Robert P Carson

List of Publications by Year
in descending order

34 papers	1,192 citations	516215 16 h-index	433756 31 g-index
34 all docs	34 docs citations	34 times ranked	2007 citing authors

#	Article	IF	Citations
1	Nutritional Formulation for Patients with Angelman Syndrome: A Randomized, Double-Blind, Placebo-Controlled Study of Exogenous Ketones. Journal of Nutrition, 2021, 151, 3628-3636.	1.3	5
2	Increased Seizure Frequency Temporally Related to Vaping: Where Thereâ€™s Vapor, Thereâ€™s Seizures?. Pediatric Neurology, 2020, 104, 66-67.	1.0	12
3	Mirtazapine for sleep disturbances in Angelman syndrome: a retrospective chart review of 8 pediatric cases. Journal of Clinical Sleep Medicine, 2020, 16, 591-595.	1.4	12
4	DEPDC5 haploinsufficiency drives increased mTORC1 signaling and abnormal morphology in human iPSC-derived cortical neurons. Neurobiology of Disease, 2020, 143, 104975.	2.1	11
5	Authorâ€™s Reply to Samanta. Pediatric Neurology, 2020, 105, 75-76.	1.0	0
6	Prevention of premature death and seizures in a Depdc5 mouse epilepsy model through inhibition of mTORC1. Human Molecular Genetics, 2020, 29, 1365-1377.	1.4	25
7	Preserved expressive language as a phenotypic determinant of Mosaic Angelman Syndrome. Molecular Genetics & Genomic Medicine, 2019, 7, e837.	0.6	14
8	Cerebral aquaporin-4 expression is independent of seizures in tuberous sclerosis complex. Neurobiology of Disease, 2019, 129, 93-101.	2.1	5
9	Efficacy of artisanal preparations of cannabidiol for the treatment of epilepsy: Practical experiences in a tertiary medical center. Epilepsy and Behavior, 2018, 80, 240-246.	0.9	42
10	Myelin volume fraction imaging with MRI. NeuroImage, 2018, 182, 511-521.	2.1	58
11	Experimental studies of g-ratio MRI in ex vivo mouse brain. NeuroImage, 2018, 167, 366-371.	2.1	16
12	Loss of mTORC2 signaling in oligodendrocyte precursor cells delays myelination. PLoS ONE, 2017, 12, e0188417.	1.1	23
13	Multi-compartment microscopic diffusion imaging. NeuroImage, 2016, 139, 346-359.	2.1	280
14	A revised model for estimating g-ratio from MRI. NeuroImage, 2016, 125, 1155-1158.	2.1	50
15	Evaluation of diffusion kurtosis imaging in ex vivo hypomyelinated mouse brains. NeuroImage, 2016, 124, 612-626.	2.1	71
16	Quantitative analysis of mouse corpus callosum from electron microscopy images. Data in Brief, 2015, 5, 124-128.	0.5	21
17	Toward a Broader View of Ube3a in a Mouse Model of Angelman Syndrome: Expression in Brain, Spinal Cord, Sciatic Nerve and Glial Cells. PLoS ONE, 2015, 10, e0124649.	1.1	25
18	Hypomyelination following deletion of Tsc2 in oligodendrocyte precursors. Annals of Clinical and Translational Neurology, 2015, 2, 1041-1054.	1.7	53

#	Article	IF	Citations
19	Of mothers and myelin: Aberrant myelination phenotypes in mouse model of Angelman syndrome are dependent on maternal and dietary influences. Behavioural Brain Research, 2015, 291, 260-267.	1.2	13
20	Reply to â€œAtypical SREDA in sleepâ€• Clinical Neurophysiology, 2013, 124, 426.	0.7	0
21	Heterozygous inactivation of tsc2 enhances tumorigenesis in p53 mutant zebrafish. DMM Disease Models and Mechanisms, 2013, 6, 925-33.	1.2	14
22	Deletion of Rictor in neural progenitor cells reveals contributions of mTORC2 signaling to tuberous sclerosis complex. Human Molecular Genetics, 2013, 22, 140-152.	1.4	61
23	Multi-organ Abnormalities and mTORC1 Activation in Zebrafish Model of Multiple Acyl-CoA Dehydrogenase Deficiency. PLoS Genetics, 2013, 9, e1003563.	1.5	46
24	Heterozygous inactivation of tsc2 enhances tumorigenesis in p53 mutant zebrafish. Journal of Cell Science, 2013, 126, e1-e1.	1.2	0
25	Cystogenesis and elongated primary cilia in Tsc1-deficient distal convoluted tubules. American Journal of Physiology - Renal Physiology, 2012, 303, F584-F592.	1.3	30
26	Density spectral array analysis of SREDA during EEG-video monitoring. Clinical Neurophysiology, 2012, 123, 1096-1099.	0.7	7
27	Neuronal and glia abnormalities in Tsc1-deficient forebrain and partial rescue by rapamycin. Neurobiology of Disease, 2012, 45, 369-380.	2.1	139
28	Intramedullary spinal immature teratoma: resolution of quadriplegia following resection in a 4-week-old infant. Journal of Neurosurgery: Pediatrics, 2010, 6, 586-591.	0.8	10
29	Assessment of O-methylated catecholamine levels in plasma and urine for diagnosis of autonomic disorders. Autonomic Neuroscience: Basic and Clinical, 2004, 116, 1-10.	1.4	24
30	Genetic Manipulation of Noradrenergic Neurons. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 410-417.	1.3	28
31	Autonomic control after blockade of the norepinephrine transporter: a model of orthostatic intolerance. Journal of Applied Physiology, 2002, 93, 2192-2198.	1.2	15
32	Animal Model of Neuropathic Tachycardia Syndrome. Hypertension, 2001, 37, 1357-1361.	1.3	11
33	Familial Orthostatic Tachycardia Due to Norepinephrine Transporter Deficiency. Annals of the New York Academy of Sciences, 2001, 940, 527-544.	1.8	54
34	Orthostatic intolerance and the postural tachycardia syndrome: genetic and environment pathophysiologies. Pflugers Archiv European Journal of Physiology, 2000, 441, R48-R51.	1.3	17