

Roger Walz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171
papers

4,123
citations

33
h-index

57
g-index

177
ext. papers

4,588
ext. citations

3.8
avg, IF

4.87
L-index

#	Paper	IF	Citations
171	How predictable is heart rate variability in Brazilian patients with drug-resistant mesial temporal lobe epilepsy?. <i>Epilepsy and Behavior</i> , 2022 , 128, 108532	3.2	
170	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	4.9	1
169	Possible Caveats of Ultra-short Heart Rate Variability Reliability: Insights from Recurrence Quantification Analysis. <i>IFMBE Proceedings</i> , 2022 , 2067-2075	0.2	
168	Echocardiography in epilepsy: A tool to be explored. <i>Epilepsia</i> , 2021 , 62, 1285-1286	6.4	
167	Quality of life long after temporal lobe epilepsy surgery. <i>Acta Neurologica Scandinavica</i> , 2021 , 143, 629-638	3.5	1
166	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	3.2	2
165	Anxiety and depressive symptoms long after mesial temporal epilepsy surgery: A prospective study. <i>Epilepsy and Behavior</i> , 2021 , 118, 107936	3.2	1
164	Impaired dopamine metabolism is linked to fatigability in mice and fatigue in Parkinson disease patients. <i>Brain Communications</i> , 2021 , 3, fcab116	4.5	0
163	Return to work after severe traumatic brain injury: further investigation of the role of personality changes. <i>Revista Brasileira De Psiquiatria</i> , 2021 , 43, 340-341	2.6	
162	Faux Pas Recognition Test: transcultural adaptation and evaluation of its psychometric properties in Brazil. <i>Cognitive Neuropsychiatry</i> , 2021 , 26, 321-334	2	1
161	Early Alpha Reactivity is Associated with Long-Term Mental Fatigue Behavioral Impairments. <i>Applied Psychophysiology Biofeedback</i> , 2021 , 46, 103-113	3.4	0
160	Left ventricle end-systolic elastance, arterial-effective elastance, and ventricle-arterial coupling in Epilepsy. <i>Acta Neurologica Scandinavica</i> , 2021 , 143, 34-38	3.8	3
159	Employment status as a major determinant for lower physical activity of patients with epilepsy: A case-control study. <i>Epilepsy and Behavior</i> , 2021 , 115, 107655	3.2	1
158	AMPAr GluA1 Phosphorylation at Serine 845 in Limbic System Is Associated with Cardiac Autonomic Tone. <i>Molecular Neurobiology</i> , 2021 , 58, 1859-1870	6.2	1
157	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	3.2	4
156	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	3.9	1
155	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 ,	15.1	6

154	Severity and disability related to epilepsy from the perspective of patients and physicians: A cross-cultural adaptation of the GASE and GAD scales. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 93-98	3.2	0
153	Ultra-short heart rate variability reliability for cardiac autonomic tone assessment in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2021 , 174, 106662	3	1
152	Trigger, risk factor, and self-organizing criticality - One more piece of the puzzle to explain increased mortality in epilepsy?. <i>Epilepsy and Behavior</i> , 2021 , 122, 108123	3.2	
151	N2 event-related potential component is associated with cardiac autonomic tone regulation during mental fatigue. <i>Physiology and Behavior</i> , 2021 , 241, 113591	3.5	1
150	The "Epileptic Heart" and the "cardiovascular continuum". <i>Epilepsy and Behavior</i> , 2020 , 108, 107044	3.2	1
149	Self-reported adherence among people with epilepsy in Brazil. <i>Epilepsy and Behavior</i> , 2020 , 103, 106498	3.2	1
148	Does Epilepsy Have an Impact on Locus of Control?. <i>Frontiers in Psychology</i> , 2020 , 11, 2251	3.4	1
147	How predictable is cognitive performance in Brazilian patients with pharmaco-resistant mesial temporal lobe epilepsy?. <i>Epilepsy and Behavior</i> , 2020 , 112, 107453	3.2	1
146	Neuroprotective effects of melatonin against neurotoxicity induced by intranasal sodium dimethyldithiocarbamate administration in mice. <i>NeuroToxicology</i> , 2020 , 80, 144-154	4.4	2
145	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	15.1	14
144	Difficulties in activities of daily living are associated with stigma in patients with Parkinson disease who are candidates for deep brain stimulation. <i>Revista Brasileira De Psiquiatria</i> , 2020 , 42, 190-194	2.6	6
143	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	3.4	7
142	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	3.1	5
141	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	4.1	7
140	Deep Brain Stimulation for Obesity: A Review and Future Directions. <i>Frontiers in Neuroscience</i> , 2019 , 13, 323	5.1	22
139	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	4.1	3
138	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	6.2	10
137	Chronic Metabolic Derangement-Induced Cognitive Deficits and Neurotoxicity Are Associated with REST Inactivation. <i>Molecular Neurobiology</i> , 2019 , 56, 1539-1557	6.2	6

136	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	3.2	15
135	Predictors of Pain Recurrence After Lumbar Facet Joint Injections. <i>Frontiers in Neuroscience</i> , 2019 , 13, 958	5.1	3
134	Yellow Fever Vaccine as a Possible Trigger of Inflammatory Myopathy: A Case Report. <i>Journal of Clinical Rheumatology</i> , 2019 , 27,	1.1	1
133	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	6.6	17
132	Single antiepileptic drug levels do not predict adherence and nonadherence. <i>Acta Neurologica Scandinavica</i> , 2019 , 139, 199-203	3.8	4
131	Intranasal administration of sodium dimethyldithiocarbamate induces motor deficits and dopaminergic dysfunction in mice. <i>NeuroToxicology</i> , 2018 , 66, 107-120	4.4	7
130	Echocardiographic risk markers of sudden death in patients with temporal lobe epilepsy. <i>Epilepsy Research</i> , 2018 , 140, 192-197	3	24
129	Increased cardiac stiffness is associated with autonomic dysfunction in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2018 , 59, e85-e90	6.4	27
128	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	5.7	9
127	Mesial temporal lobe epilepsy with hippocampal sclerosis is infrequently associated with neuronal autoantibodies. <i>Epilepsia</i> , 2018 , 59, e152-e156	6.4	17
126	Ultra-short heart rate variability recording reliability: The effect of controlled paced breathing. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23, e12565	1.5	22
125	Is self-report sleepiness associated with cognitive performance in temporal lobe epilepsy?. <i>Arquivos De Neuro-Psiquiatria</i> , 2018 , 76, 575-581	1.6	1
124	Control perceptions in epilepsy: A transcultural case-control study with focus on auras. <i>Epilepsy and Behavior</i> , 2018 , 88, 130-138	3.2	3
123	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	4.3	9
122	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	3.2	11
121	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	3.7	11
120	Depressive Symptoms are Frequent in Atypical Parkinsonian Disorders. <i>Movement Disorders Clinical Practice</i> , 2017 , 4, 191-197	2.2	17
119	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	3	15

118 Hypogonadism After Traumatic Brain Injury **2017**, 189-202

117 Predictors of meaningful improvement in quality of life after temporal lobe epilepsy surgery: A prospective study. *Epilepsia*, **2017**, 58, 755-763 6.4 32

116 Determining factors of electrocardiographic abnormalities in patients with epilepsy: A case-control study. *Epilepsy Research*, **2017**, 129, 106-116 3 13

115 Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. *Epilepsy Research*, **2017**, 138, 26-31 3 4

114 Decline in word-finding: The objective cognitive finding most relevant to patients after mesial temporal lobe epilepsy surgery. *Epilepsy and Behavior*, **2017**, 75, 218-224 3.2 12

113 Mitochondrial respiratory chain complex enzyme activities of limbic structures and psychiatric diagnosis in temporal lobe epilepsy patients: Preliminary results. *CNS Neuroscience and Therapeutics*, **2017**, 23, 700-702 6.8 2

112 Early Seizure Detection Based on Cardiac Autonomic Regulation Dynamics. *Frontiers in Physiology*, **2017**, 8, 765 4.6 33

111 Behavioral and Neurochemical Consequences of Pentylentetrazol-Induced Kindling in Young and Middle-Aged Rats. *Pharmaceuticals*, **2017**, 10, 5.2 11

110 Blood advanced glycation end products and biomarkers of inflammation in class III obese Brazilian subjects. *Integrative Obesity and Diabetes*, **2017**, 3, 2

109 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. *ENeurologicalSci*, **2016**, 4, 34-41 2.1 14

108 138 Delayed Scalp Erosion After Deep Brain Stimulation Surgery. *Neurosurgery*, **2016**, 63, 156 3.2 5

107 Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. *Epilepsy and Behavior*, **2016**, 55, 92-100 3.2 34

106 Association between antidepressants and falls in Parkinson's disease. *Journal of Neurology*, **2016**, 263, 76-82 5.5 9

105 Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. *Behavioural Brain Research*, **2016**, 301, 43-54 3.4 20

104 Differential Activation of Mitogen-Activated Protein Kinases, ERK 1/2, p38(MAPK) and JNK p54/p46 During Postnatal Development of Rat Hippocampus. *Neurochemical Research*, **2016**, 41, 1160-9 4.6 20

103 Mitochondrial Respiration Chain Enzymatic Activities in the Human Brain: Methodological Implications for Tissue Sampling and Storage. *Neurochemical Research*, **2016**, 41, 880-91 4.6 6

102 The Role of Hippocampal NMDA Receptors in Long-Term Emotional Responses following Muscarinic Receptor Activation. *PLoS ONE*, **2016**, 11, e0147293 3.7 9

101 A single high dose of dexamethasone affects the phosphorylation state of glutamate AMPA receptors in the human limbic system. *Translational Psychiatry*, **2016**, 6, e986 8.6 13

100	The cannabinoid CB2 receptor-specific agonist AM1241 increases pentylentetrazole-induced seizure severity in Wistar rats. <i>Epilepsy Research</i> , 2016 , 127, 160-167	3	18
99	Variables associated with physical health-related quality of life in Parkinson® disease patients presenting for deep brain stimulation. <i>Neurological Sciences</i> , 2016 , 37, 1831-1837	3.5	7
98	Validation of diagnostic tests for depressive disorder in drug-resistant mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015 , 50, 61-6	3.2	27
97	How predictable is the erectile function of patients with epilepsy?. <i>Epilepsy and Behavior</i> , 2015 , 47, 61-5	3.2	3
96	The most fulminant course of the Marburg variant of multiple sclerosis-autopsy findings. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 485-7	5	11
95	Early noninvasive brain stimulation after severe TBI. <i>Journal of Neurosurgery</i> , 2015 , 123, 476-7	3.2	
94	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, 426-30	2	11
93	Proximal weakness in a patient with MALT lymphoma: a case report and discussion of possible pathogenesis. <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, 686-9	5.2	
92	Cross-cultural adaptation of the SCATBI instrument for cognitive-linguistic abilities after traumatic brain injury. <i>Arquivos De Neuro-Psiquiatria</i> , 2015 , 73, 939-45	1.6	1
91	A Polysomnographic Study of Parkinson® Disease Sleep Architecture. <i>Parkinson's Disease</i> , 2015 , 2015, 570375	2.6	13
90	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. <i>Neurochemistry International</i> , 2015 , 87, 22-33	4.4	27
89	Prnp gene and cerebellum volume in patients with refractory mesial temporal lobe epilepsy. <i>Neurological Sciences</i> , 2014 , 35, 239-44	3.5	1
88	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, 415-26	4.3	23
87	Prevalence of headache in patients with Parkinson® disease and its association with the side of motor symptom onset. <i>Neurological Sciences</i> , 2014 , 35, 595-600	3.5	9
86	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, 746-54	2.6	8
85	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, 125-39	2.6	15
84	Cellular prion protein is present in dopaminergic neurons and modulates the dopaminergic system. <i>European Journal of Neuroscience</i> , 2014 , 40, 2479-86	3.5	12
83	Posttraumatic amnesia and personality changes after severe traumatic brain injury: preliminary findings. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 479-82	6.8	8

82	Cellular prion protein (PrP(C)) modulates ethanol-induced behavioral adaptive changes in mice. <i>Behavioural Brain Research</i> , 2014 , 271, 325-32	3.4	4
81	Personality changes and return to work after severe traumatic brain injury: a prospective study. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 213-9	2.6	23
80	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, 206-12	2.6	14
79	Effects of pentylenetetrazole kindling on mitogen-activated protein kinases levels in neocortex and hippocampus of mice. <i>Neurochemical Research</i> , 2014 , 39, 2492-500	4.6	11
78	Perspectives on molecular biomarkers of oxidative stress and antioxidant strategies in traumatic brain injury. <i>BioMed Research International</i> , 2014 , 2014, 723060	3	59
77	Role of hormonal levels on hospital mortality for male patients with severe traumatic brain injury. <i>Brain Injury</i> , 2014 , 28, 1262-9	2.1	9
76	Role of agmatine in neurodegenerative diseases and epilepsy. <i>Frontiers in Bioscience - Elite</i> , 2014 , 6, 341-50	5.0	12
75	Androgens, Male Hypogonadism and Traumatic Brain Injury. <i>Open Journal of Endocrine and Metabolic Diseases</i> , 2014 , 04, 13-23	0.1	3
74	Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. <i>Neuroscience Letters</i> , 2013 , 541, 193-8	3.3	13
73	Brain lipoma, corpus callosum hypoplasia and polymicrogyria in familial multiple lipomatosis. <i>Clinical Neurology and Neurosurgery</i> , 2013 , 115, 1157-9	2	8
72	Excessive sleepiness and sleep patterns in patients with epilepsy: a case-control study. <i>Epilepsy and Behavior</i> , 2013 , 29, 63-6	3.2	23
71	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, 153-63	2.3	63
70	Brain MAPKs levels are differentially associated with seizures threshold and severity progression in pentylenetetrazole-kindled mice. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 726-9	6.8	1
69	In vitro manganese exposure disrupts MAPK signaling pathways in striatal and hippocampal slices from immature rats. <i>BioMed Research International</i> , 2013 , 2013, 769295	3	12
68	Plasma levels of oxidative stress biomarkers and long-term cognitive performance after severe head injury. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 606-8	6.8	8
67	Intranasal administration of neurotoxicants in animals: support for the olfactory vector hypothesis of Parkinson's disease. <i>Neurotoxicity Research</i> , 2012 , 21, 90-116	4.3	64
66	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, 263-72	3.4	32
65	Predictors of quality of life in patients with refractory mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 25, 208-13	3.2	32

64	Psychiatric disorders and health-related quality of life after severe traumatic brain injury: a prospective study. <i>Journal of Neurotrauma</i> , 2012 , 29, 1029-37	5.4	77
63	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, 216-20	3.2	33
62	Postsurgical infection after myelomeningocele repair: a multivariate analysis of 60 consecutive cases. <i>Clinical Neurology and Neurosurgery</i> , 2012 , 114, 981-5	2	13
61	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.e11-9	4	42
60	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, 1868-78	4.6	32
59	Epilepsy perception amongst education professionals. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2012 , 18, 79-84		2
58	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 Alzheimers Disease</i> , 2012 , 32, 495-511	4.3	45
57	Interleukin-10 is an independent biomarker of severe traumatic brain injury prognosis. <i>NeuroImmunoModulation</i> , 2012 , 19, 377-85	2.5	51
56	Opsoclonus-myoclonus syndrome associated with Mycoplasma pneumoniae infection in an elderly patient. <i>Journal of the Neurological Sciences</i> , 2011 , 305, 147-8	3.2	13
55	Headache among mesial temporal lobe epilepsy patients: a case-control study. <i>Journal of the Neurological Sciences</i> , 2011 , 306, 20-3	3.2	10
54	Seizure precipitants and inhibiting factors in mesial temporal lobe epilepsy. <i>Journal of the Neurological Sciences</i> , 2011 , 308, 21-4	3.2	17
53	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, 781-9	3.8	16
52	Hippocampal sclerosis and ipsilateral headache among mesial temporal lobe epilepsy patients. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011 , 20, 480-4	3.2	24
51	Cross-cultural translation of the INSPIRIT-R for Brazil and its applicability among epilepsy patients. <i>Arquivos De Neuro-Psiquiatria</i> , 2011 , 69, 310-5	1.6	3
50	Utility of ictal single photon emission computed tomography in mesial temporal lobe epilepsy with hippocampal atrophy: a randomized trial. <i>Neurosurgery</i> , 2011 , 68, 431-6; discussion 436	3.2	27
49	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	3.3	61
48	Hospital mortality of patients with severe traumatic brain injury is associated with serum PTX3 levels. <i>Neurocritical Care</i> , 2011 , 14, 194-9	3.3	31
47	Oxidative stress in brain according to traumatic brain injury intensity. <i>Journal of Surgical Research</i> , 2010 , 164, 316-20	2.5	39

46	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, 1883-93	5.4	79
45	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	2.4	47
44	Hypogonadism after traumatic brain injury. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2009 , 53, 908-14		17
43	Differential gender-related susceptibility to learning and memory deficits in mice submitted to neonatal freezing microgyria model. <i>Brain Research Bulletin</i> , 2009 , 79, 177-81	3.9	10
42	Do psychiatric comorbidities predict postoperative seizure outcome in temporal lobe epilepsy surgery?. <i>Epilepsy and Behavior</i> , 2009 , 14, 529-34	3.2	69
41	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		57
40	Mild cognitive deficits associated to neocortical microgyria in mice with genetic deletion of cellular prion protein. <i>Brain Research</i> , 2008 , 1241, 148-56	3.7	9
39	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, 129-37	3.4	33
38	Psychiatric disorders and traumatic brain injury. <i>Neuropsychiatric Disease and Treatment</i> , 2008 , 4, 797-816	1.1	89
37	Involvement of cellular prion protein in the nociceptive response in mice. <i>Brain Research</i> , 2007 , 1151, 84-90	3.7	8
36	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, 25-9	3.9	6
35	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	3.4	23
34	Synaptosomal glutamate release and uptake in mice lacking the cellular prion protein. <i>Brain Research</i> , 2006 , 1075, 13-9	3.7	13
33	Foramen ovale electrodes can identify a focal seizure onset when surface EEG fails in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2006 , 47, 1300-7	6.4	23
32	Seizure outcome after surgery for epilepsy due to focal cortical dysplastic lesions. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006 , 15, 420-7	3.2	65
31	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, 635-42	3.2	9
30	Volumetric evidence of bilateral damage in unilateral mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2006 , 47, 1354-9	6.4	57
29	Normal brain mitochondrial respiration in adult mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2005 , 375, 203-6	3.3	17

28	Altered behavioural response to acute stress in mice lacking cellular prion protein. <i>Behavioural Brain Research</i> , 2005 , 162, 173-81	3.4	38
27	Interictal SPECT in patients with mesial temporal lobe epilepsy and psychosis: a case-control study. <i>Psychiatry Research - Neuroimaging</i> , 2005 , 138, 75-84	2.9	17
26	Short- and long-term memory are differentially modulated by hippocampal nerve growth factor and fibroblast growth factor. <i>Neurochemical Research</i> , 2005 , 30, 185-90	4.6	6
25	Memory tests are not good predictors of surgical outcome in patients with mesial temporal Lobe epilepsy associated with hippocampal sclerosis. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2005 , 11, 127-130		1
24	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, 346-57	3.2	8
23	Cellular prion protein: implications in seizures and epilepsy. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 249-57	4.6	34
22	Cellular prion protein: on the road for functions. <i>FEBS Letters</i> , 2002 , 512, 25-8	3.8	103
21	The Serum S100B Concentration Is Age Dependent. <i>Clinical Chemistry</i> , 2002 , 48, 950-952	5.5	109
20	Imbalance of antioxidant defense in mice lacking cellular prion protein. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 1137-44	7.8	190
19	Changes in cortical and hippocampal ectonucleotidase activities in mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2001 , 301, 72-4	3.3	17
18	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, 2185-9	3.5	21
17	Altered ATP hydrolysis induced by pentylene tetrazol kindling in rat brain synaptosomes. <i>Neurochemical Research</i> , 2000 , 25, 775-9	4.6	35
16	Short- and long-term memory: differential involvement of neurotransmitter systems and signal transduction cascades. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000 , 72, 353-64	1.4	23
15	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	3.1	84
14	Cellular prion protein binds laminin and mediates neuritogenesis. <i>Molecular Brain Research</i> , 2000 , 76, 85-92		245
13	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, 179-82	3.3	137
12	Increased sensitivity to seizures in mice lacking cellular prion protein. <i>Epilepsia</i> , 1999 , 40, 1679-82	6.4	160
11	MAPK and memory. <i>Trends in Neurosciences</i> , 1999 , 22, 495	13.3	9

10	Dose-dependent impairment of inhibitory avoidance retention in rats by immediate post-training infusion of a mitogen-activated protein kinase kinase inhibitor into cortical structures. <i>Behavioural Brain Research</i> , 1999 , 105, 219-23	3-4	44
9	Normal inhibitory avoidance learning and anxiety, but increased locomotor activity in mice devoid of PrP(C). <i>Molecular Brain Research</i> , 1999 , 71, 349-53		74
8	CNQX infused into entorhinal cortex blocks memory expression, and AMPA reverses the effect. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 48, 437-40	3-9	23
7	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		18
6	Post-training intrahippocampal infusion of protein kinase C inhibitors causes amnesia in rats. <i>Behavioral and Neural Biology</i> , 1994 , 61, 107-9		65
5	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, 132-8		32
4	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, 103-5	5-3	31
3	Memory processing by the limbic system: role of specific neurotransmitter systems. <i>Behavioural Brain Research</i> , 1993 , 58, 91-8	3-4	67
2	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		157
1	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, 105-9		48