

Jakob Dahl Nissen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

609
citations

777949

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939365

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907
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutamate Dehydrogenase Is Important for Ammonia Fixation and Amino Acid Homeostasis in Brain During Hyperammonemia. <i>Frontiers in Neuroscience</i> , 2021, 15, 646291.	1.4	13
2	Conditional Knockout of GLT-1 in Neurons Leads to Alterations in Aspartate Homeostasis and Synaptic Mitochondrial Metabolism in Striatum and Hippocampus. <i>Neurochemical Research</i> , 2020, 45, 1420-1437.	1.6	17
3	Hypermetabolism and impaired endothelium-dependent vasodilation in mesenteric arteries of type 2 diabetes mellitus db/db mice. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 539-548.	0.9	12
4	Glycogen metabolism is impaired in the brain of male type 2 diabetic Goto-Kakizaki rats. <i>Journal of Neuroscience Research</i> , 2019, 97, 1004-1017.	1.3	16
5	Deletion of Neuronal GLT-1 in Mice Reveals Its Role in Synaptic Glutamate Homeostasis and Mitochondrial Function. <i>Journal of Neuroscience</i> , 2019, 39, 4847-4863.	1.7	42
6	Improved cerebral energetics and ketone body metabolism in db/db mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1137-1147.	2.4	34
7	Expression of the human isoform of glutamate dehydrogenase, hGDH2, augments TCA cycle capacity and oxidative metabolism of glutamate during glucose deprivation in astrocytes. <i>Glia</i> , 2017, 65, 474-488.	2.5	30
8	Metabolic Characterization of Acutely Isolated Hippocampal and Cerebral Cortical Slices Using [U-13C]Glucose and [1,2-13C]Acetate as Substrates. <i>Neurochemical Research</i> , 2017, 42, 810-826.	1.6	30
9	Alterations in Cerebral Cortical Glucose and Glutamine Metabolism Precedes Amyloid Plaques in the APP ^{swe} /PSEN1 ^{dE9} Mouse Model of Alzheimer's Disease. <i>Neurochemical Research</i> , 2017, 42, 1589-1598.	1.6	58
10	Impaired Hippocampal Glutamate and Glutamine Metabolism in the db/db Mouse Model of Type 2 Diabetes Mellitus. <i>Neural Plasticity</i> , 2017, 2017, 1-9.	1.0	26
11	Dysfunctional TCA-Cycle Metabolism in Glutamate Dehydrogenase Deficient Astrocytes. <i>Glia</i> , 2015, 63, 2313-2326.	2.5	60
12	Glucose replaces glutamate as energy substrate to fuel glutamate uptake in glutamate dehydrogenase-deficient astrocytes. <i>Journal of Neuroscience Research</i> , 2015, 93, 1093-1100.	1.3	16
13	AMPK Activation Affects Glutamate Metabolism in Astrocytes. <i>Neurochemical Research</i> , 2015, 40, 2431-2442.	1.6	20
14	Fluidic system for long-term in vitro culturing and monitoring of organotypic brain slices. <i>Biomedical Microdevices</i> , 2015, 17, 71.	1.4	10
15	G-protein-coupled inward rectifier potassium current contributes to ventricular repolarization. <i>Cardiovascular Research</i> , 2014, 101, 175-184.	1.8	33
16	Attenuated Ventricular β^2 -Adrenergic Response and Reduced Repolarization Reserve in a Rabbit Model of Chronic Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 142-150.	0.8	9
17	Inhibition of Small-Conductance Ca^{2+} -Activated K^{+} Channels Terminates and Protects Against Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 380-390.	2.1	164
18	Antiarrhythmic effect of IKr activation in a cellular model of LQT3. <i>Heart Rhythm</i> , 2009, 6, 100-106.	0.3	19