

# 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	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
2	Identification of the Differentiation-Associated Na <sup>+</sup> /P <sup>I</sup> Transporter as a Novel Vesicular Glutamate Transporter Expressed in a Distinct Set of Glutamatergic Synapses. Journal of Neuroscience, 2002, 22, 142-155.	3.6	416
3	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
4	Presynaptic Regulation of Quantal Size by the Vesicular Glutamate Transporter VGLUT1. Journal of Neuroscience, 2005, 25, 6221-6234.	3.6	285
5	Cloning and Functional Identification of a Neuronal Glutamine Transporter. Journal of Biological Chemistry, 2000, 275, 4049-4054.	3.4	265
6	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
7	A Novel System A Isoform Mediating Na <sup>+</sup> /Neutral Amino Acid Cotransport. Journal of Biological Chemistry, 2000, 275, 22790-22797.	3.4	213
8	Homeostatic Scaling of Vesicular Glutamate and GABA Transporter Expression in Rat Neocortical Circuits. Journal of Neuroscience, 2005, 25, 7121-7133.	3.6	166
9	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
10	Active Transport of Acetylcholine by the Human Vesicular Acetylcholine Transporter. Journal of Biological Chemistry, 1996, 271, 27229-27232.	3.4	101
11	Activity-dependent regulation of vesicular glutamate and GABA transporters: A means to scale quantal size. Neurochemistry International, 2006, 48, 643-649.	3.8	83
12	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
13	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
14	Vesicular neurotransmitter transporters. Molecular Neurobiology, 1997, 15, 165-191.	4.0	67
15	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
16	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
17	Neurodevelopmental Role for VGLUT2 in Pyramidal Neuron Plasticity, Dendritic Refinement, and in Spatial Learning. Journal of Neuroscience, 2012, 32, 15886-15901.	3.6	52
18	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

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19	SNAT2 Amino Acid Transporter Is Regulated by Amino Acids of the SLC6 $\hat{I}^3$ -Aminobutyric Acid Transporter Subfamily in Neocortical Neurons and May Play No Role in Delivering Glutamine for Glutamatergic Transmission. <i>Journal of Biological Chemistry</i> , 2009, 284, 11224-11236.	3.4	42
20	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. <i>Journal of Biological Chemistry</i> , 2010, 285, 14366-14376.	3.4	39
21	Analysis of Point Mutants in the <i>Caenorhabditis elegans</i> Vesicular Acetylcholine Transporter Reveals Domains Involved in Substrate Translocation. <i>Journal of Biological Chemistry</i> , 2001, 276, 41580-41587.	3.4	37
22	Selective Up-Regulation of System A Transporter mRNA in Diabetic Liver. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 903-908.	2.1	35
23	The synthesis of SNAT2 transporters is required for the hypertonic stimulation of system A transport activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1667, 157-166.	2.6	35
24	Chloride ion increases [3H]dopamine accumulation by synaptic vesicles purified from rat striatum: inhibition by thiocyanate ion. <i>Brain Research</i> , 1990, 516, 155-160.	2.2	33
25	Molecular, Structural, Functional, and Pharmacological Sites for Vesicular Glutamate Transporter Regulation. <i>Molecular Neurobiology</i> , 2020, 57, 3118-3142.	4.0	31
26	Functional identification of activity-regulated, high-affinity glutamine transport in hippocampal neurons inhibited by riluzole. <i>Journal of Neurochemistry</i> , 2017, 142, 29-40.	3.9	19
27	A Critical Role for System A Amino Acid Transport in the Regulation of Dendritic Development by Brain-derived Neurotrophic Factor (BDNF). <i>Journal of Biological Chemistry</i> , 2007, 282, 5152-5159.	3.4	18
28	Analysis of a Vesicular Glutamate Transporter (VGLUT2) Supports a Cell-leakage Mode in Addition to Vesicular Packaging. <i>Neurochemical Research</i> , 2008, 33, 238-247.	3.3	11
29	[6] Functional identification of vesicular monoamine and acetylcholine transporters. <i>Methods in Enzymology</i> , 1998, 296, 84-99.	1.0	6
30	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. <i>Journal of Comparative Neurology</i> , 1999, 411, 693-704.	1.6	2