-5	4	35
390	Sleep symptoms and their clinical correlates in Machado-Joseph disease. <i>Acta Neurologica Scandinavica</i> , 2009 , 119, 277-80	3.8	35
389	Prospective neuroimaging study in hereditary spastic paraplegia with thin corpus callosum. <i>Movement Disorders</i> , 2007 , 22, 1556-62	7	35
388	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
387	Dentate nuclei T2 relaxometry is a reliable neuroimaging marker in Friedreich's ataxia. <i>European Journal of Neurology</i> , 2014 , 21, 1131-1136	6	34
386	Mesial temporal lobe epilepsy: clinical and neuropathologic findings of familial and sporadic forms. <i>Epilepsia</i> , 2008 , 49, 1046-54	6.4	34
385	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
384	Genetic variation in predicts phenytoin-induced maculopapular exanthema in European-descent patients. <i>Neurology</i> , 2018 , 90, e332-e341	6.5	33
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	Learning, retrieval, and recognition are compromised in aMCI and mild AD: are distinct episodic memory processes mediated by the same anatomical structures?. <i>Journal of the International Neuropsychological Society</i> , 2010 , 16, 205-9	3.1	33
381	Amygdalae calcifications associated with disease duration in lipid proteinosis. <i>Journal of Neuroimaging</i> , 2006 , 16, 154-6	2.8	33
380	Neuroimaging in pineal tumors 2006 , 16, 52-8		33
379	Seizures and cerebral schistosomiasis. <i>Archives of Neurology</i> , 2005 , 62, 1008-10		33
378	Medial temporal lobe neuronal damage in temporal and extratemporal lesional epilepsy. <i>Neurology</i> , 2000 , 54, 1465-70	6.5	33
377	Curvilinear reconstruction of 3D magnetic resonance imaging in patients with partial epilepsy: a pilot study. <i>Magnetic Resonance Imaging</i> , 1995 , 13, 1107-12	3.3	33
376	Cerebral cortex involvement in Machado-Joseph disease. <i>European Journal of Neurology</i> , 2015 , 22, 277-83, e23-4	6	32

375	Differences in Cortical Structure and Functional MRI Connectivity in High Functioning Autism. <i>Frontiers in Neurology</i> , 2018 , 9, 539	4.1	32
374	Neurometabolic changes in normal white matter may predict appearance of hyperintense lesions in systemic lupus erythematosus. <i>Lupus</i> , 2007 , 16, 963-71	2.6	32
373	Clinical presentation of juvenile Huntington disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2006 , 64, 5-9	1.6	32
372	Menstrual cycle worsening of epileptic seizures in women with symptomatic focal epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2005 , 63, 751-6	1.6	32
371	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
370	Imaging findings of Ewing's sarcoma in the mandible. <i>Journal of Oral Science</i> , 2007 , 49, 167-71	1.5	31
369	Axonal dysfunction in the deep white matter in Machado-Joseph disease. <i>Journal of Neuroimaging</i> , 2009 , 19, 9-12	2.8	29
368	Focal transient lesion in the splenium of the corpus callosum in three non-epileptic patients. <i>Neuroradiology</i> , 2006 , 48, 731-5	3.2	29
367	Patterns of hippocampal abnormalities in malformations of cortical development. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 367-71	5.5	29
366	Artifacts in brain magnetic resonance imaging due to metallic dental objects. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2009 , 14, E278-82	2.6	29
365	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
364	MicroRNA hsa-miR-134 is a circulating biomarker for mesial temporal lobe epilepsy. <i>PLoS ONE</i> , 2017 , 12, e0173060	3.7	28
363	Spinal cord atrophy correlates with disability in Friedreich's ataxia. <i>Cerebellum</i> , 2013 , 12, 43-7	4.3	28
362	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
361	Multimodal MRI-based study in patients with SPG4 mutations. <i>PLoS ONE</i> , 2015 , 10, e0117666	3.7	28
360	Amygdala Enlargement in Patients with Mesial Temporal Lobe Epilepsy without Hippocampal Sclerosis. <i>Frontiers in Neurology</i> , 2013 , 4, 166	4.1	28
359	Progression of ataxia in patients with Machado-Joseph disease. <i>Movement Disorders</i> , 2009 , 24, 1387-90	7	28
358	Distribution of regional gray matter abnormalities in a pediatric population with temporal lobe epilepsy and correlation with neuropsychological performance. <i>Epilepsy and Behavior</i> , 2007 , 11, 558-66	3.2	28

357	Distinct functional and structural MRI abnormalities in mesial temporal lobe epilepsy with and without hippocampal sclerosis. <i>Epilepsia</i> , 2014 , 55, 1187-96	6.4	27
356	Specific language impairment: linguistic and neurobiological aspects. <i>Arquivos De Neuro-Psiquiatria</i> , 2006 , 64, 173-80	1.6	27
355	Focal transient lesions of the corpus callosum in systemic lupus erythematosus. <i>Clinical Rheumatology</i> , 2006 , 25, 568-71	3.9	27
354	Temporomandibular Joint Internal Derangement: Association with Headache, Joint Effusion, Bruxism, and Joint Pain. <i>Journal of Contemporary Dental Practice</i> , 2008 , 9, 9-16	0.7	27
353	SARS-CoV-2 infects brain astrocytes of COVID-19 patients and impairs neuronal viability		27
352	Familial perisylvian polymicrogyria: a new familial syndrome of cortical maldevelopment. <i>Annals of Neurology</i> , 2000 , 48, 39-48	9.4	27
351	Structural abnormalities of the thalamus in juvenile myoclonic epilepsy. <i>Epilepsy and Behavior</i> , 2011 , 21, 407-11	3.2	26
350	Voxel-based morphometry and epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2010 , 10, 975-84	4.3	26
349	White matter abnormalities in patients with focal cortical dysplasia revealed by diffusion tensor imaging analysis in a voxelwise approach. <i>Frontiers in Neurology</i> , 2012 , 3, 121	4.1	26
348	Proton MRS may predict AED response in patients with TLE. <i>Epilepsia</i> , 2010 , 51, 783-8	6.4	26
347	Cerebellar ataxia in systemic lupus erythematosus. <i>Lupus</i> , 2008 , 17, 1122-6	2.6	26
346	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
345	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
344	Epilepsy as progressive disorders: what is the evidence that can guide our clinical decisions and how can neuroimaging help?. <i>Epilepsy and Behavior</i> , 2013 , 26, 313-21	3.2	25
343	Amygdala enlargement occurs in patients with mesial temporal lobe epilepsy and hippocampal sclerosis with early epilepsy onset. <i>Epilepsy and Behavior</i> , 2013 , 29, 390-4	3.2	25
342	Diffuse decreased gray matter in patients with idiopathic craniocervical dystonia: a voxel-based morphometry study. <i>Frontiers in Neurology</i> , 2014 , 5, 283	4.1	25
341	Value of extent of hippocampal resection in the surgical treatment of temporal lobe epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2004 , 62, 15-20	1.6	25
340	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

339	Volumetric brain changes in thalamus, corpus callosum and medial temporal structures: mild Alzheimer's disease compared with amnesic mild cognitive impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012 , 34, 149-55	2.6	24
338	Effect of scanner acoustic background noise on strict resting-state fMRI. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 359-67	2.8	24
337	Auditory processing disorder in perisylvian syndrome. <i>Brain and Development</i> , 2010 , 32, 299-304	2.2	24
336	Bilateral posterior parietal polymicrogyria: a mild form of congenital bilateral perisylvian syndrome?. <i>Epilepsia</i> , 2001 , 42, 845-9	6.4	24
335	Late onset temporal lobe epilepsy with MRI evidence of mesial temporal sclerosis following acute neurocysticercosis: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2001 , 59, 255-8	1.6	24
334	The relation of spike foci and of clinical seizure characteristics to different patterns of mesial temporal atrophy. <i>Archives of Neurology</i> , 1995 , 52, 287-93		24
333	Quantifying the pattern of optic tract degeneration in human hemianopia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 379-86	5.5	23
332	Texture analysis of magnetic resonance images of patients with juvenile myoclonic epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 27, 22-8	3.2	23
331	Magnetic Resonance Spectroscopy in Epilepsy: Clinical Issues. <i>Epilepsia</i> , 2002 , 43, 32-39	6.4	23
330	Severe Amnesia in Epilepsy: Causes, Anatomopsychological Considerations, and Treatment. <i>Epilepsy and Behavior</i> , 2001 , 2, 224-246	3.2	23
329	Demonstration project on epilepsy in Brazil: outcome assessment. <i>Arquivos De Neuro-Psiquiatria</i> , 2007 , 65 Suppl 1, 58-62	1.6	23
328	Neuroimaging of the cortical dysplasias. <i>Neurology</i> , 2004 , 62, S27-9	6.5	22
327	Focal Cortical Dysplasia: Improving Diagnosis and Localization With Magnetic Resonance Imaging Multiplanar and Curvilinear Reconstruction. <i>Journal of Neuroimaging</i> , 2002 , 12, 224-230	2.8	21
326	Lateralization of temporal lobe epilepsy (TLE) and discrimination of TLE from extra-TLE using pattern analysis of magnetic resonance spectroscopic and volumetric data. <i>Epilepsia</i> , 2000 , 41, 832-42	6.4	21
325	Cytokines and intrathecal IgG synthesis in multiple sclerosis patients during clinical remission. <i>Arquivos De Neuro-Psiquiatria</i> , 2005 , 63, 914-9	1.6	21
324	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
323	Relationship between environmental factors and gray matter atrophy in refractory MTLE. <i>Neurology</i> , 2010 , 74, 1062-8	6.5	20
322	MRI and EEG as long-term seizure outcome predictors in familial mesial temporal lobe epilepsy. <i>Neurology</i> , 2012 , 79, 2349-54	6.5	20

321	Demonstration Project on Epilepsy in Brazil: situation assessment. <i>Arquivos De Neuro-Psiquiatria</i> , 2007 , 65 Suppl 1, 5-13	1.6	20
320	Comparison of conventional MRI and 3D reconstruction model for evaluation of temporomandibular joint. <i>Surgical and Radiologic Anatomy</i> , 2008 , 30, 663-7	1.4	20
319	MRI shows dorsal lesions and spinal cord atrophy in chronic sensory neuronopathies. <i>Journal of Neuroimaging</i> , 2008 , 18, 168-72	2.8	20
318	Voxel-based morphometry of brain SPECT can detect the presence of active central nervous system involvement in systemic lupus erythematosus. <i>Rheumatology</i> , 2007 , 46, 467-72	3.9	20
317	Is Diffusion Tensor Imaging a Good Biomarker for Early Parkinson's Disease?. <i>Frontiers in Neurology</i> , 2018 , 9, 626	4.1	20
316	Subclinical MRI disease activity influences cognitive performance in MS patients. <i>Multiple Sclerosis and Related Disorders</i> , 2015 , 4, 137-43	4	19
315	Evidence of thalamic dysfunction in Huntington disease by proton magnetic resonance spectroscopy. <i>Movement Disorders</i> , 2007 , 22, 2052-6	7	19
314	Evidence of memory impairment in asymptomatic individuals with hippocampal atrophy. <i>Epilepsy and Behavior</i> , 2004 , 5, 981-7	3.2	19
313	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2020 ,	5.9	18
312	Functional magnetic resonance imaging networks induced by intracranial stimulation may help defining the epileptogenic zone. <i>Brain Connectivity</i> , 2014 , 4, 286-98	2.7	18
311	Structural connectivity of the default mode network and cognition in Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 223, 15-22	2.9	18
310	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
309	Auditory processing disorder in patients with language-learning impairment and correlation with malformation of cortical development. <i>Brain and Development</i> , 2011 , 33, 824-31	2.2	18
308	Prospective study of peripheral neuropathy in Machado-Joseph disease. <i>Muscle and Nerve</i> , 2009 , 40, 1012-8	3.4	18
307	Correlation between quantitative EEG and MRI in idiopathic generalized epilepsy. <i>Human Brain Mapping</i> , 2010 , 31, 1327-38	5.9	18
306	A new candidate locus for bilateral perisylvian polymicrogyria mapped on chromosome Xq27. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 1151-7	2.5	18
305	Epileptic features of patients with unilateral and bilateral schizencephaly. <i>Journal of Child Neurology</i> , 2006 , 21, 757-60	2.5	18
304	Epilepsy due to a destructive brain lesion caused by a scorpion sting. <i>Archives of Neurology</i> , 2004 , 61, 1294-6		18

303	Late-onset temporal lobe epilepsy and dilatation of the hippocampal sulcus by an enlarged Virchow-Robin space. <i>Neurology</i> , 1998 , 50, 784-7	6.5	18
302	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020 , 6,	14.3	18
301	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
300	MRI-texture analysis of corpus callosum, thalamus, putamen, and caudate in Machado-Joseph disease. <i>Journal of Neuroimaging</i> , 2012 , 22, 46-52	2.8	17
299	Neuroanatomical correlates of depression in Friedreich's ataxia: a voxel-based morphometry study. <i>Cerebellum</i> , 2013 , 12, 429-36	4.3	17
298	Neuroimaging in investigation of patients with epilepsy. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2013 , 19, 623-42	3	17
297	Electrical stimulation during gait promotes increase of muscle cross-sectional area in quadriplegics: a preliminary study. <i>Clinical Orthopaedics and Related Research</i> , 2009 , 467, 553-7	2.2	17
296	The international cooperative ataxia rating scale in Machado-Joseph disease. Comparison with the unified multiple system atrophy rating scale. <i>Movement Disorders</i> , 2007 , 22, 1976-9	7	17
295	Hippocampal atrophy and neurocysticercosis calcifications. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005 , 14, 85-8	3.2	17
294	Acute psychotic disorders induced by topiramate: report of two cases. <i>Arquivos De Neuro-Psiquiatria</i> , 2002 , 60, 285-7	1.6	17
293	Mesial temporal lobe epilepsy syndrome: an updated overview. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2005 , 11, 141-144		17
292	Electroclinical and pathological studies after parenteral administration of domoic acid in freely moving nonanesthetized rats: An animal model of excitotoxicity. <i>Journal of Epilepsy</i> , 1996 , 9, 87-93		17
291	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
290	Developmental and neurodegenerative damage in Friedreich's ataxia. <i>European Journal of Neurology</i> , 2019 , 26, 483-489	6	17
289	Interleukin-1β plasma levels are associated with depression in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015 , 53, 131-4	3.2	16
288	Infratentorial gray matter atrophy and excess in primary craniocervical dystonia. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 198-203	3.6	16
287	Long-term postoperative atrophy of contralateral hippocampus and cognitive function in unilateral refractory MTLE with unilateral hippocampal sclerosis. <i>Epilepsy and Behavior</i> , 2014 , 36, 108-14	3.2	16
286	Congenital bilateral perisylvian syndrome: familial occurrence, clinical and psycholinguistic aspects correlated with MRI. <i>Neuropediatrics</i> , 2008 , 39, 139-45	1.6	16

285	Lexical semantic memory in amnesic mild cognitive impairment and mild Alzheimer's disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2007 , 65, 619-22	1.6	16
284	Magnetic resonance spectroscopy in the evaluation of central nervous system manifestations of systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2006 , 55, 807-11		16
283	Clinical and electroencephalographic features of patients with polymicrogyria. <i>Journal of Clinical Neurophysiology</i> , 2007 , 24, 244-51	2.2	16
282	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
281	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
280	Distribution of local ancestry and evidence of adaptation in admixed populations. <i>Scientific Reports</i> , 2019 , 9, 13900	4.9	15
279	Characterization of language and reading skills in familial polymicrogyria. <i>Brain and Development</i> , 2008 , 30, 254-60	2.2	15
278	Brain tumor-like lesion in Behçet disease. <i>Rheumatology International</i> , 2006 , 26, 577-80	3.6	15
277	Spectroscopic imaging of frontal neuronal dysfunction in hyperekplexia. <i>Brain</i> , 1998 , 121 (Pt 8), 1507-12	11.2	15
276	Neurocysticercotic Calcifications and Hippocampal Sclerosis: A Case-Control Study. <i>PLoS ONE</i> , 2015 , 10, e0131180	3.7	15
275	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
274	Relation between aerobic fitness and brain structures in amnesic mild cognitive impairment elderly. <i>Age</i> , 2016 , 38, 51		14
273	Memory impairment is not necessarily related to seizure frequency in mesial temporal lobe epilepsy with hippocampal sclerosis. <i>Epilepsia</i> , 2014 , 55, 1197-204	6.4	14
272	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
271	Understanding the spectrum of temporal lobe epilepsy: contributions for the development of individualized therapies. <i>Expert Review of Neurotherapeutics</i> , 2013 , 13, 1383-94	4.3	14
270	Longitudinal MRI volumetric evaluation in patients with familial mesial temporal lobe epilepsy. <i>Frontiers in Neurology</i> , 2011 , 2, 5	4.1	14
269	Classification of brain tumor extracts by high resolution ¹ H MRS using partial least squares discriminant analysis. <i>Brazilian Journal of Medical and Biological Research</i> , 2011 , 44, 149-64	2.8	14
268	Vaccinations and febrile seizures. <i>Epilepsia</i> , 2011 , 52 Suppl 3, 23-5	6.4	14

267	Thalamic volume and dystonia in Machado-Joseph disease. <i>Journal of Neuroimaging</i> , 2011 , 21, e91-3	2.8	14
266	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
265	Hippocampal Sclerosis Detection with NeuroQuant Compared with Neuroradiologists. <i>American Journal of Neuroradiology</i> , 2020 , 41, 591-597	4.4	14
264	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
263	Asymptomatic carotid stenosis is associated with gray and white matter damage. <i>International Journal of Stroke</i> , 2015 , 10, 1197-203	6.3	13
262	Neuroimaging predictors of AED resistance in new-onset epilepsies. <i>Epilepsia</i> , 2011 , 52 Suppl 4, 7-9	6.4	13
261	White Matter Atrophy in Patients with Mesial Temporal Lobe Epilepsy: Voxel-Based Morphometry Analysis of T1- and T2-Weighted MR Images. <i>Radiology Research and Practice</i> , 2012 , 2012, 481378	2.3	13
260	Mutation screening in a cohort of patients with lissencephaly and subcortical band heterotopia. <i>Neurology</i> , 2004 , 62, 799-802	6.5	13
259	Clobazam as add-on therapy for temporal lobe epilepsy and hippocampal sclerosis. <i>Canadian Journal of Neurological Sciences</i> , 2005 , 32, 93-6	1	13
258	Crossed cerebellar atrophy in patients with precocious destructive brain insults. <i>Archives of Neurology</i> , 2002 , 59, 843-7		13
257	Magnetic resonance imaging in the evaluation of patients with aseptic meningoencephalitis and connective tissue disorders. <i>Arquivos De Neuro-Psiquiatria</i> , 2000 , 58, 45-51	1.6	13
256	Focal Cortical Dysplasia: Improving Diagnosis and Localization With Magnetic Resonance Imaging Multiplanar and Curvilinear Reconstruction 2002 , 12, 224		13
255	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
254	Assessment of the epilepsy treatment gap in two cities of south-east of Brazil. <i>Arquivos De Neuro-Psiquiatria</i> , 2004 , 62, 761-3	1.6	13
253	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
252	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
251	DTI voxelwise analysis did not differentiate older depressed patients from older subjects without depression. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1643-9	5.2	12
250	Depression in patients with refractory temporal lobe epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2011 , 69, 775-7	1.6	12

249	Muscle hypertrophy in quadriplegics with combined electrical stimulation and body weight support training. <i>International Journal of Rehabilitation Research</i> , 2008 , 31, 171-5	1.8	12
248	Clinical, electroencephalographic, and behavioral features of temporal lobe epilepsy in childhood. <i>Journal of Child Neurology</i> , 2004 , 19, 418-23	2.5	12
247	Clinical and genetic heterogeneity in familial temporal lobe epilepsy. <i>Epilepsia</i> , 2002 , 43 Suppl 5, 136	6.4	12
246	Intrapartum complications associated with malformations of cortical development. <i>Journal of Child Neurology</i> , 2005 , 20, 675-8	2.5	12
245	Statistical voxel-wise analysis of ictal SPECT reveals pattern of abnormal perfusion in patients with temporal lobe epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2005 , 63, 977-83	1.6	12
244	The clinical spectrum of malformations of cortical development. <i>Arquivos De Neuro-Psiquiatria</i> , 2007 , 65, 196-201	1.6	12
243	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
242	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
241	Dual pathology and its clinical relevance. <i>Advances in Neurology</i> , 1999 , 81, 153-64		12
240	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
239	17p13.3 Microdeletion: Insights on Genotype-Phenotype Correlation. <i>Molecular Syndromology</i> , 2017 , 8, 36-41	1.5	11
238	The association between periodontal disease and seizure severity in refractory epilepsy patients. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014 , 23, 227-30	3.2	11
237	Refractory epilepsy is highly associated with severe dentoalveolar and maxillofacial injuries. <i>Epileptic Disorders</i> , 2011 , 13, 61-4	1.9	11
236	Temporal auditory processing: correlation with developmental dyslexia and cortical malformation. <i>Pr@fono: Revista De Atualiza@o Cient@fica</i> , 2010 , 22, 537-42		11
235	MRI findings in the diagnosis and monitoring of Rasmussen's encephalitis. <i>Arquivos De Neuro-Psiquiatria</i> , 2009 , 67, 792-7	1.6	11
234	Neuroimaging for the prediction of response to medical and surgical treatment in epilepsy. <i>Expert Opinion on Medical Diagnostics</i> , 2012 , 6, 295-308		11
233	FCD segmentation using texture asymmetry of MR-T1 images of the brain 2008 ,		11
232	Category verbal fluency performance may be impaired in amnesic mild cognitive impairment. <i>Dementia E Neuropsychologia</i> , 2007 , 1, 161-165	2.1	11

231	Temporal lobe hypogenesis associated with arachnoid cyst in patients with epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2003 , 61, 327-9	1.6	11
230	Daytime outpatient versus inpatient video-EEG monitoring for presurgical evaluation in temporal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2002 , 19, 204-8	2.2	11
229	Neuronal dysfunction in children with newly diagnosed temporal lobe epilepsy. <i>Pediatric Neurology</i> , 2000 , 22, 281-6	2.9	11
228	Dyskinesia induced by phenytoin. <i>Arquivos De Neuro-Psiquiatria</i> , 1999 , 57, 356-60	1.6	11
227	Cognitive trajectories in relapsing-remitting multiple sclerosis: A longitudinal 6-year study. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1740-1751	5	11
226	Brain Damage and Gene Expression Across Hereditary Spastic Paraplegia Subtypes. <i>Movement Disorders</i> , 2021 , 36, 1644-1653	7	11
225	Cerebellar Gray Matter Alterations in Huntington Disease: A Voxel-Based Morphometry Study. <i>Cerebellum</i> , 2017 , 16, 923-928	4.3	10
224	Dysregulation of NEUROG2 plays a key role in focal cortical dysplasia. <i>Annals of Neurology</i> , 2018 , 83, 623-635	9.4	10
223	A comparison between different reference genes for expression studies in human hippocampal tissue. <i>Journal of Neuroscience Methods</i> , 2012 , 208, 44-7	3	10
222	Sleep onset uncovers thalamic abnormalities in patients with idiopathic generalised epilepsy. <i>NeuroImage: Clinical</i> , 2017 , 16, 52-57	5.3	10
221	Coordinated and circumlocutory semantic naming errors are related to anterolateral temporal lobes in mild AD, amnesic mild cognitive impairment, and normal aging. <i>Journal of the International Neuropsychological Society</i> , 2010 , 16, 1099-107	3.1	10
220	Interictal EEG in temporal lobe epilepsy in childhood. <i>Journal of Clinical Neurophysiology</i> , 2007 , 24, 11-5	2.2	10
219	Familial temporal lobe epilepsy with auditory features. <i>Epilepsia</i> , 2005 , 46 Suppl 10, 59-60	6.4	10
218	The importance of accurate anatomic assessment for the volumetric analysis of the amygdala. <i>Brazilian Journal of Medical and Biological Research</i> , 2005 , 38, 409-18	2.8	10
217	EEG background delta activity in temporal lobe epilepsy: correlation with volumetric and spectroscopic imaging. <i>Epilepsia</i> , 1999 , 40, 1580-6	6.4	10
216	Role of Pharmacogenomics in Antiepileptic Drug Therapy: Current Status and Future Perspectives. <i>Current Pharmaceutical Design</i> , 2017 , 23, 5760-5765	3.3	10
215	Multicenter Validation of a Deep Learning Detection Algorithm for Focal Cortical Dysplasia. <i>Neurology</i> , 2021 , 97, e1571-e1582	6.5	10
214	Anxiety and depression symptoms disrupt resting state connectivity in patients with genetic generalized epilepsies. <i>Epilepsia</i> , 2019 , 60, 679-688	6.4	9

213	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
212	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
211	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
210	Temporomandibular dysfunction post-craniotomy: evaluation between pre- and post-operative status. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014 , 42, 1475-9	3.6	9
209	Carotid stenting versus endarterectomy cognitive outcomes. <i>Annals of Vascular Surgery</i> , 2014 , 28, 893-900		9
208	Neurolupus. <i>Archives of Neurology</i> , 2006 , 63, 458-60		9
207	T2-weighted and T2 relaxometry images in patients with medial temporal lobe epilepsy. <i>Journal of Neuroimaging</i> , 2006 , 16, 260-5	2.8	9
206	Hypertrophic pachymeningitis: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2003 , 61, 107-11	1.6	9
205	Lateralization of epileptiform discharges in patients with epilepsy and precocious destructive brain insults. <i>Arquivos De Neuro-Psiquiatria</i> , 2004 , 62, 1-8	1.6	9
204	Quantification of Hippocampal Signal Intensity in Patients with Mesial Temporal Lobe Epilepsy. <i>Journal of Neuroimaging</i> , 2003 , 13, 228-233	2.8	9
203	Structural abnormalities are similar in familial and nonfamilial mesial temporal lobe epilepsy. <i>Canadian Journal of Neurological Sciences</i> , 2004 , 31, 368-72	1	9
202	Association of family history of epilepsy with earlier age at seizure onset in patients with focal cortical dysplasia. <i>Mayo Clinic Proceedings</i> , 2002 , 77, 1291-4	6.4	9
201	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
200	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021 , 36, 2583-2594	7	9
199	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
198	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
197	Memory in children with symptomatic temporal lobe epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2014 , 72, 184-9	1.6	8
196	Effects of method and MRI slice thickness on entorhinal cortex volumetry. <i>NeuroReport</i> , 2003 , 14, 1291-5	5.7	8

195	Is low antiepileptic drug dose effective in long-term seizure-free patients?. <i>Arquivos De Neuro-Psiquiatria</i> , 2003 , 61, 566-73	1.6	8
194	Mesial temporal lobe abnormalities in a family with 15q26qter trisomy. <i>Archives of Neurology</i> , 2002 , 59, 1476-9		8
193	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
192	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
191	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
190	Clinical and Imaging Evaluation of Transuncus Selective Amygdalohippocampectomy. <i>World Neurosurgery</i> , 2017 , 100, 665-674	2.1	7
189	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
188	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
187	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
186	Default Mode Network Disruption in Stroke-Free Patients with Atrial Fibrillation. <i>Cerebrovascular Diseases</i> , 2018 , 45, 78-84	3.2	7
185	Sudden unexpected death in epilepsy: small RNAs raise expectations. <i>Epilepsy and Behavior</i> , 2013 , 29, 591-3	3.2	7
184	A Locus Identified on Chromosome18P11.31 is Associated with Hippocampal Abnormalities in a Family with Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2012 , 3, 124	4.1	7
183	Focal electrical status (FES): a new finding associated with polymicrogyria. <i>Journal of Clinical Neurophysiology</i> , 2009 , 26, 155-9	2.2	7
182	Hippocampal atrophy and verbal episodic memory performance in amnesic mild cognitive impairment and mild Alzheimer's disease: A preliminary study. <i>Dementia E Neuropsychologia</i> , 2008 , 2, 37-41	2.1	7
181	THE SCN2A gene is not a likely candidate for familial mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2006 , 71, 233-6	3	7
180	Effects of method and MRI slice thickness on entorhinal cortex volumetry. <i>NeuroReport</i> , 2003 , 14, 1291-1295	1.7	7
179	Abnormalities of hippocampal signal intensity in patients with familial mesial temporal lobe epilepsy. <i>Brazilian Journal of Medical and Biological Research</i> , 2004 , 37, 827-32	2.8	7
178	Exploratory structural assessment in craniocervical dystonia: Global and differential analyses. <i>PLoS ONE</i> , 2017 , 12, e0182735	3.7	7

177	MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. <i>Epileptic Disorders</i> , 2020 , 22, 421-437	1.9	7
176	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
175	Familial perisylvian polymicrogyria: A new familial syndrome of cortical maldevelopment 2000 , 48, 39		7
174	Promise and pitfalls of prognostic models for epilepsy surgery-Authors' reply. <i>Lancet Neurology</i> , 2015 , 14, 684	24.1	6
173	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
172	Neurologist-patient communication about epilepsy in the United States, Spain, and Germany. <i>Neurology: Clinical Practice</i> , 2018 , 8, 93-101	1.7	6
171	Longitudinal analysis of hippocampal T2 relaxometry in FMTLE. <i>Epilepsy and Behavior</i> , 2014 , 36, 154-8	3.2	6
170	Brain Perfusion Impairment in Neurologically Asymptomatic Adult Patients with Sickle-Cell Disease Shown by Voxel-Based Analysis of SPECT Images. <i>Frontiers in Neurology</i> , 2013 , 4, 207	4.1	6
169	Brain SPECT in mesial temporal lobe epilepsy: comparison between visual analysis and SPM. <i>Arquivos De Neuro-Psiquiatria</i> , 2010 , 68, 153-60	1.6	6
168	Epilepsy in 2011: Insights into epilepsy treatments and biomarkers. <i>Nature Reviews Neurology</i> , 2012 , 8, 70-1	15	6
167	Quantitative MRI and cerebrospinal fluid inflammatory mediators in Brazilian patients with relapsing-remitting multiple sclerosis before and after treatment with immunomodulators: a longitudinal study. <i>NeuroImmunoModulation</i> , 2012 , 19, 277-82	2.5	6
166	Intrathecal immunoglobulin G synthesis and brain injury by quantitative MRI in multiple sclerosis. <i>NeuroImmunoModulation</i> , 2006 , 13, 89-95	2.5	6
165	Early development destructive brain lesions and their relationship to epilepsy and hippocampal damage. <i>Brain and Development</i> , 2003 , 25, 560-70	2.2	6
164	Time Course of Postoperative Recovery of N-Acetyl-Aspartate in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2003 , 42, 190-197	6.4	6
163	Abnormal behavior in children with temporal lobe epilepsy and ganglioglioma. <i>Epilepsy and Behavior</i> , 2004 , 5, 788-91	3.2	6
162	Cysticidal therapy: impact on seizure control in epilepsy associated with neurocysticercosis. <i>Arquivos De Neuro-Psiquiatria</i> , 2000 , 58, 1014-20	1.6	6
161	The pattern of proton magnetic resonance spectroscopy in non-neoplastic encephalic lesions. <i>Arquivos De Neuro-Psiquiatria</i> , 2004 , 62, 429-36	1.6	6
160	The effects of epileptic seizures upon quality of life. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2009 , 15, 110-113		6

159	Temporal lobe structural evaluation after transsylvian selective amygdalohippocampectomy. <i>Neurosurgical Focus</i> , 2020 , 48, E14	4.2	6
158	A systems-level analysis highlights microglial activation as a modifying factor in common forms of human epilepsy		6
157	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
156	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
155	Deep Convolutional Networks for Automated Detection of Epileptogenic Brain Malformations. <i>Lecture Notes in Computer Science</i> , 2018 , 490-497	0.9	6
154	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
153	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
152	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
151	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
150	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
149	Pattern changes of EEG oscillations and BOLD signals associated with temporal lobe epilepsy as revealed by a working memory task. <i>BMC Neuroscience</i> , 2014 , 15, 52	3.2	5
148	Interactive curvilinear reformatting in native space. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2012 , 18, 299-308	4	5
147	MRI signs of hippocampal sclerosis seen in healthy volunteers: what is the clinical relevance?. <i>Neurology</i> , 2010 , 74, 534-5	6.5	5
146	Extending applications for high-frequency oscillations: the ripple effect. <i>Neurology</i> , 2011 , 77, 518-9	6.5	5
145	Adult onset chronic unihemispheric vasculitis resembling Rasmussen encephalitis. <i>Neurologist</i> , 2009 , 15, 285-8	1.6	5
144	Segregation analysis in mesial temporal lobe epilepsy with hippocampal atrophy. <i>Epilepsia</i> , 2010 , 51 Suppl 1, 47-50	6.4	5
143	Proton Magnetic Resonance Spectroscopy and Magnetic Resonance Imaging Findings in a Patient with Central Nervous System Paracoccidioidomycosis. <i>Journal of Neuroimaging</i> , 2004 , 14, 377-379	2.8	5
142	Genetic linkage studies in familial frontal epilepsy: exclusion of the human chromosome regions homologous to the El-1 mouse locus. <i>Epilepsy Research</i> , 1995 , 22, 227-33	3	5

141	Epilepsias generalizadas idiopáticas diagnosticadas incorretamente como epilepsias parciais. <i>Arquivos De Neuro-Psiquiatria</i> , 2002 , 60, 788-796	1.6	5
140	Auditory processing disorders in twins with perisylvian polymicrogyria. <i>Arquivos De Neuro-Psiquiatria</i> , 2009 , 67, 499-501	1.6	5
139	The impact of EEG in the diagnosis and management of patients with acute impairment of consciousness. <i>Arquivos De Neuro-Psiquiatria</i> , 2012 , 70, 34-9	1.6	5
138	Manual and semi-automatic quantification of in vivo ¹ H-MRS data for the classification of human primary brain tumors. <i>Brazilian Journal of Medical and Biological Research</i> , 2011 , 44, 345-53	2.8	5
137	Screening symptoms of depression and suicidal ideation in people with epilepsy using the Beck depression inventory. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2012 , 18, 85-91		5
136	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2021 ,	6.4	5
135	SARS-CoV-2 infects brain astrocytes of COVID-19 patients and impairs neuronal viability		5
134	Do Febrile Seizures Promote Temporal Lobe Epilepsy? Retrospective Studies 2002 , 77-86		5
133	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2020 ,	5.9	5
132	Brain Structural Signature of RFC1-Related Disorder. <i>Movement Disorders</i> , 2021 , 36, 2634-2641	7	5
131	Normal cerebral cortical thickness in first-degree relatives of temporal lobe epilepsy patients. <i>Neurology</i> , 2019 , 92, e351-e358	6.5	5
130	Right Temporoparietal Junction Underlies Avoidance of Moral Transgression in Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2021 , 41, 1699-1715	6.6	5
129	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
128	Incorporation of quantitative MRI in a model to predict temporal lobe epilepsy surgery outcome. <i>Brain Communications</i> , 2021 , 3, fcab164	4.5	5
127	Inflammatory and neurotrophic factor plasma levels are related to epilepsy independently of etiology. <i>Epilepsia</i> , 2021 , 62, 2385-2394	6.4	5
126	Fractional anisotropy of the optic radiations correlates with the visual field after epilepsy surgery. <i>Neuroradiology</i> , 2019 , 61, 1425-1436	3.2	4
125	Voxel-based morphometry and intellectual assessment in patients with congenital bilateral perisylvian syndrome. <i>Journal of Neurology</i> , 2014 , 261, 1374-80	5.5	4
124	Interferon- γ s Associated with Cerebral Atrophy in Systemic Lupus Erythematosus. <i>NeuroImmunoModulation</i> , 2017 , 24, 100-105	2.5	4

123	Abnormality in hippocampal signal intensity predicts atrophy in patients with systemic lupus erythematosus. <i>Lupus</i> , 2017 , 26, 633-639	2.6	4
122	A possible role of the thalamus in some cases of sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2007 , 48, 1036-7	6.4	4
121	Neuroimaging findings in scleroderma en coup de sabre. <i>Neurology</i> , 2004 , 63, 2197-8; author reply 2197-8	6.5	4
120	Epilepsy and destructive brain insults in early life: a topographical classification on the basis of MRI findings. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2004 , 13, 383-91	3.2	4
119	Intracranial electroencephalographic investigation in frontal lobe epilepsy. <i>Advances in Neurology</i> , 1995 , 66, 243-58; discussion 258-60		4
118	White Matter Microstructure in Idiopathic Craniocervical Dystonia. <i>Tremor and Other Hyperkinetic Movements</i> , 2015 , 5,	2	4
117	Outcomes of resections that spare vs remove an MRI-normal hippocampus. <i>Epilepsia</i> , 2020 , 61, 2545-2557	7.4	4
116	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
115	Pre-surgery expectations and post-surgery life-changing validation process. <i>Epileptic Disorders</i> , 2008 , 10, 290-6	1.9	4
114	Hippocampal atrophy disrupts the language network but not hemispheric language lateralization. <i>Epilepsia</i> , 2019 , 60, 744-755	6.4	3
113	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
112	UF2C – User-Friendly Functional Connectivity: A neuroimaging toolbox for fMRI processing and analyses. <i>SoftwareX</i> , 2020 , 11, 100434	2.7	3
111	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
110	Hippocampal dysplasia with balloon cells: case report and discussion on classification. <i>Journal of Neurology</i> , 2014 , 261, 2022-4	5.5	3
109	Life adjustment after surgical treatment for temporal lobe epilepsy. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2009 , 15, 71-75		3
108	A fast 1H NMR spectroscopy procedure for quantitative determination of N-acetylaspartate in urine samples. <i>Clinica Chimica Acta</i> , 2009 , 404, 166-8	6.2	3
107	Linkage study of voltage-gated potassium channels in familial mesial temporal lobe epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2007 , 65, 20-3	1.6	3
106	Midline facial defects with hypertelorism and low-grade astrocytoma: a previously undescribed association. <i>Cleft Palate-Craniofacial Journal</i> , 2006 , 43, 748-51	1.9	3

105	Focal status epilepticus as the first manifestation of paracoccidioidomycosis. <i>European Journal of Neurology</i> , 2005 , 12, 73-4	6	3
104	De novo psychogenic seizures after epilepsy surgery: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2000 , 58, 535-7	1.6	3
103	Volumetric magnetic resonance imaging in patients with secondary generalized epilepsy. <i>Journal of Epilepsy</i> , 1996 , 9, 14-19		3
102	Proton magnetic resonance spectroscopy and magnetic resonance imaging findings in a patient with central nervous system paracoccidioidomycosis 2004 , 14, 377-9		3
101	EEG spike source localization before and after surgery for temporal lobe epilepsy: a BOLD EEG-fMRI and independent component analysis study. <i>Brazilian Journal of Medical and Biological Research</i> , 2009 , 42, 582-7	2.8	3
100	Dynamic assessment of high-resolution MRI with multi-planar reconstruction increases the yield of lesion detection in patients with partial epilepsy. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2005 , 11, 111-116		3
99	Automated analysis of cortical volume loss predicts seizure outcomes after frontal lobectomy. <i>Epilepsia</i> , 2021 , 62, 1074-1084	6.4	3
98	Transylvian amygdalohippocampectomy for mesial temporal lobe epilepsy: Comparison of three different approaches. <i>Epilepsia</i> , 2021 , 62, 439-449	6.4	3
97	The role of neuroimaging in the investigation of patients with single seizures, febrile seizures, or refractory partial seizures. <i>Medical Science Monitor</i> , 2004 , 10, RA40-6	3.2	3
96	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
95	Epilepsy: Can fMRI predict memory decline after temporal lobe resection?. <i>Nature Reviews Neurology</i> , 2015 , 11, 372-4	15	2
94	Toward a Multimodal Diagnostic Exploratory Visualization of Focal Cortical Dysplasia. <i>IEEE Computer Graphics and Applications</i> , 2018 , 38, 73-89	1.7	2
93	Multimodal neuroimaging: potential biomarkers for response to antiepileptic drugs?. <i>Epilepsia</i> , 2013 , 54 Suppl 2, 67-70	6.4	2
92	EEG and magnetic resonance imaging abnormalities in patients with acute limbic encephalitis. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2011 , 17, 133-139		2
91	Cerebellar atrophy is infrequently [corrected] associated with non-paraneoplastic sensory neuronopathy. <i>Arquivos De Neuro-Psiquiatria</i> , 2011 , 69, 602-6	1.6	2
90	Quantitative MRI techniques in MTLE: toward a better understanding of hippocampal sclerosis. <i>Epilepsia</i> , 2010 , 51 Suppl 1, 76-9	6.4	2
89	Characterization of the human cortex in MR images through the image foresting transform		2
88	Rasmussen's encephalitis: the relevance of neuropsychological assessment in patient's treatment and follow up. <i>Arquivos De Neuro-Psiquiatria</i> , 2002 , 60, 378-81	1.6	2

87	Neuroimaging characteristics of pseudosubcortical laminar heterotopia. <i>Journal of Neuroimaging</i> , 2002 , 12, 52-4	2.8	2
86	Congenital destructive hemispheric lesions and epilepsy: clinical features and relevance of associated hippocampal atrophy. <i>Arquivos De Neuro-Psiquiatria</i> , 2000 , 58, 990-1001	1.6	2
85	Long term follow up of familial mesial temporal lobe epilepsy. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2008 , 14, 111-113		2
84	Regenera de atrofia de substcia branca ap a cirurgia de epilepsia: evidcias estruturais atrav da morfometria baseada em voxel. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2009 , 15, 07-11		2
83	ResectVol: A tool to automatically segment and characterize lacunas in brain images. <i>Epilepsia Open</i> , 2021 , 6, 720-726	4	2
82	Network-based atrophy modelling in the common epilepsies: a worldwide ENIGMA study		2
81	A Interleucina 1-beta mostra uma a protetora na fase aguda do modelo de epilepsia induzido pela pilocarpina. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2010 , 16, 97-99		2
80	Functional and microstructural brain abnormalities, fatigue, and cognitive dysfunction after mild COVID-19		2
79	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
78	Temporopolar amygdalohippocampectomy: seizure control and postoperative outcomes. <i>Journal of Neurosurgery</i> , 2020 , 134, 1044-1053	3.2	2
77	Comparative analysis of the safety and tolerability of eslicarbazepine acetate in older (80 years) and younger (18-59 years) adults. <i>Epilepsy Research</i> , 2021 , 169, 106478	3	2
76	MELD Project: Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia		2
75	Improving the prediction of epilepsy surgery outcomes using basic scalp EEG findings. <i>Epilepsia</i> , 2021 , 62, 2439-2450	6.4	2
74	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2021 ,	5.2	2
73	Prognostic value of proton magnetic resonance spectroscopic imaging for surgical outcome in patients with intractable temporal lobe epilepsy and bilateral hippocampal atrophy 2000 , 47, 195		2
72	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 , 19714009221083145		
71	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
70	P4-304: DIFFERENCES AND THE RELATIONSHIP BETWEEN DMN INTRINSIC ACTIVITY AND FUNCTIONAL CONNECTIVITY IN MILD AD AND AMCI 2014 , 10, P896-P897		1

69	Extreme Delta Brushes in Pediatric Anti-N-Methyl-DAspartate Receptor Encephalitis. <i>Journal of Neurology and Neuroscience</i> , 2015 , 06,	0	1
68	Thalamic metabolic abnormalities in patients with Huntington's disease measured by magnetic resonance spectroscopy. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 722-7	2.8	1
67	Neural correlates of lexical-semantic memory: A voxel-based morphometry study in mild AD, aMCI and normal aging. <i>Dementia E Neuropsychologia</i> , 2011 , 5, 69-77	2.1	1
66	Malformations of cortical development in patients with midline facial defects and ocular hypertelorism. <i>Cleft Palate-Craniofacial Journal</i> , 2010 , 47, 343-51	1.9	1
65	A new missense mutation found in the FLNA gene in a family with bilateral periventricular nodular heterotopia (BPNH) alters the splicing process. <i>Journal of Molecular Neuroscience</i> , 2008 , 35, 195-200	3.3	1
64	Lesion lateralization in patients with epilepsy and precocious destructive insults. <i>Epilepsy and Behavior</i> , 2004 , 5, 1014-6	3.2	1
63	Alternating hemisphere tumefactive demyelinating disorder. <i>European Journal of Neurology</i> , 2005 , 12, 737-8	6	1
62	Focal suppression-burst. <i>Neurology</i> , 1996 , 47, 613	6.5	1
61	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
60	Imaging characteristics of temporopolar blurring in the context of hippocampal sclerosis. <i>Epileptic Disorders</i> , 2021 ,	1.9	1
59	Quantification of Hippocampal Signal Intensity in Patients with Mesial Temporal Lobe Epilepsy 2003 , 13, 228		1
58	Considerações e recomendações para o uso de formulações de drogas antiepilépticas. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2008 , 14, 129-133		1
57	MicroRNA expression profile in epilepsy: breaking molecular barriers. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2012 , 18, 57-59		1
56	ILAE Neuroimaging Task Force highlight: Review MRI scans with semiology in mind. <i>Epileptic Disorders</i> , 2020 , 22, 683-687	1.9	1
55	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
54	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA Epilepsy study		1
53	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
52	An International Multicenter Analysis of Brain Structure across Clinical Stages of Parkinson's Disease: The ENIGMA-Parkinson's Study		1

51	Epilepsy care in China and its relevance for other countries. <i>Lancet Neurology, The</i> , 2021 , 20, 333-334	24.1	1
50	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
49	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
48	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
47	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
46	Proton MR Spectroscopic Imaging in The Investigation of Patients with Temporal Lobe Epilepsy 1994 , 203-207		1
45	Partial epilepsies: overview. <i>Arquivos De Neuro-Psiquiatria</i> , 2003 , 61 Suppl 1, 1-7	1.6	1
44	MRS and fMRI in partial epilepsies. <i>Arquivos De Neuro-Psiquiatria</i> , 2003 , 61 Suppl 1, 78-82	1.6	1
43	Voxel based morphometry study of partial epilepsies. <i>Arquivos De Neuro-Psiquiatria</i> , 2003 , 61 Suppl 1, 93-7	1.6	1
42	The impact of carotid revascularization on cognitive function. <i>Jornal Vascular Brasileiro</i> , 2014 , 13, 116-122	2.9	0
41	Cognitive Impairment in Systemic Lupus Erythematosus: Prevalence and Clinical Importance. <i>Current Rheumatology Reviews</i> , 2012 , 8, 56-65	1.6	0
40	Evaluation of the brain hemodynamic response by means of near-infrared spectroscopy (NIRS) monitoring in patients with atherosclerotic carotid disease undergoing endarterectomy. <i>Jornal Vascular Brasileiro</i> , 2020 , 19, e20190027	0.9	0
39	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
38	Association Analysis of Candidate Variants in Admixed Brazilian Patients With Genetic Generalized Epilepsies. <i>Frontiers in Genetics</i> , 2021 , 12, 672304	4.5	0
37	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
36	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
35	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
34	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

- 33 Differences in structural and functional DMN connectivity in amyloid-positive AMCI who converted to AD dementia. *Alzheimer's and Dementia*, **2020**, 16, e041219 1.2
- 32 Differences in functional connectivity in mild cognitive impairment for amyloid-positive versus SNAP. *Alzheimer's and Dementia*, **2020**, 16, e042600 1.2
- 31 Hippocampal connectivity may predict cholinesterase inhibitors response in mild Alzheimer's disease. *Alzheimer's and Dementia*, **2020**, 16, e042675 1.2
- 30 In Search of a New Paradigm for Functional Magnetic Resonance Experimentation With Language. *Frontiers in Neurology*, **2020**, 11, 588 4.1
- 29 Autismo e epilepsia: modelos e mecanismos. *Journal of Epilepsy and Clinical Neurophysiology*, **2012**, 18, 92-96
- 28 Análise comparativa do volume hipocampal e talâmico em pacientes com epilepsia de lobo temporal mesial com e sem resposta adequada ao tratamento farmacológico. *Journal of Epilepsy and Clinical Neurophysiology*, **2012**, 18, 41-44
- 27 Neuroimaging of Ataxias **2013**, 227-245
- 26 Reply: To PMID 24072623. *American Journal of Neuroradiology*, **2013**, 34, E116 4.4
- 25 Comparing regional brain atrophy in mild cognitive impairment and Alzheimer's disease. *Neurodegenerative Disease Management*, **2013**, 3, 417-426 2.8
- 24 Hippocampal sclerosis 363-372
- 23 Partial epilepsies: a brief overview. *Journal of Epilepsy and Clinical Neurophysiology*, **2006**, 12, 7-9
- 22 Memory impairment in children with temporal lobe epilepsy: a review. *Journal of Epilepsy and Clinical Neurophysiology*, **2006**, 12, 22-25
- 21 Response: EEG Features in Idiopathic Generalized Epilepsy: Clues to Diagnosis. *Epilepsia*, **2006**, 47, 1415-1416 4.16
- 20 Chapter 54 MRS for imaging neuronal dysfunction in epilepsy. *Supplements To Clinical Neurophysiology*, **2002**, 359-364
- 19 Modulating Expression of Endogenous Interleukin 1 Beta in the Acute Phase of the Pilocarpine Model of Epilepsy May Change Animal Survival.. *Cellular and Molecular Neurobiology*, **2022**, 1 4.6
- 18 Brain Perfusion Abnormalities in Neurologically Asymptomatic Adult Patients with Sickle Cell Disease. A Voxel-Based Analysis of Brain Spect Imaging.. *Blood*, **2004**, 104, 3741-3741 2.2
- 17 Interictal electroencephalographic findings in children and adults with temporal lobe tumors. *Arquivos De Neuro-Psiquiatria*, **2006**, 64, 359-62 1.6
- 16 Avaliação pré-cirúrgica de epilepsia neocortical de lobo temporal com utilização de FDG-18F SPECT: relato de caso. *Journal of Epilepsy and Clinical Neurophysiology*, **2006**, 12, 169-173

- 15 MESSAGE OF THE PRESIDENT OF THE BRAZILIAN LEAGUE OF EPILEPSY. *Journal of Epilepsy and Clinical Neurophysiology*, **2007**, 13, 158-158
- 14 Predicting the Outcome of Surgical Interventions for Epilepsy Using Imaging Biomarkers **2019**, 169-180
- 13 The Role of MRI Volumetric Studies in The Investigation of Patients with Intractable Epilepsy **1994**, 57-61
- 12 Advances in Morphometric and Volumetric Analysis in Temporal Lobe Epilepsy **1994**, 47-55
- 11 Estudos genéticos e moleculares em um grande grupo de pacientes com malformações do córtex cerebral. *Journal of Epilepsy and Clinical Neurophysiology*, **2008**, 14, 101-105
- 10 IMAGING | Imaging Characterization of Familial Temporal Lobe Epilepsies **2009**, 1543-1549
- 9 Estado de mal epilético em adultos: revisão e proposta de protocolo. *Journal of Epilepsy and Clinical Neurophysiology*, **2011**, 17, 164-175
- 8 Relação entre qualidade de vida e atividade física em pacientes com epilepsia de lobo temporal refratária. *Journal of Epilepsy and Clinical Neurophysiology*, **2011**, 17, 127-132
- 7 AB0457 HIPPOCAMPAL SUBFIELDS VOLUMES REDUCTION IN PATIENTS WITH SYSTEMIC SCLEROSIS: A LONGITUDINAL MAGNETIC RESONANCE IMAGING (MRI) VOLUMETRIC STUDY. *Annals of the Rheumatic Diseases*, **2021**, 80, 1255.2-1256 2.4
- 6 In response: Brain atrophy in seizure-free temporal lobe epilepsy: Implications for predicting pharmacoresistance. *Epilepsia*, **2016**, 57, 856-7 6.4
- 5 Proton MRS: lactate. *Advances in Neurology*, **2000**, 83, 247-51
- 4 The Relationship Between Depression and Anxiety Symptoms of Adult PWE and Caregivers in a Tertiary Center.. *Frontiers in Neurology*, **2022**, 13, 766009 4.1
- 3 Enhancing Safety in Epilepsy Surgery (EASINESS): Study Protocol for a Retrospective, Multicenter, Open Registry.. *Frontiers in Neurology*, **2021**, 12, 782666 4.1
- 2 Histopathological Correlations of Qualitative and Quantitative Temporopolar MRI Analyses in Patients With Hippocampal Sclerosis.. *Frontiers in Neurology*, **2021**, 12, 801195 4.1
- 1 Circulating Metabolites as Biomarkers of Disease in Patients with Mesial Temporal Lobe Epilepsy. *Metabolites*, **2022**, 12, 446 5.6