Jeffrey D Erickson

List of Publications by Year
in descending order

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30 papers	3,432 citations	236925 25 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	3269 citing authors

#	Article	IF	Citations
1	Molecular, Structural, Functional, and Pharmacological Sites for Vesicular Glutamate Transporter Regulation. Molecular Neurobiology, 2020, 57, 3118-3142.	4.0	31
2	Functional identification of activityâ€regulated, highâ€affinity glutamine transport in hippocampal neurons inhibited by riluzole. Journal of Neurochemistry, 2017, 142, 29-40.	3.9	19
3	Dysregulation of Glutamine Transporter SNAT1 in Rett Syndrome Microglia: A Mechanism for Mitochondrial Dysfunction and Neurotoxicity. Journal of Neuroscience, 2015, 35, 2516-2529.	3.6	71
4	Neurodevelopmental Role for VGLUT2 in Pyramidal Neuron Plasticity, Dendritic Refinement, and in Spatial Learning. Journal of Neuroscience, 2012, 32, 15886-15901.	3.6	52
5	Excitation-Transcription Coupling via Calcium/Calmodulin-dependent Protein Kinase/ERK1/2 Signaling Mediates the Coordinate Induction of VGLUT2 and Narp Triggered by a Prolonged Increase in Glutamatergic Synaptic Activity. Journal of Biological Chemistry, 2010, 285, 14366-14376.	3.4	39
6	SNAT2 Amino Acid Transporter Is Regulated by Amino Acids of the SLC6 Î³-Aminobutyric Acid Transporter Subfamily in Neocortical Neurons and May Play No Role in Delivering Glutamine for Glutamatergic Transmission. Journal of Biological Chemistry, 2009, 284, 11224-11236.	3.4	42
7	Analysis of a Vesicular Glutamate Transporter (VGLUT2) Supports a Cell-leakage Mode in Addition to Vesicular Packaging. Neurochemical Research, 2008, 33, 238-247.	3.3	11
8	A Critical Role for System A Amino Acid Transport in the Regulation of Dendritic Development by Brain-derived Neurotrophic Factor (BDNF). Journal of Biological Chemistry, 2007, 282, 5152-5159.	3.4	18
9	Acidosis-Sensing Glutamine Pump SNAT2 Determines Amino Acid Levels and Mammalian Target of Rapamycin Signalling to Protein Synthesis in L6 Muscle Cells. Journal of the American Society of Nephrology: JASN, 2007, 18, 1426-1436.	6.1	78
10	Activity-dependent regulation of vesicular glutamate and GABA transporters: A means to scale quantal size. Neurochemistry International, 2006, 48, 643-649.	3.8	83
11	Identification of Endophilins 1 and 3 as Selective Binding Partners for VGLUT1 and Their Co-Localization in Neocortical Glutamatergic Synapses: Implications for Vesicular Glutamate Transporter Trafficking and Excitatory Vesicle Formation. Cellular and Molecular Neurobiology, 2006, 26, 677-691.	3.3	50
12	Presynaptic Regulation of Quantal Size by the Vesicular Glutamate Transporter VGLUT1. Journal of Neuroscience, 2005, 25, 6221-6234.	3.6	285
13	Homeostatic Scaling of Vesicular Glutamate and GABA Transporter Expression in Rat Neocortical Circuits. Journal of Neuroscience, 2005, 25, 7121-7133.	3.6	166
14	Sodium-coupled neutral amino acid (System N/A) transporters of the SLC38 gene family. Pflugers Archiv European Journal of Physiology, 2004, 447, 784-795.	2.8	441
15	The synthesis of SNAT2 transporters is required for the hypertonic stimulation of system A transport activity. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1667, 157-166.	2.6	35
16	Functional Properties and Cellular Distribution of the System A Glutamine Transporter SNAT1 Support Specialized Roles in Central Neurons. Journal of Biological Chemistry, 2003, 278, 23720-23730.	3.4	126
17	Localization and Functional Relevance of System A Neutral Amino Acid Transporters in Cultured Hippocampal Neurons. Journal of Biological Chemistry, 2002, 277, 10467-10473.	3.4	60
18	Molecular Cloning and Functional Identification of Mouse Vesicular Glutamate Transporter 3 and Its Expression in Subsets of Novel Excitatory Neurons. Journal of Biological Chemistry, 2002, 277, 50734-50748.	3.4	353

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19	Selective Up-Regulation of System A Transporter mRNA in Diabetic Liver. Biochemical and Biophysical Research Communications, 2002, 290, 903-908.	2.1	35
20	Identification of the Differentiation-Associated Na⁺/P_ITransporter as a Novel Vesicular Glutamate Transporter Expressed in a Distinct Set of Glutamatergic Synapses. Journal of Neuroscience, 2002, 22, 142-155.	3.6	416
21	Analysis of Point Mutants in the Caenorhabditis elegans Vesicular Acetylcholine Transporter Reveals Domains Involved in Substrate Translocation. Journal of Biological Chemistry, 2001, 276, 41580-41587.	3.4	37
22	Cloning and Functional Identification of a Neuronal Glutamine Transporter. Journal of Biological Chemistry, 2000, 275, 4049-4054.	3.4	265
23	A Novel System A Isoform Mediating Na+/Neutral Amino Acid Cotransport. Journal of Biological Chemistry, 2000, 275, 22790-22797.	3.4	213
24	Preservation of nucleus basalis neurons containing choline acetyltransferase and the vesicular acetylcholine transporter in the elderly with mild cognitive impairment and early Alzheimer's disease. Journal of Comparative Neurology, 1999, 411, 693-704.	1.6	235
25	Preservation of nucleus basalis neurons containing choline acetyltransferase and the vesicular acetylcholine transporter in the elderly with mild cognitive impairment and early Alzheimer's disease. Journal of Comparative Neurology, 1999, 411, 693-704.	1.6	2
26	The Cytoplasmic Tail of the Vesicular Acetylcholine Transporter Contains a Synaptic Vesicle Targeting Signal. Journal of Biological Chemistry, 1998, 273, 9094-9098.	3.4	62
27	[6] Functional identification of vesicular monoamine and acetylcholine transporters. Methods in Enzymology, 1998, 296, 84-99.	1.0	6
28	Vesicular neurotransmitter transporters. Molecular Neurobiology, 1997, 15, 165-191.	4.0	67
29	Active Transport of Acetylcholine by the Human Vesicular Acetylcholine Transporter. Journal of Biological Chemistry, 1996, 271, 27229-27232.	3.4	101
30	Chloride ion increases [3H]dopamine accumulation by synaptic vesicles purified from rat striatum: inhibition by thiocyanate ion. Brain Research, 1990, 516, 155-160.	2.2	33