

Roger Walz

List of Publications by Year in descending order

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173
papers

5,135
citations

87843

38
h-index

114418

63
g-index

177
all docs

177
docs citations

177
times ranked

6056
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular prion protein binds laminin and mediates neuritogenesis. <i>Molecular Brain Research</i> , 2000, 76, 85-92.	2.5	279
2	Imbalance of antioxidant defense in mice lacking cellular prion protein. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1137-1144.	1.3	224
3	Amnesia by post-training infusion of glutamate receptor antagonists into the amygdala, hippocampus, and entorhinal cortex. <i>Behavioral and Neural Biology</i> , 1992, 58, 76-80.	2.3	171
4	Increased Sensitivity to Seizures in Mice Lacking Cellular Prion Protein. <i>Epilepsia</i> , 1999, 40, 1679-1682.	2.6	170
5	Lipid peroxidation in hippocampus early and late after status epilepticus induced by pilocarpine or kainic acid in Wistar rats. <i>Neuroscience Letters</i> , 2000, 291, 179-182.	1.0	155
6	Psychiatric disorders and traumatic brain injury. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 797.	1.0	141
7	The Serum S100B Concentration Is Age Dependent. <i>Clinical Chemistry</i> , 2002, 48, 950-952.	1.5	131
8	Cellular prion protein: on the road for functions. <i>FEBS Letters</i> , 2002, 512, 25-28.	1.3	123
9	Psychiatric Disorders and Health-Related Quality of Life after Severe Traumatic Brain Injury: A Prospective Study. <i>Journal of Neurotrauma</i> , 2012, 29, 1029-1037.	1.7	104
10	Effects of Traumatic Brain Injury of Different Severities on Emotional, Cognitive, and Oxidative Stress-Related Parameters in Mice. <i>Journal of Neurotrauma</i> , 2010, 27, 1883-1893.	1.7	95
11	Time-Dependent Impairment of Inhibitory Avoidance Retention in Rats by Posttraining Infusion of a Mitogen-Activated Protein Kinase Kinase Inhibitor into Cortical and Limbic Structures. <i>Neurobiology of Learning and Memory</i> , 2000, 73, 11-20.	1.0	93
12	Normal inhibitory avoidance learning and anxiety, but increased locomotor activity in mice devoid of PrPC. <i>Molecular Brain Research</i> , 1999, 71, 349-353.	2.5	85
13	Do psychiatric comorbidities predict postoperative seizure outcome in temporal lobe epilepsy surgery?. <i>Epilepsy and Behavior</i> , 2009, 14, 529-534.	0.9	78
14	Intranasal Administration of Neurotoxicants in Animals: Support for the Olfactory Vector Hypothesis of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2012, 21, 90-116.	1.3	76
15	The Intranasal Administration of 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine (MPTP): A New Rodent Model to Test Palliative and Neuroprotective Agents for Parkinson's disease. <i>Current Pharmaceutical Design</i> , 2011, 17, 489-507.	0.9	75
16	Memory processing by the limbic system: Role of specific neurotransmitter systems. <i>Behavioural Brain Research</i> , 1993, 58, 91-98.	1.2	74
17	Seizure outcome after surgery for epilepsy due to focal cortical dysplastic lesions. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006, 15, 420-427.	0.9	74
18	Perspectives on Molecular Biomarkers of Oxidative Stress and Antioxidant Strategies in Traumatic Brain Injury. <i>BioMed Research International</i> , 2014, 2014, 1-18.	0.9	74

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19	Mortality in Severe Traumatic Brain Injury: A Multivariate Analysis of 748 Brazilian Patients From Florianópolis City. <i>Journal of Trauma</i> , 2009, 67, 85-90.	2.3	72
20	Time-dependent modulation of AMPA receptor phosphorylation and mRNA expression of NMDA receptors and glial glutamate transporters in the rat hippocampus and cerebral cortex in a pilocarpine model of epilepsy. <i>Experimental Brain Research</i> , 2013, 226, 153-163.	0.7	72
21	Post-training intrahippocampal infusion of protein kinase C inhibitors causes amnesia in rats. <i>Behavioral and Neural Biology</i> , 1994, 61, 107-109.	2.3	67
22	Volumetric Evidence of Bilateral Damage in Unilateral Mesial Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2006, 47, 1354-1359.	2.6	66
23	Interleukin-10 Is an Independent Biomarker of Severe Traumatic Brain Injury Prognosis. <i>NeuroImmunoModulation</i> , 2012, 19, 377-385.	0.9	66
24	Plasma levels of oxidative stress biomarkers and hospital mortality in severe head injury: A multivariate analysis. <i>Journal of Critical Care</i> , 2012, 27, 523.e11-523.e19.	1.0	55
25	Age-Related Cognitive Decline in Hypercholesterolemic LDL Receptor Knockout Mice (LDLr ^{-/-}): Evidence of Antioxidant Imbalance and Increased Acetylcholinesterase Activity in the Prefrontal Cortex. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 495-511.	1.2	53
26	Dose-dependent impairment of inhibitory avoidance retention in rats by immediate post-training infusion of a mitogen-activated protein kinase inhibitor into cortical structures. <i>Behavioural Brain Research</i> , 1999, 105, 219-223.	1.2	52
27	Early Seizure Detection Based on Cardiac Autonomic Regulation Dynamics. <i>Frontiers in Physiology</i> , 2017, 8, 765.	1.3	52
28	Role of the glucose-dependent insulinotropic polypeptide and its receptor in the central nervous system: therapeutic potential in neurological diseases. <i>Behavioural Pharmacology</i> , 2010, 21, 394-408.	0.8	51
29	Post-training down-regulation of memory consolidation by a GABA-A mechanism in the amygdala modulated by endogenous benzodiazepines. <i>Behavioral and Neural Biology</i> , 1990, 54, 105-109.	2.3	49
30	Oxidative Stress in Brain According to Traumatic Brain Injury Intensity. <i>Journal of Surgical Research</i> , 2010, 164, 316-320.	0.8	47
31	Cellular prion protein: implications in seizures and epilepsy. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 249-257.	1.7	45
32	Predictors of meaningful improvement in quality of life after temporal lobe epilepsy surgery: A prospective study. <i>Epilepsia</i> , 2017, 58, 755-763.	2.6	45
33	Altered behavioural response to acute stress in mice lacking cellular prion protein. <i>Behavioural Brain Research</i> , 2005, 162, 173-181.	1.2	43
34	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , 2016, 55, 92-100.	0.9	43
35	Altered ATP hydrolysis induced by pentylenetetrazol kindling in rat brain synaptosomes. <i>Neurochemical Research</i> , 2000, 25, 775-779.	1.6	42
36	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 <i>Oxyrhopus guibei</i> . <i>Behavioural Brain Research</i> , 2008, 194, 129-137.	1.2	40

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37	A peptide muscarinic toxin from the Green Mamba venom shows agonist-like action in an inhibitory avoidance learning task. <i>European Journal of Pharmacology</i> , 1993, 240, 103-105.	1.7	39
38	Hospital Mortality of Patients with Severe Traumatic Brain Injury is Associated with Serum PTX3 Levels. <i>Neurocritical Care</i> , 2011, 14, 194-199.	1.2	39
39	Neuroprotective effects of agmatine in mice infused with a single intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). <i>Behavioural Brain Research</i> , 2012, 235, 263-272.	1.2	39
40	Socio-demographic and clinical characteristics of Brazilian patients with epilepsy who drive and their association with traffic accidents. <i>Epilepsy and Behavior</i> , 2012, 24, 216-220.	0.9	39
41	Increased cardiac stiffness is associated with autonomic dysfunction in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2018, 59, e85-e90.	2.6	38
42	Ultra-short heart rate variability recording reliability: The effect of controlled paced breathing. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12565.	0.5	37
43	Hypercholesterolemia induces short-term spatial memory impairments in mice: up-regulation of acetylcholinesterase activity as an early and causal event?. <i>Journal of Neural Transmission</i> , 2014, 121, 415-426.	1.4	36
44	Effect of the infusion of the GABA-A receptor agonist, muscimol, on the role of the entorhinal cortex, amygdala, and hippocampus in memory processes. <i>Behavioral and Neural Biology</i> , 1994, 61, 132-138.	2.3	35
45	Predictors of quality of life in patients with refractory mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2012, 25, 208-213.	0.9	35
46	Deep Brain Stimulation for Obesity: A Review and Future Directions. <i>Frontiers in Neuroscience</i> , 2019, 13, 323.	1.4	35
47	Short- and long-term memory: differential involvement of neurotransmitter systems and signal transduction cascades. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 353-364.	0.3	33
48	Time-Dependent Modulation of Mitogen Activated Protein Kinases and AKT in Rat Hippocampus and Cortex in the Pilocarpine Model of Epilepsy. <i>Neurochemical Research</i> , 2012, 37, 1868-1878.	1.6	33
49	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. <i>Neurochemistry International</i> , 2015, 87, 22-33.	1.9	33
50	Foramen Ovale Electrodes Can Identify a Focal Seizure Onset When Surface EEG Fails in Mesial Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2006, 47, 1300-1307.	2.6	31
51	Excessive sleepiness and sleep patterns in patients with epilepsy: A case-control study. <i>Epilepsy and Behavior</i> , 2013, 29, 63-66.	0.9	30
52	Utility of Ictal Single Photon Emission Computed Tomography in Mesial Temporal Lobe Epilepsy With Hippocampal Atrophy: A Randomized Trial. <i>Neurosurgery</i> , 2011, 68, 431-436.	0.6	29
53	Validation of diagnostic tests for depressive disorder in drug-resistant mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015, 50, 61-66.	0.9	29
54	CNQX infused into entorhinal cortex blocks memory expression, and AMPA reverses the effect. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 48, 437-440.	1.3	28

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55	Echocardiographic risk markers of sudden death in patients with temporal lobe epilepsy. <i>Epilepsy Research</i> , 2018, 140, 192-197.	0.8	28
56	Epilepsy and ultra-structural heart changes: The role of catecholaminergic toxicity and myocardial fibrosis. What can we learn from cardiology?. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 71, 105-109.	0.9	28
57	Hypogonadism after traumatic brain injury. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2009, 53, 908-914.	1.3	27
58	Hippocampal sclerosis and ipsilateral headache among mesial temporal lobe epilepsy patients. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 480-484.	0.9	27
59	Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. <i>Behavioural Brain Research</i> , 2016, 301, 43-54.	1.2	27
60	Differential Activation of Mitogen-Activated Protein Kinases, ERK 1/2, p38MAPK and JNK p54/p46 During Postnatal Development of Rat Hippocampus. <i>Neurochemical Research</i> , 2016, 41, 1160-1169.	1.6	27
61	Mesial temporal lobe epilepsy with hippocampal sclerosis is infrequently associated with neuronal autoantibodies. <i>Epilepsia</i> , 2018, 59, e152-e156.	2.6	27
62	Hospital Anxiety and Depression Scale-Anxiety subscale (HADS-A) and The State-Trait Anxiety Inventory (STAI) accuracy for anxiety disorders detection in drug-resistant mesial temporal lobe epilepsy patients. <i>Journal of Affective Disorders</i> , 2019, 246, 452-457.	2.0	27
63	Personality changes and return to work after severe traumatic brain injury: a prospective study. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 213-219.	0.9	26
64	Cellular prion protein regulates the motor behaviour performance and anxiety-induced responses in genetically modified mice. <i>Behavioural Brain Research</i> , 2007, 183, 87-94.	1.2	25
65	Seizure precipitants and inhibiting factors in mesial temporal lobe epilepsy. <i>Journal of the Neurological Sciences</i> , 2011, 308, 21-24.	0.3	24
66	The cannabinoid CB2 receptor-specific agonist AM1241 increases pentylentetrazole-induced seizure severity in Wistar rats. <i>Epilepsy Research</i> , 2016, 127, 160-167.	0.8	24
67	How do people with drug-resistant mesial temporal lobe epilepsy sleep? A clinical and video-EEG with EOG and submental EMG for sleep staging study. <i>ENeurologicalSci</i> , 2016, 4, 34-41.	0.5	24
68	Depressive Symptoms are Frequent in Atypical Parkinsonian Disorders. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 191-197.	0.8	24
69	Determining factors of electrocardiographic abnormalities in patients with epilepsy: A case-control study. <i>Epilepsy Research</i> , 2017, 129, 106-116.	0.8	24
70	Effect of antagonists of platelet-activating factor receptors on memory of inhibitory avoidance in rats. <i>Behavioral and Neural Biology</i> , 1994, 62, 1-3.	2.3	23
71	Time-dependent enhancement of inhibitory avoidance retention and MAPK activation by post-training infusion of nerve growth factor into CA1 region of hippocampus of adult rats. <i>European Journal of Neuroscience</i> , 2000, 12, 2185-2189.	1.2	23
72	Interictal SPECT in patients with mesial temporal lobe epilepsy and psychosis: a case-control study. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 75-84.	0.9	21

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73	The Gender-Biased Effects of Intranasal MPTP Administration on Anhedonic- and Depressive-Like Behaviors in C57BL/6 Mice: the Role of Neurotrophic Factors. <i>Neurotoxicity Research</i> , 2018, 34, 808-819.	1.3	21
74	Predictors of Hospital Mortality and the Related Burden of Disease in Severe Traumatic Brain Injury: A Prospective Multicentric Study in Brazil. <i>Frontiers in Neurology</i> , 2019, 10, 432.	1.1	21
75	Maximal/exhaustive treadmill test features in patients with temporal lobe epilepsy: Search for sudden unexpected death biomarkers. <i>Epilepsy Research</i> , 2017, 133, 83-88.	0.8	20
76	Behavioral and Neurochemical Consequences of Pentylentetrazol-Induced Kindling in Young and Middle-Aged Rats. <i>Pharmaceuticals</i> , 2017, 10, 75.	1.7	20
77	Amygdala levels of the GluA1 subunit of glutamate receptors and its phosphorylation state at serine 845 in the anterior hippocampus are biomarkers of ictal fear but not anxiety. <i>Molecular Psychiatry</i> , 2020, 25, 655-665.	4.1	20
78	Role of agmatine in neurodegenerative diseases and epilepsy. <i>Frontiers in Bioscience - Elite</i> , 2014, 6, 341-359.	0.9	20
79	A Polysomnographic Study of Parkinson's Disease Sleep Architecture. <i>Parkinson's Disease</i> , 2015, 2015, 1-7.	0.6	19
80	Changes in cortical and hippocampal ectonucleotidase activities in mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2001, 301, 72-74.	1.0	18
81	Normal brain mitochondrial respiration in adult mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2005, 375, 203-206.	1.0	18
82	Glucose-dependent insulinotropic peptide receptor expression in the hippocampus and neocortex of mesial temporal lobe epilepsy patients and rats undergoing pilocarpine induced status epilepticus. <i>Peptides</i> , 2011, 32, 781-789.	1.2	18
83	Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. <i>Neuroscience Letters</i> , 2013, 541, 193-198.	1.0	18
84	Validity and screening properties of three depression rating scales in a prospective sample of patients with severe traumatic brain injury. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 206-212.	0.9	18
85	A single high dose of dexamethasone affects the phosphorylation state of glutamate AMPA receptors in the human limbic system. <i>Translational Psychiatry</i> , 2016, 6, e986-e986.	2.4	18
86	Limited predictive power of hospitalization variables for long-term cognitive prognosis in adult patients with severe traumatic brain injury. <i>Journal of Neuropsychology</i> , 2014, 8, 125-139.	0.6	17
87	Prevalence of headache in patients with Parkinson's disease and its association with the side of motor symptom onset. <i>Neurological Sciences</i> , 2014, 35, 595-600.	0.9	16
88	Dose-dependent sickness behavior, abortion and inflammation induced by systemic LPS injection in pregnant mice. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 426-430.	0.7	16
89	Determinants for Meaningful Clinical Improvement of Pain and Health-Related Quality of Life After Spinal Cord Stimulation for Chronic Intractable Pain. <i>Neuromodulation</i> , 2019, 22, 280-289.	0.4	16
90	Cellular prion protein is present in dopaminergic neurons and modulates the dopaminergic system. <i>European Journal of Neuroscience</i> , 2014, 40, 2479-2486.	1.2	15

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91	Decline in word-finding: The objective cognitive finding most relevant to patients after mesial temporal lobe epilepsy surgery. <i>Epilepsy and Behavior</i> , 2017, 75, 218-224.	0.9	15
92	Predicting Long-term Cognitive Dysfunction in Survivors of Critical Illness with Plasma Inflammatory Markers: a Retrospective Cohort Study. <i>Molecular Neurobiology</i> , 2019, 56, 763-767.	1.9	15
93	The ERK phosphorylation levels in the amygdala predict anxiety symptoms in humans and MEK/ERK inhibition dissociates innate and learned defensive behaviors in rats. <i>Molecular Psychiatry</i> , 2021, 26, 7257-7269.	4.1	15
94	Postsurgical infection after myelomeningocele repair: A multivariate analysis of 60 consecutive cases. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 981-985.	0.6	14
95	MAPK and memory. <i>Trends in Neurosciences</i> , 1999, 22, 495.	4.2	13
96	Cognitive performance of patients with mesial temporal lobe epilepsy is not associated with human prion protein gene variant allele at codons 129 and 171. <i>Epilepsy and Behavior</i> , 2006, 8, 635-642.	0.9	13
97	Synaptosomal glutamate release and uptake in mice lacking the cellular prion protein. <i>Brain Research</i> , 2006, 1075, 13-19.	1.1	13
98	Opsoclonusâ€“myoclonus syndrome associated with <i>Mycoplasma pneumoniae</i> infection in an elderly patient. <i>Journal of the Neurological Sciences</i> , 2011, 305, 147-148.	0.3	13
99	<i>In Vitro</i> Manganese Exposure Disrupts MAPK Signaling Pathways in Striatal and Hippocampal Slices from Immature Rats. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	13
100	Difficulties in activities of daily living are associated with stigma in patients with Parkinsonâ€™s disease who are candidates for deep brain stimulation. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 190-194.	0.9	13
101	Role of hormonal levels on hospital mortality for male patients with severe traumatic brain injury. <i>Brain Injury</i> , 2014, 28, 1262-1269.	0.6	12
102	The most fulminant course of the Marburg variant of multiple sclerosisâ€™ autopsy findings. <i>Multiple Sclerosis Journal</i> , 2015, 21, 485-487.	1.4	12
103	Association between antidepressants and falls in Parkinsonâ€™s disease. <i>Journal of Neurology</i> , 2016, 263, 76-82.	1.8	12
104	Moderate traumatic brain injury increases the vulnerability to neurotoxicity induced by systemic administration of 6-hydroxydopamine in mice. <i>Brain Research</i> , 2017, 1663, 78-86.	1.1	12
105	Chronic Metabolic Derangement-Induced Cognitive Deficits and Neurotoxicity Are Associated with REST Inactivation. <i>Molecular Neurobiology</i> , 2019, 56, 1539-1557.	1.9	12
106	Quality of life long after temporal lobe epilepsy surgery. <i>Acta Neurologica Scandinavica</i> , 2021, 143, 629-636.	1.0	12
107	Involvement of cellular prion protein in the nociceptive response in mice. <i>Brain Research</i> , 2007, 1151, 84-90.	1.1	11
108	Effects of Pentylentetrazole Kindling on Mitogen-Activated Protein Kinases Levels in Neocortex and Hippocampus of Mice. <i>Neurochemical Research</i> , 2014, 39, 2492-2500.	1.6	11

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109	The approach to patients with psychogenic nonepileptic seizures in epilepsy surgery centers regarding diagnosis, treatment, and education. <i>Epilepsy and Behavior</i> , 2017, 68, 78-83.	0.9	11
110	Resting Cardiac Vagal Tone is Associated with Long-Term Frustration Level of Mental Workload: Ultra-short Term Recording Reliability. <i>Applied Psychophysiology Biofeedback</i> , 2020, 45, 1-9.	1.0	11
111	The Role of Hippocampal NMDA Receptors in Long-Term Emotional Responses following Muscarinic Receptor Activation. <i>PLoS ONE</i> , 2016, 11, e0147293.	1.1	11
112	Differential gender-related susceptibility to learning and memory deficits in mice submitted to neonatal freezing microgyria model. <i>Brain Research Bulletin</i> , 2009, 79, 177-181.	1.4	10
113	Headache among mesial temporal lobe epilepsy patients: A case-control study. <i>Journal of the Neurological Sciences</i> , 2011, 306, 20-23.	0.3	10
114	Intranasal administration of sodium dimethyldithiocarbamate induces motor deficits and dopaminergic dysfunction in mice. <i>NeuroToxicology</i> , 2018, 66, 107-120.	1.4	10
115	Luteinizing Hormone and Testosterone Levels during Acute Phase of Severe Traumatic Brain Injury: Prognostic Implications for Adult Male Patients. <i>Frontiers in Endocrinology</i> , 2018, 9, 29.	1.5	10
116	Short- and Long-term Memory are Differentially Modulated by Hippocampal Nerve Growth Factor and Fibroblast Growth Factor. <i>Neurochemical Research</i> , 2005, 30, 185-190.	1.6	9
117	Mild cognitive deficits associated to neocortical microgyria in mice with genetic deletion of cellular prion protein. <i>Brain Research</i> , 2008, 1241, 148-156.	1.1	9
118	Plasma Levels of Oxidative Stress Biomarkers and Long-Term Cognitive Performance after Severe Head Injury. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 606-608.	1.9	9
119	Brain lipoma, corpus callosum hypoplasia and polymicrogyria in Familial Multiple Lipomatosis. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1157-1159.	0.6	9
120	SUDEP – more attention to the heart? A narrative review on molecular autopsy in epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 87, 103-106.	0.9	9
121	Ictal chronology and interictal spikes predict perfusion patterns in temporal lobe epilepsy: a multivariate study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2004, 13, 346-357.	0.9	8
122	Changes in lipid composition in hippocampus early and late after status epilepticus induced by kainic acid in wistar rats. <i>Metabolic Brain Disease</i> , 2007, 22, 25-29.	1.4	8
123	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, modulates signaling pathways and increases BDNF expression probably via a glycosylated target. <i>Journal of Molecular Recognition</i> , 2014, 27, 746-754.	1.1	8
124	Posttraumatic Amnesia and Personality Changes after Severe Traumatic Brain Injury: Preliminary Findings. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 479-482.	1.9	8
125	Delayed Scalp Erosion After Deep Brain Stimulation Surgery. <i>Neurosurgery</i> , 2016, 63, 156.	0.6	8
126	Predictors of Pain Recurrence After Lumbar Facet Joint Injections. <i>Frontiers in Neuroscience</i> , 2019, 13, 958.	1.4	8

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127	Variables associated with physical health-related quality of life in Parkinson's disease patients presenting for deep brain stimulation. <i>Neurological Sciences</i> , 2016, 37, 1831-1837.	0.9	7
128	Mitochondrial Respiration Chain Enzymatic Activities in the Human Brain: Methodological Implications for Tissue Sampling and Storage. <i>Neurochemical Research</i> , 2016, 41, 880-891.	1.6	7
129	Control perceptions in epilepsy: A transcultural case-control study with focus on auras. <i>Epilepsy and Behavior</i> , 2018, 88, 130-138.	0.9	6
130	Single antiepileptic drug levels do not predict adherence and nonadherence. <i>Acta Neurologica Scandinavica</i> , 2019, 139, 199-203.	1.0	6
131	Does Epilepsy Have an Impact on Locus of Control?. <i>Frontiers in Psychology</i> , 2020, 11, 2251.	1.1	6
132	Ictal fear is associated with anxiety symptoms and interictal dysphoric disorder in drug-resistant mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 115, 107548.	0.9	6
133	Neuronal activity regulated pentraxin (narp) and GluA4 subunit of AMPA receptor may be targets for fluoxetine modulation. <i>Metabolic Brain Disease</i> , 2021, 36, 711-722.	1.4	6
134	Respiratory Outcomes After 6 Months of Hospital Discharge in Patients Affected by COVID-19: A Prospective Cohort. <i>Frontiers in Medicine</i> , 2022, 9, 795074.	1.2	6
135	Self-reported adherence among people with epilepsy in Brazil. <i>Epilepsy and Behavior</i> , 2020, 103, 106498.	0.9	5
136	Left ventricle end-systolic elastance, arterial effective elastance, and ventricle-arterial coupling in Epilepsy. <i>Acta Neurologica Scandinavica</i> , 2021, 143, 34-38.	1.0	5
137	Impaired dopamine metabolism is linked to fatigability in mice and fatigue in Parkinson's disease patients. <i>Brain Communications</i> , 2021, 3, fcab116.	1.5	5
138	Cross-cultural translation of the INSPIRIT-R for Brazil and its applicability among epilepsy patients. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 310-315.	0.3	4
139	Cellular prion protein (PrPC) modulates ethanol-induced behavioral adaptive changes in mice. <i>Behavioural Brain Research</i> , 2014, 271, 325-332.	1.2	4
140	Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. <i>Epilepsy Research</i> , 2017, 138, 26-31.	0.8	4
141	Anti-NMDA Receptor Autoantibody Is an Independent Predictor of Hospital Mortality but Not Brain Dysfunction in Septic Patients. <i>Frontiers in Neurology</i> , 2019, 10, 221.	1.1	4
142	Anxiety and depressive symptoms long after mesial temporal epilepsy surgery: A prospective study. <i>Epilepsy and Behavior</i> , 2021, 118, 107936.	0.9	4
143	Faux Pas Recognition Test: transcultural adaptation and evaluation of its psychometric properties in Brazil. <i>Cognitive Neuropsychiatry</i> , 2021, 26, 321-334.	0.7	4
144	Ultra-short heart rate variability reliability for cardiac autonomic tone assessment in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2021, 174, 106662.	0.8	4

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145	Epilepsy perception amongst education professionals. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2012, 18, 79-84.	0.1	3
146	Wavelet Filter to Attenuate the Background Activity and High Frequencies in EEG Signals Applied in the Automatic Identification of Epileptiform Events. , 2013, .		3
147	How predictable is the erectile function of patients with epilepsy?. <i>Epilepsy and Behavior</i> , 2015, 47, 61-65.	0.9	3
148	Androgens, Male Hypogonadism and Traumatic Brain Injury. <i>Open Journal of Endocrine and Metabolic Diseases</i> , 2014, 04, 13-23.	0.2	3
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