Tonicarlo R Velasco

List of Publications by Year
in descending order

71	1,887	236925 25	276875 41
papers	citations	h-index	g-index

74	74	74	2381
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multidimensional Approach Assessing the Role of Interleukin 1 Beta in Mesial Temporal Lobe Epilepsy. Frontiers in Neurology, 2021, 12, 690847.	2.4	2
2	Improving surgical outcome with electric source imaging and high field magnetic resonance imaging. Seizure: the Journal of the British Epilepsy Association, 2021, 90, 145-154.	2.0	3
3	The intellectual profile of pediatric patients with posterior cortex epilepsy. Epilepsy and Behavior, 2021, 125, 108447.	1.7	0
4	Histological correlates of hippocampal magnetization transfer images in drug-resistant temporal lobe epilepsy patients. NeuroImage: Clinical, 2020, 28, 102463.	2.7	4
5	Drebrin expression patterns in patients with refractory temporal lobe epilepsy and hippocampal sclerosis. Epilepsia, 2020, 61, 1581-1594.	5.1	5
6	Modulation of NMDA receptor by miR-219 in the amygdala and hippocampus of patients with mesial temporal lobe epilepsy. Journal of Clinical Neuroscience, 2020, 74, 180-186.	1.5	15
7	Expression of circulating microRNAs as predictors of diagnosis and surgical outcome in patients with mesial temporal lobe epilepsy with hippocampal sclerosis. Epilepsy Research, 2020, 166, 106373.	1.6	20
8	Expression of MicroRNAs miR-145, miR-181c, miR-199a and miR-1183 in the Blood and Hippocampus of Patients with Mesial Temporal Lobe Epilepsy. Journal of Molecular Neuroscience, 2019, 69, 580-587.	2.3	24
9	Multimodal quantitative magnetic resonance imaging analysis with individualized postprocessing in patients with drug-resistant focal epilepsy and conventional visual inspection negative for epileptogenic lesions. Clinics, 2019, 74, e908.	1.5	0
10	Two-Dimensional Temporal Clustering Analysis for Patients with Epilepsy: Detecting Epilepsy-Related Information in EEG-fMRI Concordant, Discordant and Spike-Less Patients. Brain Topography, 2018, 31, 322-336.	1.8	8
11	Manual Hippocampal Subfield Segmentation Using High-Field MRI: Impact of Different Subfields in Hippocampal Volume Loss of Temporal Lobe Epilepsy Patients. Frontiers in Neurology, 2018, 9, 927.	2.4	28
12	The approach to patients with psychogenic nonepileptic seizures in epilepsy surgery centers regarding diagnosis, treatment, and education. Epilepsy and Behavior, 2017, 68, 78-83.	1.7	11
13	Everyday memory impairment in patients with temporal lobe epilepsy caused by hippocampal sclerosis. Epilepsy and Behavior, 2017, 69, 31-36.	1.7	23
14	Understanding the association of neurocysticercosis and mesial temporal lobe epilepsy and its impact on the surgical treatment of patients with drug-resistant epilepsy. Epilepsy and Behavior, 2017, 76, 168-177.	1.7	23
15	Individual hippocampal subfield assessment indicates that matrix macromolecules and gliosis are key elements for the increased T2 relaxation time seen in temporal lobe epilepsy. Epilepsia, 2017, 58, 149-159.	5.1	34
16	Rasmussen encephalitis tissue transfer program. Epilepsia, 2016, 57, 1005-1007.	5.1	3
17	Decision-making in patients with temporal lobe epilepsy: Delay gratification ability is not impaired in patients with hippocampal sclerosis. Epilepsy and Behavior, 2016, 60, 158-164.	1.7	8
18	Towards motion insensitive EEG-fMRI: Correcting motion-induced voltages and gradient artefact instability in EEG using an fMRI prospective motion correction (PMC) system. NeuroImage, 2016, 138, 13-27.	4.2	35

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19	Adhesio interthalamica and cavum septum pellucidum in mesial temporal lobe epilepsy. Brain Imaging and Behavior, 2016, 10, 849-856.	2.1	17
20	Using network dynamic fMRI for detection of epileptogenic foci. BMC Neurology, 2015, 15, 262.	1.8	21
21	Temporal lobe epilepsy patients with severe hippocampal neuron loss but normal hippocampal volume: Extracellular matrix molecules are important for the maintenance of hippocampal volume. Epilepsia, 2015, 56, 1562-1570.	5.1	35
22	The social context and the need of information from patients with epilepsy: evaluating a tertiary referral service. Arquivos De Neuro-Psiquiatria, 2015, 73, 298-303.	0.8	4
23	Increased frequency of hippocampal sclerosis ILAE type 2 in patients with mesial temporal lobe epilepsy with normal episodic memory: Table 1. Brain, 2015, 138, e359-e359.	7.6	27
24	Systematic review of the efficacy in seizure control and safety of neuronavigation in epilepsy surgery: The need for well-designed prospective studies. Seizure: the Journal of the British Epilepsy Association, 2015, 31, 99-107.	2.0	6
25	A Comparison of Independent Component Analysis (ICA) of fMRI and Electrical Source Imaging (ESI) in Focal Epilepsy Reveals Misclassification Using a Classifier. Brain Topography, 2015, 28, 813-831.	1.8	9
26	Neuroimaging observations linking neurocysticercosis and mesial temporal lobe epilepsy with hippocampal sclerosis. Epilepsy Research, 2015, 116, 34-39.	1.6	25
27	Hemispheric dysplasia and hemimegalencephaly: imaging definitions. Child's Nervous System, 2014, 30, 1813-1821.	1.1	23
28	Characteristics of mesial temporal lobe epilepsy associated with hippocampal sclerosis plus neurocysticercosis. Epilepsy Research, 2014, 108, 1889-1895.	1.6	31
29	Letter by de Castro-Afonso et al Regarding Article, â€œOperatorâ€™s Experience Is the Most Efficient Embolic Protection Device for Carotid Artery Stentingâ€• Circulation: Cardiovascular Interventions, 2014, 7, 130-130.	3.9	0
30	Prnp gene and cerebellum volume in patients with refractory mesial temporal lobe epilepsy. Neurological Sciences, 2014, 35, 239-244.	1.9	1
31	Looking for complexity in quantitative semiology of frontal and temporal lobe seizures using neuroethology and graph theory. Epilepsy and Behavior, 2014, 38, 81-93.	1.7	14
32	Atypical neuropsychological profiles and cognitive outcome in mesial temporal lobe epilepsy. Epilepsy and Behavior, 2013, 27, 461-469.	1.7	36
33	Opercular myoclonic-anarthric status epilepticus due to glutamic acid decarboxylase antibody-associated encephalitis. Epileptic Disorders, 2013, 15, 342-346.	1.3	7
34	On the prognostic value of ictal EEG patterns in temporal lobe epilepsy surgery: A cohort study. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 287-291.	2.0	13
35	Flow Reversal Versus Filter Protection. Circulation: Cardiovascular Interventions, 2013, 6, 552-559.	3.9	36
36	Cognitive and Surgical Outcome in Mesial Temporal Lobe Epilepsy Associated with Hippocampal Sclerosis Plus Neurocysticercosis: A Cohort Study. PLoS ONE, 2013, 8, e60949.	2.5	25

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37	On the relationship between neurocysticercosis and mesial temporal lobe epilepsy associated with hippocampal sclerosis: coincidence or a pathogenic relationship?. Pathogens and Global Health, 2012, 106, 280-285.	2.3	29
38	Psychiatric comorbidity in refractory focal epilepsy: A study of 490 patients. Epilepsy and Behavior, 2012, 25, 593-597.	1.7	34
39	Validation of the Subjective Handicap of Epilepsy (SHE) in Brazilian patients with epilepsy. Epilepsy and Behavior, 2012, 24, 345-351.	1.7	2
40	Increased Metallothionein I/II Expression in Patients with Temporal Lobe Epilepsy. PLoS ONE, 2012, 7, e44709.	2.5	26
41	Independent predictors and a prognostic model for surgical outcome in refractory frontal lobe epilepsy. Epilepsy Research, 2012, 99, 55-63.	1.6	20
42	Amygdala gene expression of NMDA and GABA_A receptors in patients with mesial temporal lobe epilepsy. Hippocampus, 2012, 22, 92-97.	1.9	26
43	Utility of Ictal Single Photon Emission Computed Tomography in Mesial Temporal Lobe Epilepsy With Hippocampal Atrophy: A Randomized Trial. Neurosurgery, 2011, 68, 431-436.	1.1	29
44	Addressing overtreatment in patients with refractory epilepsy at a tertiary referral centre in Brazil. Epileptic Disorders, 2011, 13, 56-60.	1.3	15
45	Imaging epilepsy with SISCOM. Nature Reviews Neurology, 2011, 7, 240-240.	10.1	6
46	How frequent is the association of neurocysticercosis and mesial temporal lobe epilepsy with hippocampal sclerosis?. Epilepsia, 2010, 51, 2359-2360.	5.1	20
47	The neurobiological substrates of behavioral manifestations during temporal lobe seizures: A neuroethological and ictal SPECT correlation study. Epilepsy and Behavior, 2010, 17, 344-353.	1.7	18
48	Assessment and surgical outcomes for mild type I and severe type II cortical dysplasia: A critical review and the UCLA experience. Epilepsia, 2009, 50, 1310-1335.	5.1	345
49	Do psychiatric comorbidities predict postoperative seizure outcome in temporal lobe epilepsy surgery?. Epilepsy and Behavior, 2009, 14, 529-534.	1.7	78
50	Ictal technetium-99Âm ethyl cysteinate dimer single-photon emission tomographic findings in epileptic patients with polymicrogyria syndromes: A Subtraction of ictalâ€“interictal SPECT coregistered to MRI study. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 1159-1170.	6.4	22
51	Mesial temporal lobe epilepsy: Clinical and neuropathologic findings of familial and sporadic forms. Epilepsia, 2008, 49, 1046-1054.	5.1	37
52	Corrigendum to â€œCognitive performance of patients with mesial temporal lobe epilepsy is not associated with human prion protein gene variant allele at codons 129 and 171â€•[Epilepsy Behav 2006;8:635â€“42]. Epilepsy and Behavior, 2008, 12, 210-213.	1.7	0
53	Is dystonic posturing during temporal lobe epileptic seizures the expression of an endogenous anticonvulsant system?. Epilepsy and Behavior, 2008, 12, 39-48.	1.7	16
54	Sex as a Prognostic Factor for Surgical Outcome in Mesial Temporal Lobe Epilepsy. Archives of Neurology, 2007, 64, 288.	4.5	5

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55	Sphenoid Sinus Bleeding During Generalized Seizure. Clinical Nuclear Medicine, 2007, 32, 45-46.	1.3	1
56	Variable fMRI activation during two different language tasks in a patient with cognitive delay. Arquivos De Neuro-Psiquiatria, 2007, 65, 985-987.	0.8	4
57	Foramen Ovale Electrodes Can Identify a Focal Seizure Onset When Surface EEG Fails in Mesial Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 1300-1307.	5.1	31
58	Seizure outcome after surgery for epilepsy due to focal cortical dysplastic lesions. Seizure: the Journal of the British Epilepsy Association, 2006, 15, 420-427.	2.0	74
59	Cognitive performance of patients with mesial temporal lobe epilepsy is not associated with human prion protein gene variant allele at codons 129 and 171. Epilepsy and Behavior, 2006, 8, 635-642.	1.7	13
60	Language and Motor fMRI Activation in Polymicrogyric Cortex. Epilepsia, 2006, 47, 589-592.	5.1	39
61	Volumetric Evidence of Bilateral Damage in Unilateral Mesial Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 1354-1359.	5.1	66
62	Pontine activation during focal status epilepticus secondary to hamartoma of the floor of the fourth ventricle. Epilepsy Research, 2006, 68, 265-267.	1.6	24
63	Neurocysticercosis, mesial temporal lobe epilepsy, and hippocampal sclerosis: an association largely ignored. Lancet Neurology, The, 2006, 5, 20-21.	10.2	45
64	Clinical Features of Patients with Posterior Cortex Epilepsies and Predictors of Surgical Outcome. Epilepsia, 2005, 46, 1442-1449.	5.1	69
65	Interictal SPECT in patients with mesial temporal lobe epilepsy and psychosis: a case-control study. Psychiatry Research - Neuroimaging, 2005, 138, 75-84.	1.8	21
66	Surgically amenable epilepsies in children and adolescents: clinical, imaging, electrophysiological, and post-surgical outcome data. Child's Nervous System, 2005, 21, 546-551.	1.1	44
67	Surgical Treatment for Mesial Temporal Lobe Epilepsy in the Presence of Massive Calcified Neurocysticercosis. Archives of Neurology, 2004, 61, 1117-9.	4.5	32
68	Ictal chronology and interictal spikes predict perfusion patterns in temporal lobe epilepsy: a multivariate study. Seizure: the Journal of the British Epilepsy Association, 2004, 13, 346-357.	2.0	8
69	Clinical and Neuroimaging Features of Good and Poor Seizure Control Patients with Mesial Temporal Lobe Epilepsy and Hippocampal Atrophy. Epilepsia, 2003, 44, 807-814.	5.1	29
70	Cellular prion protein: implications in seizures and epilepsy. Cellular and Molecular Neurobiology, 2002, 22, 249-257.	3.3	45
71	Typical and Atypical Perfusion Patterns in Periictal SPECT of Patients with Unilateral Temporal Lobe Epilepsy. Epilepsia, 2001, 42, 660-666.	5.1	35