

Esper Abro Cavalheiro

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.

433
papers

13,257
citations

53
h-index

99
g-index

464
ext. papers

14,331
ext. citations

3.7
avg, IF

5.93
L-index

#	Paper	IF	Citations
433	Differences in Evolution of Epileptic Seizures and Topographical Distribution of Tissue Damage in Selected Limbic Structures Between Male and Female Rats Submitted to the Pilocarpine Model.. <i>Frontiers in Neurology</i> , 2022 , 13, 802587	4.1	0
432	Chaotic and stochastic dynamics of epileptiform-like activities in sclerotic hippocampus resected from patients with pharmaco-resistant epilepsy.. <i>PLoS Computational Biology</i> , 2022 , 18, e1010027	5	0
431	Do Hippocampal Neurons Really Count for Comorbid Depression in Patients With Mesial Temporal Lobe Epilepsy and Hippocampal Sclerosis? A Histopathological Study.. <i>Frontiers in Integrative Neuroscience</i> , 2021 , 15, 747237	3.2	
430	Gut-microbiota-directed strategies to treat epilepsy: clinical and experimental evidence. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 80-92	3.2	4
429	Amazon rainforest rodents (Proechimys) are resistant to post-stroke epilepsy. <i>Scientific Reports</i> , 2021 , 11, 16780	4.9	0
428	Challenges in the treatment of a chronic disease: A study of narratives of people with juvenile myoclonic epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 74-79	3.2	0
427	Granule cell dispersion is associated with hippocampal neuronal cell loss, initial precipitating injury, and other clinical features in mesial temporal lobe epilepsy and hippocampal sclerosis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 60-66	3.2	0
426	Hormonal and biochemical changes in female Proechimys guyannensis, an animal model of resistance to pilocarpine-induced status epilepticus. <i>Scientific Reports</i> , 2020 , 10, 20982	4.9	1
425	Critical Elements for Connectivity Analysis of Brain Networks. <i>Brain Informatics and Health</i> , 2020 , 67-107	0.3	1
424	Modulation in phase and frequency of neural oscillations during epileptiform activity induced by neonatal Zika virus infection in mice. <i>Scientific Reports</i> , 2020 , 10, 6763	4.9	2
423	Plasma kallikrein-kinin system contributes to peripheral inflammation in temporal lobe epilepsy. <i>Journal of Neurochemistry</i> , 2019 , 150, 296-311	6	5
422	Behavioral, electrophysiological and neuropathological characteristics of the occurrence of hypertension in pregnant rats. <i>Scientific Reports</i> , 2019 , 9, 4051	4.9	2
421	Endogenous protection against the 6-OHDA model of Parkinson's disease in the Amazonian rodent Proechimys. <i>Neuroscience Letters</i> , 2019 , 709, 134381	3.3	3
420	Analysis of the Effect of Phototherapy on the Inflammatory Mediators in an Experimental Model of Ischemic Vascular Accident. <i>FASEB Journal</i> , 2019 , 33, 496.58	0.9	
419	Characterization of the estrous cycle in the Amazon spiny rat (). <i>Heliyon</i> , 2019 , 5, e03007	3.6	1
418	Losartan fails to suppress epileptiform activity in brain slices from resected tissues of patients with drug resistant epilepsy. <i>Journal of the Neurological Sciences</i> , 2019 , 397, 169-171	3.2	6
417	Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells. <i>Nature Communications</i> , 2018 , 9, 475	17.4	66

416	Status epilepticus does not induce acute brain inflammatory response in the Amazon rodent <i>Proechimys</i> , an animal model resistant to epileptogenesis. <i>Neuroscience Letters</i> , 2018 , 668, 169-173	3.3	22
415	Long-term Potentiation Decay and Poor Long-lasting Memory Process in the Wild Rodents from Brazil@ Amazon Rainforest. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 2	3.5	9
414	Different patterns of epileptiform-like activity are generated in the sclerotic hippocampus from patients with drug-resistant temporal lobe epilepsy. <i>Scientific Reports</i> , 2018 , 8, 7116	4.9	18
413	The impact of epilepsy duration in a series of patients with mesial temporal lobe epilepsy due to unilateral hippocampal sclerosis. <i>Epilepsy Research</i> , 2018 , 147, 51-57	3	8
412	High-resolution synchrotron-based X-ray microtomography as a tool to unveil the three-dimensional neuronal architecture of the brain. <i>Scientific Reports</i> , 2018 , 8, 12074	4.9	28
411	Acute and chronic neurological consequences of early-life Zika virus infection in mice. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	60
410	Down Syndrome iPSC-Derived Astrocytes Impair Neuronal Synaptogenesis and the mTOR Pathway In Vitro. <i>Molecular Neurobiology</i> , 2018 , 55, 5962-5975	6.2	24
409	Robust Network Inhibition and Decay of Early-Phase LTP in the Hippocampal CA1 Subfield of the Amazon Rodent. <i>Frontiers in Neural Circuits</i> , 2018 , 12, 81	3.5	6
408	Sudden unexpected death in Parkinson@ disease (SUDEP): sleep apnea increases risk of heart attack. <i>Sleep and Breathing</i> , 2017 , 21, 965-966	3.1	4
407	Impact of hippocampal subfield histopathology in episodic memory impairment in mesial temporal lobe epilepsy and hippocampal sclerosis. <i>Epilepsy and Behavior</i> , 2017 , 75, 183-189	3.2	15
406	Educational needs of epileptologists regarding psychiatric comorbidities of the epilepsies: a descriptive quantitative survey. <i>Epileptic Disorders</i> , 2017 , 19, 178-185	1.9	12
405	Computational Models for the Propagation of Spreading Depression Waves. <i>Communications in Computer and Information Science</i> , 2017 , 49-60	0.3	
404	Long-term alcohol exposure elicits hippocampal nonsynaptic epileptiform activity changes associated with expression and functional changes in NKCC1, KCC2 co-transporters and Na/K-ATPase. <i>Neuroscience</i> , 2017 , 340, 530-541	3.9	8
403	Fish Oil Supplementation Reduces Heart Levels of Interleukin-6 in Rats with Chronic Inflammation due to Epilepsy. <i>Frontiers in Neurology</i> , 2017 , 8, 263	4.1	6
402	Omega-3 fatty acids and SUDEP prevention. <i>Lancet Neurology</i> , 2016 , 15, 1303	24.1	2
401	Hippocampal atrophy on MRI is predictive of histopathological patterns and surgical prognosis in mesial temporal lobe epilepsy with hippocampal sclerosis. <i>Epilepsy Research</i> , 2016 , 128, 169-175	3	23
400	Sudden unexpected death in Parkinson@ disease: Perspectives on what we have learned about sudden unexpected death in epilepsy (SUDEP). <i>Epilepsy and Behavior</i> , 2016 , 57, 124-125	3.2	5
399	Relationship between seizure frequency and number of neuronal and non-neuronal cells in the hippocampus throughout the life of rats with epilepsy. <i>Brain Research</i> , 2016 , 1634, 179-186	3.7	23

398	Sudden cardiac death in epilepsy disappoints, but epileptologists keep faith. <i>Arquivos De Neuro-Psiquiatria</i> , 2016 , 74, 570-3	1.6	7
397	Furthering our understanding of SUDEP: the role of animal models. <i>Expert Review of Neurotherapeutics</i> , 2016 , 16, 561-72	4.3	20
396	New avenues to prevent sudden unexpected death in nocturnal frontal lobe epilepsy: follow the route established by omega-3 polyunsaturated fatty acids. <i>Sleep Medicine</i> , 2015 , 16, 1020-1	4.6	2
395	Enhanced nonsynaptic epileptiform activity in the dentate gyrus after kainate-induced status epilepticus. <i>Neuroscience</i> , 2015 , 303, 59-72	3.9	6
394	Fish oil provides protection against the oxidative stress in pilocarpine model of epilepsy. <i>Metabolic Brain Disease</i> , 2015 , 30, 903-9	3.9	7
393	Undue regulatory control on phenobarbital—an important yet overlooked reason for the epilepsy treatment gap. <i>Epilepsia</i> , 2015 , 56, 659-62	6.4	14
392	Differential effects of exercise on brain opioid receptor binding and activation in rats. <i>Journal of Neurochemistry</i> , 2015 , 132, 206-17	6	16
391	Parvalbumin expression and distribution in the hippocampal formation of <i>Cebus apella</i> . <i>American Journal of Primatology</i> , 2015 , 77, 449-61	2.5	1
390	In response: Multifactorial basis of epilepsy in patients with neurocysticercosis. <i>Epilepsia</i> , 2015 , 56, 975-6.4	6.4	1
389	Epilepsy-induced electrocardiographic alterations following cardiac ischemia and reperfusion in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2015 , 48, 140-5	2.8	8
388	Valproic Acid Neuroprotection in the 6-OHDA Model of Parkinson Disease Is Possibly Related to Its Anti-Inflammatory and HDAC Inhibitory Properties. <i>Journal of Neurodegenerative Diseases</i> , 2015 , 2015, 313702		24
387	Drug resistance in cortical and hippocampal slices from resected tissue of epilepsy patients: no significant impact of p-glycoprotein and multidrug resistance-associated proteins. <i>Frontiers in Neurology</i> , 2015 , 6, 30	4.1	41
386	Neurocysticercosis: A natural human model of epileptogenesis. <i>Epilepsia</i> , 2015 , 56, 177-83	6.4	49
385	Omega-3 Fatty Acids and Sudden Unexpected Death in Epilepsy: A Translational Approach 2015 , 269-274		
384	Caffeine neuroprotective effects on 6-OHDA-lesioned rats are mediated by several factors, including pro-inflammatory cytokines and histone deacetylase inhibitions. <i>Behavioural Brain Research</i> , 2014 , 264, 116-25	3.4	40
383	Decreased expression of proteins involved in energy metabolism in the hippocampal granular layer of rats submitted to the pilocarpine epilepsy model. <i>Neuroscience Letters</i> , 2014 , 561, 46-51	3.3	6
382	Clearing the air on SUDEP: vote to ban smoking among people with epilepsy. <i>Epilepsy and Behavior</i> , 2014 , 36, 171-2	3.2	
381	More children with epilepsy are dying suddenly. <i>Epilepsy and Behavior</i> , 2014 , 37, 75-6	3.2	2

380	The beneficial effects of strength exercise on hippocampal cell proliferation and apoptotic signaling is impaired by anabolic androgenic steroids. <i>Psychoneuroendocrinology</i> , 2014 , 50, 106-17	5	46
379	Chew on this: sardines are still a healthy choice against SUDEP. <i>Epilepsy and Behavior</i> , 2014 , 41, 21-2	3.2	7
378	Labrador retrievers and SUDEP: a simple theory that may have important applications. <i>Epilepsy and Behavior</i> , 2014 , 32, 27-8	3.2	2
377	The effects of sleep deprivation on microRNA expression in rats submitted to pilocarpine-induced status epilepticus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 51, 159-65	5.5	10
376	Sudden unexpected death in children with epilepsy: Hearing from parents. <i>Epilepsy and Behavior</i> , 2014 , 31, 48-9	3.2	1
375	Two-hit rodent seizure model: a promising new design for research in SUDEP. <i>Epilepsy and Behavior</i> , 2014 , 35, 26-7	3.2	3
374	Lovastatin decreases the synthesis of inflammatory mediators during epileptogenesis in the hippocampus of rats submitted to pilocarpine-induced epilepsy. <i>Epilepsy and Behavior</i> , 2014 , 36, 68-73	3.2	28
373	"I'm afraid I have bad news for you" Alcohol contributes to the occurrence of sudden unexpected death in epilepsy and years lost. <i>Epilepsy and Behavior</i> , 2014 , 36, 131-2	3.2	1
372	Beneficial influence of physical exercise following status epilepticus in the immature brain of rats. <i>Neuroscience</i> , 2014 , 274, 69-81	3.9	17
371	Characterization of the sleep-wake cycle of the Neotropical rodent <i>Proechimys guyannensis</i> . <i>SAGE Open Medicine</i> , 2014 , 2, 2050312114544239	2.4	1
370	Indomethacin can downregulate the levels of inflammatory mediators in the hippocampus of rats submitted to pilocarpine-induced status epilepticus. <i>Clinics</i> , 2014 , 69, 621-6	2.3	7
369	Bereavement and behavioral changes as risk factors for cognitive decline in adults with Down syndrome. <i>Neuropsychiatric Disease and Treatment</i> , 2014 , 10, 2209-19	3.1	17
368	c-FOS expression after hippocampal deep brain stimulation in normal rats. <i>Neuromodulation</i> , 2014 , 17, 213-7; discussion 216-7	3.1	9
367	Expression and activity of thimet oligopeptidase (TOP) are modified in the hippocampus of subjects with temporal lobe epilepsy (TLE). <i>Epilepsia</i> , 2014 , 55, 754-762	6.4	5
366	Neglected Tropical Diseases and Conditions of the Nervous System 2014 ,		3
365	Tambaqui (<i>Colossoma macropomum</i>) and epilepsy: a flourishing of fish form. <i>Epilepsy and Behavior</i> , 2014 , 33, 73-4	3.2	
364	Sleep tight, wake up bright. Should sleep deprivation be included as a potential risk factor for SUDEP?. <i>Epilepsy and Behavior</i> , 2014 , 33, 75-6	3.2	3
363	Overview of Neglected Tropical Diseases and Conditions of the Nervous System: Past, Present and Perspectives 2014 , 3-19		1

362	Exercise-induced hippocampal anti-inflammatory response in aged rats. <i>Journal of Neuroinflammation</i> , 2013 , 10, 61	10.1	57
361	Omega-3 intake in people with obstructive sleep apnea: beauty sleep for the heart. <i>Epilepsy and Behavior</i> , 2013 , 29, 424-6	3.2	3
360	Sudden unexpected death in dogs with epilepsy: risks versus benefits of omega-3 fatty acid supplementation for man's best friend. <i>Epilepsy and Behavior</i> , 2013 , 27, 508-9	3.2	8
359	The prescription of omega-3 fatty acids for people with epilepsy by Brazilian epileptologists: we know the goal, but do we know the price?. <i>Epilepsy and Behavior</i> , 2013 , 27, 422-3	3.2	2
358	Attitudes of Brazilian epileptologists to discussion about SUDEP with their patients: truth may hurt, but does deceit hurt more?. <i>Epilepsy and Behavior</i> , 2013 , 27, 470-1	3.2	7
357	Sudden unexpected death in epilepsy: the pioneering contribution of William Spratling. <i>Epilepsy and Behavior</i> , 2013 , 28, 256-7	3.2	
356	Brain electrical activity after acute hippocampal stimulation in awake rats. <i>Neuromodulation</i> , 2013 , 16, 100-4	3.1	1
355	Omega-3 fatty acid supplementation reduces resting heart rate of rats with epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 27, 504-6	3.2	2
354	SUDEP research: challenges for the future. <i>Epilepsy and Behavior</i> , 2013 , 28, 134-5	3.2	5
353	Sleep and epilepsy: exploring an intriguing relationship with a translational approach. <i>Epilepsy and Behavior</i> , 2013 , 26, 405-9	3.2	20
352	Sudden unexpected death in epilepsy: small RNAs raise expectations. <i>Epilepsy and Behavior</i> , 2013 , 29, 591-3	3.2	7
351	Lovastatin and sudden unexpected death in epilepsy: a matter for debate. <i>Epilepsy and Behavior</i> , 2013 , 28, 10-1	3.2	
350	Tachycardia and SUDEP: reassuring news about beta blockers. <i>Epilepsy and Behavior</i> , 2013 , 27, 510-2	3.2	3
349	Activation and involvement of the lateral-posterior nucleus of the thalamus after a single generalized tonic-clonic seizure. <i>Epilepsy and Behavior</i> , 2013 , 28, 104-7	3.2	4
348	Differential effects of exercise intensities in hippocampal BDNF, inflammatory cytokines and cell proliferation in rats during the postnatal brain development. <i>Neuroscience Letters</i> , 2013 , 553, 1-6	3.3	41
347	Sudden unexpected death in epilepsy: from the lab to the clinic setting. <i>Epilepsy and Behavior</i> , 2013 , 26, 415-20	3.2	34
346	Head covering and SUDEP: lessons from sudden infant death syndrome. <i>Epilepsy and Behavior</i> , 2013 , 27, 513-4	3.2	1
345	Doctors, have you ever heard about sleep disturbance, erectile dysfunction, and epilepsy?. <i>Epilepsy and Behavior</i> , 2013 , 28, 8-9	3.2	5

344	Sexual response in female rats with status epilepticus. <i>Epilepsia</i> , 2013 , 54, 644-8	6.4	6
343	Experimental and clinical findings from physical exercise as complementary therapy for epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 26, 273-8	3.2	64
342	Piperine decreases pilocarpine-induced convulsions by GABAergic mechanisms. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 104, 144-53	3.9	44
341	Effect of co-transporter blockers on non-synaptic epileptiform activity-computational simulation. <i>Physical Biology</i> , 2013 , 10, 056008	3	5
340	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
339	Enhanced synaptic connectivity in the dentate gyrus during epileptiform activity: network simulation. <i>Computational Intelligence and Neuroscience</i> , 2013 , 2013, 949816	3	4
338	Changes in aminoacidergic and monoaminergic neurotransmission in the hippocampus and amygdala of rats after ayahuasca ingestion. <i>World Journal of Biological Chemistry</i> , 2013 , 4, 141-7	3.8	22
337	Omega-3 intake in people with epilepsy under regular hemodialysis program: here to stay. <i>Arquivos De Neuro-Psiquiatria</i> , 2013 , 71, 474-7	1.6	
336	Alcohol abuse promotes changes in non-synaptic epileptiform activity with concomitant expression changes in cotransporters and glial cells. <i>PLoS ONE</i> , 2013 , 8, e78854	3.7	9
335	Sleep Apnea and Inflammation - Getting a Good Night's Sleep with Omega-3 Supplementation. <i>Frontiers in Neurology</i> , 2013 , 4, 193	4.1	9
334	Environmental air pollution is an aggravating event for sudden unexpected death in epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2013 , 71, 807-10	1.6	4
333	Role of physical exercise as complementary treatment for epilepsy and other brain disorders. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6720-5	3.3	19
332	Granule cell dispersion is not a predictor of surgical outcome in temporal lobe epilepsy with mesial temporal sclerosis 2013 , 32, 24-30		27
331	Resistance to Epileptogenesis in the Neotropical Rodent <i>Proechimys</i> 2013 , 199-205		
330	Can people with epilepsy enjoy sports?. <i>Epilepsy Research</i> , 2012 , 98, 94-5	3	6
329	From depressive symptoms to depression in people with epilepsy: contribution of physical exercise to improve this picture. <i>Epilepsy Research</i> , 2012 , 99, 1-13	3	23
328	PDEI-5 for erectile dysfunction: a potential role in seizure susceptibility. <i>Journal of Sexual Medicine</i> , 2012 , 9, 2111-21	1.1	12
327	Impairment of sexual function in rats with epilepsy. <i>Journal of Sexual Medicine</i> , 2012 , 9, 2266-72	1.1	12

326	Early exercise promotes positive hippocampal plasticity and improves spatial memory in the adult life of rats. <i>Hippocampus</i> , 2012 , 22, 347-58	3.5	83
325	A possible role of cyclooxygenase-2 in the relationship between sleep and sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2012 , 53, 1846-8	6.4	2
324	Non-synaptic mechanisms that could be responsible for potential antiepileptic effects of omega-3 fatty acids. <i>Epilepsy and Behavior</i> , 2012 , 25, 138-40	3.2	4
323	A strength exercise program in rats with epilepsy is protective against seizures. <i>Epilepsy and Behavior</i> , 2012 , 25, 323-8	3.2	36
322	Animal study results suggest that an antifungal drug works against neuronal loss in epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 23, 174-5	3.2	0
321	Lights out! It is time for bed. Warning: obstructive sleep apnea increases risk of sudden death in people with epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 23, 510-1	3.2	9
320	Demystifying the effect of modafinil in epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 24, 287	3.2	
319	Interleukin-6 bares a dark side in sudden unexpected death in epilepsy. <i>Epilepsy and Behavior</i> , 2012 , 24, 285-6	3.2	8
318	Sudden unexpected death in children with epilepsy: the many faces of fungal pathogenicity. <i>Medical Hypotheses</i> , 2012 , 79, 127-8	3.8	4
317	The levels of renin-angiotensin related components are modified in the hippocampus of rats submitted to pilocarpine model of epilepsy. <i>Neurochemistry International</i> , 2012 , 61, 54-62	4.4	22
316	Behavioral and genetic effects promoted by sleep deprivation in rats submitted to pilocarpine-induced status epilepticus. <i>Neuroscience Letters</i> , 2012 , 515, 137-40	3.3	10
315	Serum magnesium and sudden unexpected death in epilepsy: a curious clinical sign or a necessity of life. <i>Epilepsy Research</i> , 2012 , 101, 293-4	3	2
314	Do pets reduce the likelihood of sudden unexplained death in epilepsy?. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012 , 21, 649-51	3.2	9
313	Granule cell dispersion is associated with memory impairment in right mesial temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012 , 21, 685-90	3.2	14
312	Hippocampal proteomic profile in temporal lobe epilepsy. <i>Journal of Epilepsy and Clinical Neurophysiology</i> , 2012 , 18, 53-56		8
311	Surgical and postmortem pathology studies: contribution for the investigation of temporal lobe epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2012 , 70, 945-52	1.6	5
310	Temporal lobe epilepsy with mesial temporal sclerosis: hippocampal neuronal loss as a predictor of surgical outcome. <i>Arquivos De Neuro-Psiquiatria</i> , 2012 , 70, 319-24	1.6	27
309	Epileptologists probe vagus nerve stimulation in children with refractory epilepsy: a promise against sudden unexpected death in epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2012 , 70, 953-5	1.6	3

308	Masruha et al. reply. <i>Developmental Medicine and Child Neurology</i> , 2012 , 54, 191-191	3.3	
307	Physical exercise: Potential candidate as complementary therapy for epilepsy. <i>Annals of Indian Academy of Neurology</i> , 2012 , 15, 167	0.9	6
306	Carbamazepine inhibits angiotensin I-converting enzyme, linking it to the pathogenesis of temporal lobe epilepsy. <i>Translational Psychiatry</i> , 2012 , 2, e93	8.6	13
305	Neurocysticercosis: a new trend in SUDEP research?. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2012 , 45, 280	1.5	1
304	Mothers of children with cerebral palsy with or without epilepsy: a quality of life perspective. <i>Disability and Rehabilitation</i> , 2011 , 33, 384-8	2.4	19
303	Malnutrition in infancy as a susceptibility factor for temporal lobe epilepsy in adulthood induced by the pilocarpine experimental model. <i>Developmental Neuroscience</i> , 2011 , 33, 469-78	2.2	8
302	Thyroid gland and cerebella lesions: New risk factors for sudden cardiac death in schizophrenia?. <i>Medical Hypotheses</i> , 2011 , 76, 251-3	3.8	
301	Neuroprotective effect of pyruvate and oxaloacetate during pilocarpine induced status epilepticus in rats. <i>Neurochemistry International</i> , 2011 , 58, 385-90	4.4	26
300	Kallikrein 1 is overexpressed by astrocytes in the hippocampus of patients with refractory temporal lobe epilepsy, associated with hippocampal sclerosis. <i>Neurochemistry International</i> , 2011 , 58, 477-82	4.4	11
299	Neuroglobin is up-regulated in the cerebellum of pups exposed to maternal epileptic seizures. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 891-7	2.7	11
298	Early physical exercise and seizure susceptibility later in life. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 861-5	2.7	22
297	Lovastatin decreases the synthesis of inflammatory mediators in the hippocampus and blocks the hyperthermia of rats submitted to long-lasting status epilepticus. <i>Epilepsy and Behavior</i> , 2011 , 20, 1-5	3.2	25
296	Melatonin administration after pilocarpine-induced status epilepticus: a new way to prevent or attenuate postlesion epilepsy?. <i>Epilepsy and Behavior</i> , 2011 , 20, 607-12	3.2	25
295	Epilepsy: a disease that can also kill. <i>Epilepsy and Behavior</i> , 2011 , 20, 738	3.2	
294	The King's Speech: should SUDEP be part of the script?. <i>Epilepsy and Behavior</i> , 2011 , 21, 212-3	3.2	3
293	Sudden unexpected death in epilepsy: uncovering the magic in hippocampal deep brain stimulation. <i>Epilepsy and Behavior</i> , 2011 , 21, 492-3	3.2	
292	Repeated amygdala-kindled seizures induce ictal rebound tachycardia in rats. <i>Epilepsy and Behavior</i> , 2011 , 22, 442-9	3.2	15
291	Show and tell: revelations about SUDEP from the Latin American Summer School on epilepsy. <i>Epilepsy and Behavior</i> , 2011 , 22, 813-4	3.2	2

290	Sleep, epilepsy and translational research: what can we learn from the laboratory bench?. <i>Progress in Neurobiology</i> , 2011 , 95, 396-405	10.9	24
289	Morphological and electrophysiological properties of pyramidal-like neurons in the stratum oriens of Cornu ammonis 1 and Cornu ammonis 2 area of <i>Proechimys</i> . <i>Neuroscience</i> , 2011 , 177, 252-68	3.9	20
288	Epileptologists struggle to make their voices heard. <i>Lancet, The</i> , 2011 , 378, 1136-7	4.0	
287	Epileptiform activity in the limbic system. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 565-93	2.4	6
286	The utility of omega-3 fatty acids in epilepsy: more than just a farmed tilapia!. <i>Arquivos De Neuro-Psiquiatria</i> , 2011 , 69, 118-21	1.6	4
285	Animal models of intellectual disability: towards a translational approach. <i>Clinics</i> , 2011 , 66 Suppl 1, 55-63.	3.3	9
284	Relationship between fluid-attenuated inversion-recovery (FLAIR) signal intensity and inflammatory mediator levels in the hippocampus of patients with temporal lobe epilepsy and mesial temporal sclerosis. <i>Arquivos De Neuro-Psiquiatria</i> , 2011 , 69, 91-9	1.6	15
283	Exercise paradigms to study brain injury recovery in rodents. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011 , 90, 452-65	2.6	39
282	Spontaneous periodic hypothermia and hyperhidrosis: a possibly novel cerebral neurotransmitter disorder. <i>Developmental Medicine and Child Neurology</i> , 2011 , 53, 378-80	3.3	12
281	Contamination of mesenchymal stem-cells with fibroblasts accelerates neurodegeneration in an experimental model of Parkinson disease. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 1006-17	6.4	32
280	Activation of D1/D5 dopamine receptors protects neurons from synapse dysfunction induced by amyloid-beta oligomers. <i>Journal of Biological Chemistry</i> , 2011 , 286, 3270-6	5.4	64
279	Hippocampal plasticity in rats submitted to a gastric restrictive procedure. <i>Nutritional Neuroscience</i> , 2011 , 14, 181-5	3.6	6
278	People with epilepsy receiving renal replacement therapy with hemodialysis: Scientists recall progress and promise of translational research. <i>Arquivos De Neuro-Psiquiatria</i> , 2011 , 69, 143-4	1.6	1
277	Sudden unexpected death in an adolescent with epilepsy: all roads lead to the heart?. <i>Cardiology Journal</i> , 2011 , 18, 194-6	1.4	9
276	Sudden unexpected death in patients with epilepsy receiving renal replacement therapy with dialysis: a 17-year experience at a single institution. <i>Hemodialysis International</i> , 2010 , 14, 364-9	1.7	4
275	Carbamazepine does not alter the intrinsic cardiac function in rats with epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2010 , 68, 573-8	1.6	3
274	Fish consumption, contaminants and sudden unexpected death in epilepsy: many more benefits than risks. <i>Brazilian Journal of Biology</i> , 2010 , 70, 665-70	1.5	10
273	What are the similarities between stress, sudden cardiac death in <i>Gallus gallus</i> and sudden unexpected death in people with epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2010 , 68, 788-90	1.6	6

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- 2 Three main factors in rat shuttle behavior: their pharmacology and sequential entry in operation during a two-way avoidance session. *Psychopharmacology*, **1976**, 49, 145-57 4-7 3¹
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