Joao P Leite

List of Publications by Year
in descending order

171 papers	6,644 citations	76326 40 h-index	76900 74 g-index
180 all docs	180 docs citations	180 times ranked	6892 citing authors

#	Article	IF	Citations
1	Longâ€Term Effects of Pilocarpine in Rats: Structural Damage of the Brain Triggers Kindling and Spontaneous I Recurrent Seizures. Epilepsia, 1991, 32, 778-782.	5.1	555
2	Animal models of epilepsy: use and limitations. Neuropsychiatric Disease and Treatment, 2014, 10, 1693.	2.2	344
3	New insights from the use of pilocarpine and kainate models. Epilepsy Research, 2002, 50, 93-103.	1.6	253
4	Hippocampal neuron damage in human epilepsy: Meyer's hypothesis revisited. Progress in Brain Research, 2002, 135, 237-251.	1.4	238
5	Spontaneous recurrent seizures in rats: An experimental model of partial epilepsy. Neuroscience and Biobehavioral Reviews, 1990, 14, 511-517.	6.1	229
6	Validation of the National Institutes of Health Stroke Scale, Modified Rankin Scale and Barthel Index in Brazil: The Role of Cultural Adaptation and Structured Interviewing. Cerebrovascular Diseases, 2009, 27, 119-122.	1.7	214
7	The pathogenic and progressive features of chronic human hippocampal epilepsy. Epilepsy Research, 1996, 26, 151-161.	1.6	209
8	Seizures Decrease Postnatal Neurogenesis and Granule Cell Development in the Human Fascia tDentata. Epilepsia, 2002, 43, 68-73.	5.1	177
9	Stroke Awareness in Brazil. Stroke, 2008, 39, 292-296.	2.0	160
10	Hippocampal EEG excitability and chronic spontaneous seizures are associated with aberrant synaptic reorganization in the rat intrahippocampal kainate model. Electroencephalography and Clinical Neurophysiology, 1993, 87, 326-339.	0.3	146
11	Effects of conventional antiepileptic drugs in a model of spontaneous recurrent seizures in rats. Epilepsy Research, 1995, 20, 93-104.	1.6	134
12	Contralateral hemimicrencephaly and clinicalâ€“pathological correlations in children with hemimegalencephaly. Brain, 2006, 129, 352-365.	7.6	109
13	Childhood generalized and mesial temporal epilepsies demonstrate different amounts and patterns of hippocampal neuron loss and mossy fibre synaptic reorganization. Brain, 1996, 119, 965-987.	7.6	108
14	Children with severe epilepsy: evidence of hippocampal neuron losses and aberrant mossy fiber sprouting during postnatal granule cell migration and differentiation. Developmental Brain Research, 1994, 78, 70-80.	1.7	100
15	Human hippocampal AMPA and NMDA mRNA levels in temporal lobe epilepsy patients. Brain, 1997, 120, 1937-1959.	7.6	100
16	Neuron loss, mossy fiber sprouting, and interictal spikes after intrahippocampal kainate in developing rats. Epilepsy Research, 1996, 26, 219-231.	1.6	93
17	Calcified neurocysticercotic lesions and postsurgery seizure control in temporal lobe epilepsy. Neurology, 2000, 55, 1485-1491.	1.1	86
18	Plasticity, Synaptic Strength, and Epilepsy: What Can We Learn from Ultrastructural Data?. Epilepsia, 2005, 46, 134-141.	5.1	84

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19	Hippocampal AMPA and NMDA mRNA levels and subunit immunoreactivity in human temporal lobe epilepsy patients and a rodent model of chronic mesial limbic epilepsy. Epilepsy Research, 1998, 32, 154-171.	1.6	79
20	Calcified cysticercotic lesions and intractable epilepsy: a cross sectional study of 512 patients. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 485-488.	1.9	71
21	HippocampalN-methyl-D-aspartate receptor subunit mRNA levels in temporal lobe epilepsy patients. Annals of Neurology, 1999, 46, 343-358.	5.3	67
22	Volumetric Evidence of Bilateral Damage in Unilateral Mesial Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 1354-1359.	5.1	66
23	Overexpression of the ABA-Dependent AREB1 Transcription Factor from Arabidopsis thaliana Improves Soybean Tolerance to Water Deficit. Plant Molecular Biology Reporter, 2013, 31, 719-730.	1.8	64
24	Increased Hippocampal AMPA and NMDA Receptor Subunit Immunoreactivity in Temporal Lobe Epilepsy Patients. Journal of Neuropathology and Experimental Neurology, 1998, 57, 615-634.	1.7	62
25	Cerebral Vasospasm and Headache During Sexual Intercourse and Masturbatory Orgasms. Headache, 2004, 44, 244-248.	3.9	62
26	Phytocannabinoids and epilepsy. Journal of Clinical Pharmacy and Therapeutics, 2015, 40, 135-143.	1.5	60
27	Phosphoproteomic Analysis of Synaptosomes from Human Cerebral Cortex. Journal of Proteome Research, 2005, 4, 306-315.	3.7	59
28	Human Cortical Dysplasia and Epilepsy: An Ontogenetic Hypothesis Based on Volumetric MRI and NeuN Neuronal Density and Size Measurements. Cerebral Cortex, 2004, 15, 194-210.	2.9	58
29	Protective Effects of Cannabidiol against Seizures and Neuronal Death in a Rat Model of Mesial Temporal Lobe Epilepsy. Frontiers in Pharmacology, 2017, 8, 131.	3.5	56
30	Aberrant hippocampal mossy fiber sprouting correlates with greater NMDAR2 receptor staining. NeuroReport, 1996, 7, 1029-1035.	1.2	55
31	Glycosaminoglycan levels and proteoglycan expression are altered in the hippocampus of patients with mesial temporal lobe epilepsy. Brain Research Bulletin, 2002, 58, 509-516.	3.0	53
32	Psychiatric Comorbidities in Temporal Lobe Epilepsy: Possible Relationships between Psychotic Disorders and Involvement of Limbic Circuits. Revista Brasileira De Psiquiatria, 2012, 34, 454-466.	1.7	53
33	Glutamate AMPA receptors in the fascia dentata of human and kainate rat hippocampal epilepsy. Epilepsy Research, 1996, 26, 193-205.	1.6	52
34	Validation of a Structured Interview for Telephone Assessment of the Modified Rankin Scale in Brazilian Stroke Patients. Cerebrovascular Diseases, 2014, 38, 297-301.	1.7	51
35	Altered Hippocampal Kainate-Receptor mRNA Levels in Temporal Lobe Epilepsy Patients. Neurobiology of Disease, 1998, 5, 151-176.	4.4	49
36	Distinct increased metabotropic glutamate receptor type 5 (mGluR5) in temporal lobe epilepsy with and without hippocampal sclerosis. Hippocampus, 2013, 23, 1212-1230.	1.9	49

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37	Mesial temporal lobe epilepsy with psychiatric comorbidities: a place for differential neuroinflammatory interplay. Journal of Neuroinflammation, 2015, 12, 38.	7.2	49
38	The anticonvulsant effects of cannabidiol in experimental models of epileptic seizures: From behavior and mechanisms to clinical insights. Neuroscience and Biobehavioral Reviews, 2020, 111, 166-182.	6.1	49
39	Kainic acid induced hippocampal seizures in rats: comparisons of acute and chronic seizures using intrahippocampal versus systemic injections. Italian Journal of Neurological Sciences, 1995, 16, 39-44.	0.1	46
40	Cellular prion protein modulates defensive attention and innate fear-induced behaviour evoked in transgenic mice submitted to an agonistic encounter with the tropical coral snake Oxyrhopus guibei. Behavioural Brain Research, 2008, 194, 129-137.	2.2	40
41	Language and Motor fMRI Activation in Polymicrogyric Cortex. Epilepsia, 2006, 47, 589-592.	5.1	39
42	Network Asynchrony Underlying Increased Broadband Gamma Power. Journal of Neuroscience, 2021, 41, 2944-2963.	3.6	38
43	Mesial temporal lobe epilepsy: Clinical and neuropathologic findings of familial and sporadic forms. Epilepsia, 2008, 49, 1046-1054.	5.1	37
44	Muscarinic acetylcholine neurotransmission enhances the late-phase of long-term potentiation in the hippocampalâ€“prefrontal cortex pathway of rats in vivo: A possible involvement of monoaminergic systems. Neuroscience, 2008, 153, 1309-1319.	2.3	36
45	Pathophysiology of Mood Disorders in Temporal Lobe Epilepsy. Revista Brasileira De Psiquiatria, 2012, 34, 233-259.	1.7	36
46	Verticality Perceptions Associate with Postural Control and Functionality in Stroke Patients. PLoS ONE, 2016, 11, e0150754.	2.5	36
47	Typical and Atypical Perfusion Patterns in Periictal SPECT of Patients with Unilateral Temporal Lobe Epilepsy. Epilepsia, 2001, 42, 660-666.	5.1	35
48	Hippocampal expression of heat shock proteins in mesial temporal lobe epilepsy with psychiatric comorbidities and their relation to seizure outcome. Epilepsia, 2014, 55, 1834-1843.	5.1	35
49	Temporal lobe epilepsy patients with severe hippocampal neuron loss but normal hippocampal volume: Extracellular matrix molecules are important for the maintenance of hippocampal volume. Epilepsia, 2015, 56, 1562-1570.	5.1	35
50	Individual hippocampal subfield assessment indicates that matrix macromolecules and gliosis are key elements for the increased T2 relaxation time seen in temporal lobe epilepsy. Epilepsia, 2017, 58, 149-159.	5.1	34
51	Neurotrophins in Mesial Temporal Lobe Epilepsy With and Without Psychiatric Comorbidities. Journal of Neuropathology and Experimental Neurology, 2013, 72, 1029-1042.	1.7	33
52	Surgical Treatment for Mesial Temporal Lobe Epilepsy in the Presence of Massive Calcified Neurocysticercosis. Archives of Neurology, 2004, 61, 1117-9.	4.5	32
53	Pre-ictal increase in theta synchrony between the hippocampus and prefrontal cortex in a rat model of temporal lobe epilepsy. Experimental Neurology, 2016, 279, 232-242.	4.1	32
54	Selective post-training time window for memory consolidation interference of cannabidiol into the prefrontal cortex: Reduced dopaminergic modulation and immediate gene expression in limbic circuits. Neuroscience, 2017, 350, 85-93.	2.3	32

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55	Foramen Ovale Electrodes Can Identify a Focal Seizure Onset When Surface EEG Fails in Mesial Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 1300-1307.	5.1	31
56	The frequency of spontaneous seizures in rats correlates with alterations in sensorimotor gating, spatial working memory, and parvalbumin expression throughout limbic regions. Neuroscience, 2016, 312, 86-98.	2.3	31
57	Contraversive pushing in non-stroke patients. Journal of Neurology, 2004, 251, 1324-1328.	3.6	30
58	Clinical and Neuroimaging Features of Good and Poor Seizure Control Patients with Mesial Temporal Lobe Epilepsy and Hippocampal Atrophy. Epilepsia, 2003, 44, 807-814.	5.1	29
59	Utility of Ictal Single Photon Emission Computed Tomography in Mesial Temporal Lobe Epilepsy With Hippocampal Atrophy: A Randomized Trial. Neurosurgery, 2011, 68, 431-436.	1.1	29
60	Effects of nitric oxide-related compounds in the acute ketamine animal model of schizophrenia. BMC Neuroscience, 2015, 16, 9.	1.9	29
61	Infantile spasm-associated microencephaly in tuberous sclerosis complex and cortical dysplasia. Neurology, 2007, 68, 438-445.	1.1	28
62	Manual Hippocampal Subfield Segmentation Using High-Field MRI: Impact of Different Subfields in Hippocampal Volume Loss of Temporal Lobe Epilepsy Patients. Frontiers in Neurology, 2018, 9, 927.	2.4	28
63	Increased frequency of hippocampal sclerosis ILAE type 2 in patients with mesial temporal lobe epilepsy with normal episodic memory: Table 1. Brain, 2015, 138, e359-e359.	7.6	27
64	Neuromodulation of Hippocampal-Prefrontal Cortical Synaptic Plasticity and Functional Connectivity: Implications for Neuropsychiatric Disorders. Frontiers in Cellular Neuroscience, 2021, 15, 732360.	3.7	27
65	Extracellular Matrix Components are Altered in the Hippocampus, Cortex, and Cerebrospinal Fluid of Patients with Mesial Temporal Lobe Epilepsy. Epilepsia, 2002, 43, 159-161.	5.1	26
66	Differential aberrant sprouting in temporal lobe epilepsy with psychiatric co-morbidities. Psychiatry Research, 2012, 195, 144-150.	3.3	26
67	Increased Metallothionein I/II Expression in Patients with Temporal Lobe Epilepsy. PLoS ONE, 2012, 7, e44709.	2.5	26
68	Amygdala gene expression of NMDA and GABA_A receptors in patients with mesial temporal lobe epilepsy. Hippocampus, 2012, 22, 92-97.	1.9	26
69	Microtubule-Associated Proteins in Mesial Temporal Lobe Epilepsy with and without Psychiatric Comorbidities and Their Relation with Granular Cell Layer Dispersion. BioMed Research International, 2013, 2013, 1-11.	1.9	26
70	Rhythms of Core Clock Genes and Spontaneous Locomotor Activity in Post-Status Epilepticus Model of Mesial Temporal Lobe Epilepsy. Frontiers in Neurology, 2018, 9, 632.	2.4	26
71	Cognitive and Surgical Outcome in Mesial Temporal Lobe Epilepsy Associated with Hippocampal Sclerosis Plus Neurocysticercosis: A Cohort Study. PLoS ONE, 2013, 8, e60949.	2.5	25
72	Sleep-disordered breathing among acute ischemic stroke patients in Brazil. Sleep Medicine, 2016, 19, 8-12.	1.6	25

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73	Cannabinoids and Vanilloids in Schizophrenia: Neurophysiological Evidence and Directions for Basic Research. Frontiers in Pharmacology, 2017, 8, 399.	3.5	25
74	Genetic susceptibility in Juvenile Myoclonic Epilepsy: Systematic review of genetic association studies. PLoS ONE, 2017, 12, e0179629.	2.5	25
75	The Stability of the Blood Oxygenation Level-Dependent Functional MRI Response to Motor Tasks Is Altered in Patients With Chronic Ischemic Stroke. Stroke, 2010, 41, 1921-1926.	2.0	24
76	Assessing Cerebrovascular Reactivity in Carotid Steno-Occlusive Disease Using MRI BOLD and ASL Techniques. Radiology Research and Practice, 2012, 2012, 1-10.	1.3	24
77	Overexpression of the activated form of the AtAREB1 gene (AtAREB1Î”QT) improves soybean responses to water deficit. Genetics and Molecular Research, 2014, 13, 6272-6286.	0.2	24
78	Everyday memory impairment in patients with temporal lobe epilepsy caused by hippocampal sclerosis. Epilepsy and Behavior, 2017, 69, 31-36.	1.7	23
79	Glutamate NMDA receptor subunit R1 and GAD mRNA expression in human temporal lobe epilepsy. Cellular and Molecular Neurobiology, 2002, 22, 689-698.	3.3	22
80	Obstructive Sleep Apnea Is Frequent in Patients with Hypertensive Intracerebral Hemorrhage and Is Related to Perihematoma Edema. Cerebrovascular Diseases, 2010, 29, 36-42.	1.7	22
81	The non-coding RNA BC1 is down-regulated in the hippocampus of Wistar Audiogenic Rat (WAR) strain after audiogenic kindling. Brain Research, 2011, 1367, 114-121.	2.2	22
82	Neurotrophin receptors expression in mesial temporal lobe epilepsy with and without psychiatric comorbidities and their relation with seizure type and surgical outcome. Acta Neuropathologica Communications, 2014, 2, 81.	5.2	22
83	SOS score: an optimized score to screen acute stroke patients for obstructive sleep apnea. Sleep Medicine, 2014, 15, 1021-1024.	1.6	22
84	Muscarinic and Nicotinic Modulation of Thalamo-Prefrontal Cortex Synaptic Pasticity In Vivo. PLoS ONE, 2012, 7, e47484.	2.5	22
85	A Hypothesis Regarding the Pathogenesis and Epileptogenesis of Pediatric Cortical Dysplasia and Hemimegalencephaly Based on MRI Cerebral Volumes and NeuN Cortical Cell Densities. Epilepsia, 2007, 48, 74-78.	5.1	21
86	A semi-automated algorithm for studying neuronal oscillatory patterns: A wavelet-based time frequency and coherence analysis. Journal of Neuroscience Methods, 2008, 167, 384-392.	2.5	21
87	Using network dynamic fMRI for detection of epileptogenic foci. BMC Neurology, 2015, 15, 262.	1.8	21
88	How frequent is the association of neurocysticercosis and mesial temporal lobe epilepsy with hippocampal sclerosis?. Epilepsia, 2010, 51, 2359-2360.	5.1	20
89	Loss and Sprouting of Nitric Oxide Synthase Neurons in the Human Epileptic Hippocampus. Epilepsia, 2002, 43, 235-242.	5.1	19
90	Increased expression of GluR2â€flip in the hippocampus of the Wistar audiogenic rat strain after acute and kindled seizures. Hippocampus, 2010, 20, 125-133.	1.9	19

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91	Evaluation of the Temporal Acoustic Window for Transcranial Doppler in a Multi-Ethnic Population in Brazil. Ultrasound in Medicine and Biology, 2015, 41, 2131-2134.	1.5	19
92	Polarity-Dependent Misperception of Subjective Visual Vertical during and after Transcranial Direct Current Stimulation (tDCS). PLoS ONE, 2016, 11, e0152331.	2.5	19
93	Pushing behavior and hemiparesis: which is critical for functional recovery in pusher patients ? Case report. Arquivos De Neuro-Psiquiatria, 2007, 65, 536-539.	0.8	18
94	The NR1 N-Methyl-d-Aspartate Subunit and Brain-derived Neurotrophic Factor in Temporal Lobe Epilepsy Hippocampus: A Comparison of Patients with and without Coexisting Psychiatric Symptoms. Epilepsia, 2007, 48, 071005074820001-???.	5.1	18
95	Neuroimaging in stroke and non-stroke pusher patients. Arquivos De Neuro-Psiquiatria, 2011, 69, 914-919.	0.8	17
96	Neurologist knowledge about interactions between antiepileptic drugs and contraceptive methods. International Journal of Gynecology and Obstetrics, 2016, 134, 264-267.	2.3	17
97	Manipulation of Human Verticality Using High-Definition Transcranial Direct Current Stimulation. Frontiers in Neurology, 2018, 9, 825.	2.4	17
98	Quantitative aspects of brain perfusion dynamic induced by BOLD fMRI. Arquivos De Neuro-Psiquiatria, 2006, 64, 895-898.	0.8	17
99	Supine sleep and positional sleep apnea after acute ischemic stroke and intracerebral hemorrhage. Clinics, 2012, 67, 1357-1360.	1.5	16
100	Interaction between hippocampal-prefrontal plasticity and thalamic-prefrontal activity. Scientific Reports, 2018, 8, 1382.	3.3	16
101	A clinical gamma camera-based pinhole collimated system for high resolution small animal SPECT imaging. Brazilian Journal of Medical and Biological Research, 2010, 43, 1160-1166.	1.5	15
102	Persistent pusher behavior after a stroke. Clinics, 2011, 66, 2169-2171.	1.5	15
103	Molecular epidemiology of norovirus strains in Paraguayan children during 2004â€“2005: Description of a possible new GII.4 cluster. Journal of Clinical Virology, 2013, 58, 378-384.	3.1	15
104	NMDA receptor blockade impairs the muscarinic conversion of sub-threshold transient depression into long-lasting LTD in the hippocampusâ€“prefrontal cortex pathway inÂvivo: Correlation with gamma oscillations. Neuropharmacology, 2013, 65, 143-155.	4.1	15
105	Predictors of quality of life after moderate to severe traumatic brain injury. Arquivos De Neuro-Psiquiatria, 2016, 74, 409-415.	0.8	15
106	Input Convergence, Synaptic Plasticity and Functional Coupling Across Hippocampal-Prefrontal-Thalamic Circuits. Frontiers in Neural Circuits, 2018, 12, 40.	2.8	15
107	Parvalbumin Role in Epilepsy and Psychiatric Comorbidities: From Mechanism to Intervention. Frontiers in Integrative Neuroscience, 2022, 16, 765324.	2.1	15
108	Synaptic plasticity along the sleepâ€“wake cycle: Implications for epilepsy. Epilepsy and Behavior, 2009, 14, 47-53.	1.7	14

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109	Expression of HSP70 in cerebral ischemia and neuroprotetive action of hypothermia and ketoprofen. Arquivos De Neuro-Psiquiatria, 2010, 68, 592-596.	0.8	14
110	Decreased neuron loss and memory dysfunction in pilocarpine-treated rats pre-exposed to hypoxia. Neuroscience, 2016, 332, 88-100.	2.3	14
111	Diurnal Variation Has Effect on Differential Gene Expression Analysis in the Hippocampus of the Pilocarpine-Induced Model of Mesial Temporal Lobe Epilepsy. PLoS ONE, 2015, 10, e0141121.	2.5	14
112	Extratemporal Damage in Temporal Lobe Epilepsy: Magnetization Transfer Adds Information to Volumetric MR Imaging: Fig 1.. American Journal of Neuroradiology, 2011, 32, 1857-1861.	2.4	13
113	Identification of microRNAs with Dysregulated Expression in Status Epilepticus Induced Epileptogenesis. PLoS ONE, 2016, 11, e0163855.	2.5	13
114	Experience on Mechanical Thrombectomy for Acute Stroke Treatment in a Brazilian University Hospital. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 532-537.	1.6	12
115	Lithium modulates the muscarinic facilitation of synaptic plasticity and theta-gamma coupling in the hippocampal-prefrontal pathway. Experimental Neurology, 2018, 304, 90-101.	4.1	12
116	Chronic cannabidiol (CBD) administration induces anticonvulsant and antiepileptogenic effects in a genetic model of epilepsy. Epilepsy and Behavior, 2021, 119, 107962.	1.7	12
117	Prediction of Learned Resistance or Helplessness by Hippocampal-Prefrontal Cortical Network Activity during Stress. Journal of Neuroscience, 2022, 42, 81-96.	3.6	12
118	What are the similarities and differences between schizophrenia and schizophrenia-like psychosis of epilepsy? A neuropathological approach to the understanding of schizophrenia spectrum and epilepsy. Epilepsy and Behavior, 2014, 38, 143-147.	1.7	11
119	Long-Term Outcome of Temporal Lobe Epilepsy Surgery in 621 Patients With Hippocampal Sclerosis: Clinical and Surgical Prognostic Factors. Frontiers in Neurology, 2022, 13, 833293.	2.4	11
120	Safety of IV thrombolysis in acute ischemic stroke related to Chagas disease. Neurology, 2013, 81, 1773-1775.	1.1	10
121	Long-term potentiation prevents ketamine-induced aberrant neurophysiological dynamics in the hippocampus-prefrontal cortex pathway in vivo. Scientific Reports, 2020, 10, 7167.	3.3	10
122	Using Postmortem hippocampi tissue can interfere with differential gene expression analysis of the epileptogenic process. PLoS ONE, 2017, 12, e0182765.	2.5	10
123	Early versus late carotid artery stenting for symptomatic carotid stenosis. Journal of Neuroradiology, 2015, 42, 169-175.	1.1	9
124	Acetazolamide potentiates the afferent drive to prefrontal cortex inÂvivo. Physiological Reports, 2017, 5, e13066.	1.7	9
125	Fractional Anisotropy of Thalamic Nuclei Is Associated With Verticality Misperception After Extra-Thalamic Stroke. Frontiers in Neurology, 2019, 10, 697.	2.4	9
126	Epilepsia do lobo temporal mesial associada Ã esclerose hipocampal. Journal of Epilepsy and Clinical Neurophysiology, 2006, 12, 31-36.	0.1	8

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127	Decision-making in patients with temporal lobe epilepsy: Delay gratification ability is not impaired in patients with hippocampal sclerosis. Epilepsy and Behavior, 2016, 60, 158-164.	1.7	8
128	Hijacking of hippocampalâ€“cortical oscillatory coupling during sleep in temporal lobe epilepsy. Epilepsy and Behavior, 2021, 121, 106608.	1.7	8
129	Human Variability of fMRI Brain Activation in Response to Oculomotor Stimuli. Brain Topography, 2008, 20, 113-121.	1.8	7
130	Entropy Analysis of High-Definition Transcranial Electric Stimulation Effects on EEG Dynamics. Brain Sciences, 2019, 9, 208.	2.3	7
131	Impact of epilepsy surgery on quality of life and burden of caregivers in children and adolescents. Epilepsy and Behavior, 2020, 106, 106961.	1.7	7
132	Frequency and predictors of symptomatic intracranial hemorrhage after intravenous thrombolysis for acute ischemic stroke in a Brazilian public hospital. Clinics, 2012, 67, 739-743.	1.5	7
133	Neuron-specific enolase in patients with neurocysticercosis. Journal of the Neurological Sciences, 2004, 217, 31-35.	0.6	6
134	Subjective Visual Vertical during Caloric Stimulation in Healthy Subjects: Implications to Research and Neurorehabilitation. Rehabilitation Research and Practice, 2015, 2015, 1-4.	0.6	6
135	Systematic review of the efficacy in seizure control and safety of neuronavigation in epilepsy surgery: The need for well-designed prospective studies. Seizure: the Journal of the British Epilepsy Association, 2015, 31, 99-107.	2.0	6
136	Relationship of spontaneous microembolic signals to risk stratification, recurrence, severity, and mortality of ischemic stroke: a prospective study. Ultrasound Journal, 2020, 12, 6.	3.3	6
137	Posture control in Pusher syndrome: influence of lateral semicircular canals. Brazilian Journal of Otorhinolaryngology, 2005, 71, 448-452.	1.0	5
138	Dynamic time series smoothing for symbolic interval data applied to neuroscience. Information Sciences, 2020, 517, 415-426.	6.9	5
139	Drebrin expression patterns in patients with refractory temporal lobe epilepsy and hippocampal sclerosis. Epilepsia, 2020, 61, 1581-1594.	5.1	5
140	Characterization of ICP Behavior in an Experimental Model of Hemorrhagic Stroke in Rats. Acta Neurochirurgica Supplementum, 2016, 122, 121-124.	1.0	5
141	Reciprocal Modulation of Cognitive and Emotional Aspects in Pianistic Performances. PLoS ONE, 2011, 6, e24437.	2.5	5
142	Rapid BOLD fMRI signal loss in the primary motor cortex of a stroke patient. Arquivos De Neuro-Psiquiatria, 2008, 66, 885-887.	0.8	5
143	Psicose e depressÃ£o na epilepsia do lobo temporal. Journal of Epilepsy and Clinical Neurophysiology, 2007, 13, 163-167.	0.1	4
144	Neurotrofinas na epilepsia do lobo temporal. Journal of Epilepsy and Clinical Neurophysiology, 2010, 16, 7-12.	0.1	4

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145	Can somatosensory electrical stimulation relieve spasticity in post-stroke patients? A TMS pilot study. Biomedizinische Technik, 2018, 63, 501-506.	0.8	4
146	Diagnostic Accuracy of Positive Airway Pressure Device for Sleep Apnea Detection in Acute Stroke Patients. Stroke, 2020, 51, 324-326.	2.0	4
147	Histological correlates of hippocampal magnetization transfer images in drug-resistant temporal lobe epilepsy patients. NeuroImage: Clinical, 2020, 28, 102463.	2.7	4
148	Conceptual Framework for Insomnia: A Cognitive Model in Practice. Frontiers in Neuroscience, 2021, 15, 628836.	2.8	4
149	Plasticidade neuronal associada Ã epilepsia do lobo temporal mesial: insights a partir de estudos em humanos e em modelos animais. Journal of Epilepsy and Clinical Neurophysiology, 2006, 12, 10-17.	0.1	3
150	â€˜Posterior pusher syndromeâ€™ or â€˜psychomotor disadaptation syndromeâ€™?. Clinical Neurology and Neurosurgery, 2011, 113, 520-521.	1.4	3
151	Glia and extracellular matrix molecules: What are their importance for the electrographic and MRI changes in the epileptogenic zone?. Epilepsy and Behavior, 2019, 121, 106542.	1.7	3
152	Improving surgical outcome with electric source imaging and high field magnetic resonance imaging. Seizure: the Journal of the British Epilepsy Association, 2021, 90, 145-154.	2.0	3
153	Dysphagia is a strong predictor of death and functional dependence at three months post-stroke. Arquivos De Neuro-Psiquiatria, 2022, 80, 462-468.	0.8	3
154	The effect of asymmetric current-supporting electron velocity distributions on second harmonic electron cyclotron resonance heating: A ray-tracing treatment. Physics of Fluids, 1987, 30, 1137.	1.4	2
155	BrainWave Nets: Are Sparse Dynamic Models Susceptible to Brain Manipulation Experimentation?. Frontiers in Systems Neuroscience, 2020, 14, 527757.	2.5	2
156	FMRI in Epilepsy. AIP Conference Proceedings, 2004, , .	0.4	1
157	Differential patterns of myosin Va expression during the ontogenesis of the rat hippocampus. Brazilian Journal of Medical and Biological Research, 2010, 43, 890-898.	1.5	1
158	White matter alterations in temporal lobe epilepsy. Proceedings of SPIE, 2011, , .	0.8	1
159	Quantification of BOLD fMRI parameters to infer cerebrovascular reactivity of the middle cerebral artery. Journal of Magnetic Resonance Imaging, 2013, 38, 1203-1209.	3.4	1
160	Translation and Validation of the TOR-BSSTÂ© into Brazilian Portuguese for Adults with Stroke. Dysphagia, 2020, 36, 533-540.	1.8	1
161	NeurogÃªnese no cÃ©rebro adulto e na condiÃ§Ã£o epilÃ©ptica. Journal of Epilepsy and Clinical Neurophysiology, 2007, 13, 119-123.	0.1	1
162	Neurocysticercosis: a new trend in SUDEP research?. Revista Da Sociedade Brasileira De Medicina Tropical, 2012, 45, 280-280.	0.9	1

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163	High Definition tDCS Effect on Postural Control in Healthy Individuals: Entropy Analysis of a Crossover Clinical Trial. Applied Sciences (Switzerland), 2022, 12, 2703.	2.5	1
164	Middle cerebral artery blood flow stability in response to high-definition transcranial electrical stimulation: A randomized sham-controlled clinical trial. Clinical Neurology and Neurosurgery, 2022, 220, 107345.	1.4	1
165	Planar and tomographic (SPECT) imaging of small volume targets using a Cross-Slit collimator. , 2010, , .		0
166	Letter by Santos-Pontelli et al Regarding Article, â€œPrevalence and Length of Recovery of Pusher Syndrome Based on Cerebral Hemispheric Lesion Side in Patients With Acute Strokeâ€. Stroke, 2012, 43, e89; author reply e90.	2.0	0
167	Advancing Neuroscience Applications to Psychiatric and Neurological Disorders: More than Ever, an Interdisciplinary Task. Revista Brasileira De Psiquiatria, 2012, 34, 121-124.	1.7	0
168	Different levels of MT-I/II between patients with MTLE with or without seizure generalization: does hippocampal MT-I/II affects seizure spread, or does seizure spread promotes differential expression of MT-I/II?. Journal of Epilepsy and Clinical Neurophysiology, 2012, 18, 16-20.	0.1	0
169	AvaliaÃ§Ã£o e anÃ¡lise de frequÃªncia da SÃndrome de Pusher (SÃndrome do Empurrador) entre pacientes com AVC. Revista Neurociencias, 2013, 21, 12-13.	0.0	0
170	Multimodal quantitative magnetic resonance imaging analysis with individualized postprocessing in patients with drug-resistant focal epilepsy and conventional visual inspection negative for epileptogenic lesions. Clinics, 2019, 74, e908.	1.5	0
171	Editorial: Psychiatric Comorbidities in the Epilepsies: Extensive Mechanisms and Broad Questions. Frontiers in Integrative Neuroscience, 0, 16, .	2.1	0