Miguel Angel Cortez

List of Publications by Year
in descending order

77	2,717	186265 28	206112 48
papers	citations	h-index	g-index

78	78	78	2955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seizure frequency discrepancy between subjective and objective ictal electroencephalography data in dogs. Journal of Veterinary Internal Medicine, 2021, 35, 1819-1825.	1.6	16
2	Effect of prior general anesthesia or sedation and antiseizure drugs on the diagnostic utility of wireless video electroencephalography in dogs. Journal of Veterinary Internal Medicine, 2020, 34, 1967-1974.	1.6	12
3	Neuroligin 2 regulates absence seizures and behavioral arrests through GABAergic transmission within the thalamocortical circuitry. Nature Communications, 2020, 11, 3744.	12.8	18
4	EEG before and after total corpus callosotomy for pharmacoresistant infantile spasms: Fast oscillations and slowâ€wave connectivity in hypsarrhythmia. Epilepsia, 2019, 60, 1849-1860.	5.1	16
5	Pharmacologically induced absence seizures versus kindling in Wistar rats. Ä°stanbul Kuzey Klinikleri, 2019, 7, 25-34.	0.3	1
6	Hypsarrhythmia in epileptic spasms: Synchrony in chaos. Seizure: the Journal of the British Epilepsy Association, 2018, 58, 55-61.	2.0	6
7	Prolonged rhythmic mid-temporal discharges (RMTD) in a 5-year old child. Journal of Clinical Neuroscience, 2018, 48, 81-82.	1.5	1
8	Absence Seizures as a Feature of Juvenile Myoclonic Epilepsy in Rhodesian Ridgeback Dogs. Journal of Veterinary Internal Medicine, 2018, 32, 428-432.	1.6	16
9	Latitudinal differences on the global epidemiology of infantile spasms: systematic review and meta-analysis. Orphanet Journal of Rare Diseases, 2018, 13, 216.	2.7	29
10	Perineal stimulation triggering seizures in a child with Dravet syndrome. Seizure: the Journal of the British Epilepsy Association, 2018, 62, 106-107.	2.0	2
11	Methodologic recommendations and possible interpretations of videoâ€‹scp›EEG‹/scp› recordings in immatureÂrodents used as experimental controls: AÂTASK1â€WG2 report of the ILAE/AES Joint TranslationalÂTask Force. Epilepsia Open, 2018, 3, 437-459.	2.4	12
12	Activation of Entorhinal Cortical Projections to the Dentate Gyrus Underlies Social Memory Retrieval. Cell Reports, 2018, 23, 2379-2391.	6.4	56
13	Kcnj6 (GIRK2) trisomy is not sufficient for conferring the susceptibility to infantile spasms seen in the Ts65Dn mouse model of down syndrome. Epilepsy Research, 2018, 145, 82-88.	1.6	11
14	5. Prospective pre-emptive EEG study prior to west syndrome. Clinical Neurophysiology, 2018, 129, e46.	1.5	0
15	Generalized myoclonic epilepsy with photosensitivity in juvenile dogs caused by a defective DIRAS family GTPase 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2669-2674.	7.1	39
16	Diagnostic Utility of Wireless Videoâ€Electroencephalography in Unsedated Dogs. Journal of Veterinary Internal Medicine, 2017, 31, 1469-1476.	1.6	34
17	Neuroligin 3 R451C mutation alters electroencephalography spectral activity in an animal model of autism spectrum disorders. Molecular Brain, 2017, 10, 10.	2.6	24
18	Infantile spasms in down syndrome: Rescue by knockdown of the GIRK2 channel. Annals of Neurology, 2016, 80, 511-521.	5.3	22

#	Article	IF	Citations
19	Systemic availability of guanidinoacetate affects GABAA receptor function and seizure threshold in GAMT deficient mice. Amino Acids, 2016, 48, 2041-2047.	2.7	13
20	Acute and chronic pharmacological models of generalized absence seizures. Journal of Neuroscience Methods, 2016, 260, 175-184.	2.5	14
21	Targeting the GABAB Receptor for the Treatment of Epilepsy. Receptors, 2016, , 175-195.	0.2	3
22	The <scp>GIRK</scp>2 subunit is involved in ISâ€like seizures induced by <scp>GABA</scp>_B receptor agonists. Epilepsia, 2015, 56, 1081-1087.	5.1	19
23	LIMK1 Regulates Long-Term Memory and Synaptic Plasticity via the Transcriptional Factor CREB. Molecular and Cellular Biology, 2015, 35, 1316-1328.	2.3	62
24	Paroxysmal Alpha Activity in Rett Syndrome: A Case Report. Pediatric Neurology, 2014, 51, 421-425.	2.1	6
25	EEG and neuroimaging correlations in children with lissencephaly. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 189-193.	2.0	12
26	Electrophysiological Recording Techniques. 2011. Edited by Robert P. Vertes, Robert W. StackmanJr. Published by Humana Press. 284 pages. C$120 approx.. Canadian Journal of Neurological Sciences, 2013, 40, 271-272.	0.5	0
27	Environmental Enrichment Improves Behavioral Outcome in the AY-9944 Model of Childhood Atypical Absence Epilepsy. International Journal of Neuroscience, 2012, 122, 449-457.	1.6	10
28	Circadian profiles of focal epileptic seizures: A need for reappraisal. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 412-416.	2.0	36
29	Mania-like behavior induced by genetic dysfunction of the neuron-specific Na ⁺ ,K ⁺ -ATPase Î±3 sodium pump. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18144-18149.	7.1	127
30	Evidence that clozapine directly interacts on the GABAB receptor. NeuroReport, 2011, 22, 637-641.	1.2	43
31	Arrhythmia and sudden death associated with elevated cardiac chloride channel activity. Journal of Cellular and Molecular Medicine, 2011, 15, 2307-2316.	3.6	14
32	Treatment of Infantile Spasms. Journal of Child Neurology, 2011, 26, 1411-1421.	1.4	63
33	PTG Depletion Removes Lafora Bodies and Rescues the Fatal Epilepsy of Lafora Disease. PLoS Genetics, 2011, 7, e1002037.	3.5	185
34	The Significance of Frontal Intermittent Rhythmic Delta Activity in Children. Canadian Journal of Neurological Sciences, 2010, 37, 656-661.	0.5	5
35	Absence seizures withÂmyoclonic features inÂaÂjuvenile Chihuahua dog. Epileptic Disorders, 2010, 12, 138-141.	1.3	23
36	GABAB receptors in absence epilepsy. Epilepsia, 2010, 51, 24-24.	5.1	5

#	Article	IF	Citations
37	Disruption of ClC-2 expression is associated with progressive neurodegeneration in aging mice. Neuroscience, 2010, 167, 154-162.	2.3	17
38	Mutation I810N in the Î±3 isoform of Na ⁺ ,K ⁺ -ATPase causes impairments in the sodium pump and hyperexcitability in the CNS. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14085-14090.	7.1	128
39	Predictive Value of Clinical and EEG Features in the Diagnosis of Stroke and Hypoxic Ischemic Encephalopathy in Neonates With Seizures. Stroke, 2009, 40, 2402-2407.	2.0	52
40	Infantile Spasms and Down Syndrome: A New Animal Model. Pediatric Research, 2009, 65, 499-503.	2.3	76
41	The circuitry of atypical absence seizures in GABABR1a transgenic mice. Pharmacology Biochemistry and Behavior, 2009, 94, 124-130.	2.9	25
42	Succinic semialdehyde dehydrogenase deficiency: Lessons from mice and men. Journal of Inherited Metabolic Disease, 2009, 32, 343-352.	3.6	97
43	Monoamine variability in the chronic model of atypical absence seizures. Epilepsia, 2009, 50, 768-775.	5.1	3
44	GABA receptor proteins within lipid rafts in the AYâ€9944 model of atypical absence seizures. Epilepsia, 2009, 50, 776-788.	5.1	11
45	Severity of atypical absence phenotype in GABAB transgenic mice is subunit specific. Epilepsy and Behavior, 2009, 14, 577-581.	1.7	20
46	Circadian distribution of generalized tonicâ€“clonic seizures associated with murine succinic semialdehyde dehydrogenase deficiency, a disorder of GABA metabolism. Epilepsy and Behavior, 2008, 13, 290-294.	1.7	18
47	A ketogenic diet rescues the murine succinic semialdehyde dehydrogenase deficient phenotype. Experimental Neurology, 2008, 210, 449-457.	4.1	54
48	5-HT2 modulation of AY-9944 induced atypical absence seizures. Neuroscience Letters, 2007, 418, 13-17.	2.1	15
49	Transgenic mice over-expressing GABABR1a receptors acquire an atypical absence epilepsy-like phenotype. Neurobiology of Disease, 2007, 26, 439-451.	4.4	33
50	Chronobiometry of Behavioral Activity in the Ts65Dn Model of Down Syndrome. Behavior Genetics, 2007, 37, 388-398.	2.1	31
51	Daily rhythms of seizure activity and behavior in a model of atypical absence epilepsy. Epilepsy and Behavior, 2006, 9, 564-572.	1.7	26
52	Serotonin Depletion Attenuates AY-9944-Mediated Atypical Absence Seizures. Epilepsia, 2006, 47, 240-246.	5.1	23
53	Nonconvulsive Seizures in the Pediatric Intensive Care Unit: Etiology, EEG, and Brain Imaging Findings. Epilepsia, 2006, 47, 1510-1518.	5.1	97
54	GABAB receptor antagonism abolishes the learning impairments in rats with chronic atypical absence seizures. European Journal of Pharmacology, 2006, 541, 64-72.	3.5	34

#	Article	IF	Citations
55	Succinic Semialdehyde Dehydrogenase Deficiency: GABAB receptor-mediated function. Brain Research, 2006, 1090, 15-22.	2.2	62
56	Status epilepticus in mice deficient for succinate semialdehyde dehydrogenase: GABAA receptor-mediated mechanisms. Annals of Neurology, 2006, 59, 42-52.	5.3	61
57	Pharmacologic Models of Generalized Absence Seizures in Rodents. , 2006, , 111-126.		10
58	Animal models of epilepsy and progressive effects of seizures. Advances in Neurology, 2006, 97, 293-304.	0.8	16
59	A Reappraisal of Rhythmic Coma Patterns in Children. Canadian Journal of Neurological Sciences, 2005, 32, 518-523.	0.5	11
60	Clinical and Neurophysiologic Spectrum Associated with Atypical Absence Seizures in Children with Intractable Epilepsy. Journal of Child Neurology, 2005, 20, 404-410.	1.4	29
61	Reactive EEG Patterns in Pediatric Coma. Pediatric Neurology, 2005, 33, 345-349.	2.1	44
62	Lovastatin exacerbates atypical absence seizures with only minimal effects on brain sterols. Journal of Lipid Research, 2004, 45, 2038-2043.	4.2	18
63	Laforin preferentially binds the neurotoxic starch-like polyglucosans, which form in its absence in progressive myoclonus epilepsy. Human Molecular Genetics, 2004, 13, 1117-1129.	2.9	101
64	Absence seizures in succinic semialdehyde dehydrogenase deficient mice: a model of juvenile absence epilepsy. Pharmacology Biochemistry and Behavior, 2004, 79, 547-553.	2.9	65
65	Hormonal regulation of atypical absence seizures. Annals of Neurology, 2004, 55, 353-361.	5.3	22
66	Refractory atypical absence seizures in rat: a two hit model. Epilepsy Research, 2004, 62, 53-63.	1.6	26
67	Learning and memory impairment in rats with chronic atypical absence seizures. Experimental Neurology, 2004, 190, 328-336.	4.1	48
68	Dynamical regimes underlying epileptiform events: role of instabilities and bifurcations in brain activity. Physica D: Nonlinear Phenomena, 2003, 186, 205-220.	2.8	49
69	Anticonvulsant properties of acetone, a brain ketone elevated by the ketogenic diet. Annals of Neurology, 2003, 54, 219-226.	5.3	160
70	Brain Sterols in the AY-9944 Rat Model of Atypical Absence Seizures. Epilepsia, 2002, 43, 3-8.	5.1	24
71	A chronic model of atypical absence seizures: studies of developmental and gender sensitivity. Epilepsy Research, 2002, 48, 111-119.	1.6	38
72	Alteration of GLUR2 expression in the rat brain following absence seizures induced by Î³-hydroxybutyric acid. Epilepsy Research, 2001, 44, 41-51.	1.6	14

#	Article	IF	Citations
73	Î³-Hydroxybutyric acid-induced absence seizures in GluR2 null mutant mice. Brain Research, 2001, 897, 27-35.	2.2	19
74	Type I Diabetes and Multiple Sclerosis Patients Target Islet Plus Central Nervous System Autoantigens; Nonimmunized Nonobese Diabetic Mice Can Develop Autoimmune Encephalitis. Journal of Immunology, 2001, 166, 2831-2841.	0.8	84
75	Interactions of Clobazam With Conventional Antiepileptics in Children. Journal of Child Neurology, 1997, 12, 208-213.	1.4	47
76	Infantile spasms: Seasonal onset differences and zeitgebers. Pediatric Neurology, 1997, 16, 220-224.	2.1	17
77	Recurrent seizures in metachromatic leukodystrophy. Pediatric Neurology, 1997, 17, 150-154.	2.1	36