

Kathleen J Sweadner

List of Publications by Year in descending order

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39
papers

2,751
citations

218677

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302126

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docs citations

40
times ranked

2557
citing authors

#	ARTICLE	IF	CITATIONS
1	Misfolding, altered membrane distributions, and the unfolded protein response contribute to pathogenicity differences in Na,K-ATPase ATP1A3 mutations. <i>Journal of Biological Chemistry</i> , 2021, 296, 100019.	3.4	15
2	Rapid-Onset Dystonia-Parkinsonism Phenotype Consistency for a Novel Variant of ATP1A3 in Patients Across 3 Global Populations. <i>Neurology: Genetics</i> , 2021, 7, e562.	1.9	2
3	Revising rapid-onset dystonia-parkinsonism: Broadening indications for ATP1A3 testing. <i>Movement Disorders</i> , 2019, 34, 1528-1536.	3.9	34
4	Factors in the disease severity of ATP1A3 mutations: Impairment, misfolding, and allele competition. <i>Neurobiology of Disease</i> , 2019, 132, 104577.	4.4	31
5	Genotype-structure-phenotype relationships diverge in paralogs ATP1A1, ATP1A2, and ATP1A3. <i>Neurology: Genetics</i> , 2019, 5, e303.	1.9	33
6	De novo ATP1A3 and compound heterozygous NLRP3 mutations in a child with autism spectrum disorder, episodic fatigue and somnolence, and muckle-wells syndrome. <i>Molecular Genetics and Metabolism Reports</i> , 2018, 16, 23-29.	1.1	12
7	An ion-transport enzyme that rocks. <i>Nature</i> , 2017, 545, 162-164.	27.8	5
8	Impaired AQP2 trafficking in Fxyd1 knockout mice: A role for FXYD1 in regulated vesicular transport. <i>PLoS ONE</i> , 2017, 12, e0188006.	2.5	11
9	ATP1A3 Mutation in Adult Rapid-Onset Ataxia. <i>PLoS ONE</i> , 2016, 11, e0151429.	2.5	34
10	Colorimetric Assays of Na,K-ATPase. <i>Methods in Molecular Biology</i> , 2016, 1377, 89-104.	0.9	4
11	Functional Studies of Na ⁺ ,K ⁺ -ATPase Using Transfected Cell Cultures. <i>Methods in Molecular Biology</i> , 2016, 1377, 321-332.	0.9	2
12	A dystonia-like movement disorder with brain and spinal neuronal defects is caused by mutation of the mouse laminin β 1 subunit, Lamb1. <i>ELife</i> , 2015, 4, .	6.0	21
13	Novel mutations in ATP1A3 associated with catastrophic early life epilepsy, episodic prolonged apnea, and postnatal microcephaly. <i>Epilepsia</i> , 2015, 56, 422-430.	5.1	107
14	Rapid-onset dystonia-parkinsonism associated with the I758S mutation of the ATP1A3 gene: a neuropathologic and neuroanatomical study of four sibs. <i>Acta Neuropathologica</i> , 2014, 128, 81-98.	7.7	37
15	Distinct neurological disorders with ATP1A3 mutations. <i>Lancet Neurology</i> , The, 2014, 13, 503-514.	10.2	206
16	Paradoxical activation of the sodium chloride cotransporter (NCC) without hypertension in kidney deficient in a regulatory subunit of Na,K-ATPase, FXYD2. <i>Physiological Reports</i> , 2014, 2, e12226.	1.7	8
17	Oxidative inhibition of the vascular Na ⁺ -K ⁺ pump via NADPH oxidase-dependent β 1-subunit glutathionylation: Implications for angiotensin II-induced vascular dysfunction. <i>Free Radical Biology and Medicine</i> , 2013, 65, 563-572.	2.9	31
18	Hyperplasia of Pancreatic Beta Cells and Improved Glucose Tolerance in Mice Deficient in the FXYD2 Subunit of Na,K-ATPase. <i>Journal of Biological Chemistry</i> , 2013, 288, 7077-7085.	3.4	28

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19	FXYP Proteins Reverse Inhibition of the Na ⁺ -K ⁺ Pump Mediated by Glutathionylation of Its β 1 Subunit. <i>Journal of Biological Chemistry</i> , 2011, 286, 18562-18572.	3.4	79
20	Hypertrophy, increased ejection fraction, and reduced Na-K-ATPase activity in phospholemman-deficient mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1982-H1988.	3.2	66
21	Na,K-ATPase from Mice Lacking the β Subunit (FXYP2) Exhibits Altered Na ⁺ Affinity and Decreased Thermal Stability. <i>Journal of Biological Chemistry</i> , 2005, 280, 19003-19011.	3.4	77
22	Mutations in the Na ⁺ /K ⁺ -ATPase β 3 Gene ATP1A3 Are Associated with Rapid-Onset Dystonia Parkinsonism. <i>Neuron</i> , 2004, 43, 169-175.	8.1	466
23	FXYP Proteins as Regulators of the Na,K-ATPase in the Kidney. <i>Annals of the New York Academy of Sciences</i> , 2003, 986, 382-387.	3.8	45
24	Phospholemman, a Single-Span Membrane Protein, Is an Accessory Protein of Na,K-ATPase in Cerebellum and Choroid Plexus. <i>Journal of Neuroscience</i> , 2003, 23, 2161-2169.	3.6	96
25	Phospholemman expression in extraglomerular mesangium and afferent arteriole of the juxtaglomerular apparatus. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F121-F129.	2.7	28
26	Distribution and oligomeric association of splice forms of Na ⁺ -K ⁺ -ATPase regulatory β 3-subunit in rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, F393-F407.	2.7	73
27	Predicted location and limited accessibility of protein kinase A phosphorylation site on Na-K-ATPase. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1017-C1026.	4.6	41
28	Structural similarities of Na,K-ATPase and SERCA, the Ca ²⁺ -ATPase of the sarcoplasmic reticulum. <i>Biochemical Journal</i> , 2001, 356, 685.	3.7	116
29	Structural similarities of Na,K-ATPase and SERCA, the Ca ²⁺ -ATPase of the sarcoplasmic reticulum. <i>Biochemical Journal</i> , 2001, 356, 685-704.	3.7	180
30	Oligodendrocytes in brain and optic nerve express the β 3 subunit isoform of Na,K-ATPase. <i>Glia</i> , 2000, 31, 206-218.	4.9	30
31	Carbachol inhibits Na ⁺ -K ⁺ -ATPase activity in choroid plexus via stimulation of the NO/cGMP pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 279, C1685-C1693.	4.6	72
32	Genomic Organization of the Human FXYP2 Gene Encoding the β 3 Subunit of the Na,K-ATPase. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 196-201.	2.1	44
33	The FXYP Gene Family of Small Ion Transport Regulators or Channels: cDNA Sequence, Protein Signature Sequence, and Expression. <i>Genomics</i> , 2000, 68, 41-56.	2.9	382
34	Cellular and Subcellular Specification of Na,K-ATPase β 1 and β 2 Isoforms in the Postnatal Development of Mouse Retina. <i>Journal of Neuroscience</i> , 1999, 19, 9878-9889.	3.6	101
35	Rat skeletal muscle in culture expresses the β 1 but not the β 2 protein subunit isoform of the Na ⁺ /K ⁺ pump. <i>Journal of Cellular Physiology</i> , 1999, 180, 236-244.	4.1	25
36	Phosphorylation of Na,K-ATPase by Protein Kinases. <i>Annals of the New York Academy of Sciences</i> , 1997, 834, 479-488.	3.8	29

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37	Epitope and mimotope for an antibody to the Na, K-ATPase. <i>Protein Science</i> , 1997, 6, 1537-1548.	7.6	18
38	Constraints on Models for the Folding of the Na,K-ATPase. <i>Annals of the New York Academy of Sciences</i> , 1992, 671, 217-227.	3.8	20
39	Multiple tubulin forms are expressed by a single neurone. <i>Nature</i> , 1981, 294, 477-480.	27.8	142