

Roni Dhaher

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

599
citations

933447

10
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging synaptic density in the living human brain. <i>Science Translational Medicine</i> , 2016, 8, 348ra96.	12.4	343
2	The Glutamate-Glutamine Cycle in Epilepsy. <i>Advances in Neurobiology</i> , 2016, 13, 351-400.	1.8	57
3	Selective deletion of glutamine synthetase in the mouse cerebral cortex induces glial dysfunction and vascular impairment that precede epilepsy and neurodegeneration. <i>Neurochemistry International</i> , 2019, 123, 22-33.	3.8	39
4	Network evolution in mesial temporal lobe epilepsy revealed by diffusion tensor imaging. <i>Epilepsia</i> , 2017, 58, 824-834.	5.1	31
5	Astroglial Glutamine Synthetase and the Pathogenesis of Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 665334.	2.4	18
6	5-Aminovaleric acid suppresses the development of severe seizures in the methionine sulfoximine model of mesial temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2014, 67, 18-23.	4.4	16
7	Effects of site-specific infusions of methionine sulfoximine on the temporal progression of seizures in a rat model of mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 115, 45-54.	1.6	16
8	Progressive neuronal activation accompanies epileptogenesis caused by hippocampal glutamine synthetase inhibition. <i>Experimental Neurology</i> , 2017, 288, 122-133.	4.1	16
9	Inhibition of glutamine synthetase in the central nucleus of the amygdala induces anhedonic behavior and recurrent seizures in a rat model of mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015, 51, 96-103.	1.7	14
10	Branched-Chain Amino Acids and Seizures: A Systematic Review of the Literature. <i>CNS Drugs</i> , 2019, 33, 755-770.	5.9	12
11	Network-Related Changes in Neurotransmitters and Seizure Propagation During Rodent Epileptogenesis. <i>Neurology</i> , 2021, 96, e2261-e2271.	1.1	11
12	Effects of Branched-Chain Amino Acid Supplementation on Spontaneous Seizures and Neuronal Viability in a Model of Mesial Temporal Lobe Epilepsy. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, 31, 247-256.	1.2	8
13	Small loci of astroglial glutamine synthetase deficiency in the postnatal brain cause epileptic seizures and impaired functional connectivity. <i>Epilepsia</i> , 2021, 62, 2858-2870.	5.1	7
14	Increased branched-chain amino acids at baseline and hours before a spontaneous seizure in the human epileptic brain. <i>Epilepsia</i> , 2021, 62, e88-e97.	5.1	6
15	Circadian-Like Rhythmicity of Extracellular Brain Glutamate in Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 398.	2.4	4
16	Oral glutamine supplementation increases seizure severity in a rodent model of mesial temporal lobe epilepsy. <i>Nutritional Neuroscience</i> , 2020, , 1-6.	3.1	1
17	5 Oral Administration of Branched-Chain Amino Acids Results in Increased Seizure Threshold and Loss of Hippocampal Neurons in a Rodent Model of Mesial Temporal Lobe Epilepsy. <i>American Journal of Clinical Pathology</i> , 2018, 149, S165-S166.	0.7	0
18	2235 15N-Leucine transport across the blood brain barrier is significantly impaired in the glutamine synthetase-inhibited brain. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 1-1.	0.6	0