John A Payne

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12094205/publications.pdf

Version: 2024-02-01

28 papers	6,341 citations	361413 20 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	3875 citing authors

#	Article	IF	Citations
1	Enhanced expression of potassium-chloride cotransporter KCC2 in human temporal lobe epilepsy. Brain Structure and Function, 2016, 221, 3601-3615.	2.3	32
2	Comment on â€œLocal impermeant anions establish the neuronal chloride concentrationâ€• Science, 2014, 345, 1130-1130.	12.6	27
3	Cation-chloride cotransporters in neuronal development, plasticity and disease. Nature Reviews Neuroscience, 2014, 15, 637-654.	10.2	589
4	Effects of essential amino acid deficiency: downâ€•regulation of <scp>KCC</scp>2 and the <scp>GABA_A</scp> receptor; disinhibition in the anterior piriform cortex. Journal of Neurochemistry, 2013, 127, 520-530.	3.9	4
5	K⁺-Cl^{â^'} cotransporter-2 KCC2 in chicken cardiomyocytes. American Journal of Physiology - Cell Physiology, 2012, 303, C1180-C1191.	4.6	21
6	Molecular Operation of the Cation Chloride Cotransporters. Current Topics in Membranes, 2012, 70, 215-237.	0.9	33
7	The Potassium-Chloride Cotransporters. , 2010, , 333-356.		3
8	Segmental expression of H,Kâ€ATPaseâ€Î±2, KCC3, KCC4, and DRA in mouse distal colon is upregulated by dietary Na + restriction. FASEB Journal, 2010, 24, 1014.5.	0.5	0
9	Direct Protein Kinase C-dependent Phosphorylation Regulates the Cell Surface Stability and Activity of the Potassium Chloride Cotransporter KCC2. Journal of Biological Chemistry, 2007, 282, 29777-29784.	3.4	272
10	Involvement of direct phosphorylation in the regulation of the neuronal Kâ€Cl cotransporter KCC2. FASEB Journal, 2007, 21, A531.	0.5	1
11	Characterization of antibodies recognizing a putative extracellular epitope of the neuronal Kâ€Cl cotransporter, KCC2. FASEB Journal, 2007, 21, A532.	0.5	0
12	Expression of the basolateral Naâ€“Kâ€“Cl cotransporter during mouse nephrogenesis and embryonic development. Gene Expression Patterns, 2006, 6, 1000-1006.	0.8	9
13	Mechanism of Activity-Dependent Downregulation of the Neuron-Specific K-Cl Cotransporter KCC2. Journal of Neuroscience, 2004, 24, 4683-4691.	3.6	446
14	Cation transport by the neuronal K+-Clâ^'cotransporter KCC2: thermodynamics and kinetics of alternate transport modes. American Journal of Physiology - Cell Physiology, 2004, 287, C919-C931.	4.6	52
15	Inflammation alters cation chloride cotransporter expression in sensory neurons. Neurobiology of Disease, 2004, 17, 62-69.	4.4	66
16	Cationâ€“chloride co-transporters in neuronal communication, development and trauma. Trends in Neurosciences, 2003, 26, 199-206.	8.6	739
17	Endogenous and exogenous Na-K-Cl cotransporter expression in a low K-resistant mutant MDCK cell line. American Journal of Physiology - Cell Physiology, 2001, 280, C1607-C1615.	4.6	11
18	Protection of ischemic myocardium in diabetics by inhibition of electroneutral Na+-K+-2Clâ^' cotransporter. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H515-H522.	3.2	17

#	Article	IF	Citations
19	Localization and Developmental Expression Patterns of the Neuronal Kâ€“Cl Cotransporter (KCC2) in the Rat Retina. Journal of Neuroscience, 2000, 20, 1414-1423.	3.6	113
20	Evidence That Different Cation Chloride Cotransporters in Retinal Neurons Allow Opposite Responses to GABA. Journal of Neuroscience, 2000, 20, 7657-7663.	3.6	171
21	The Neuron-specific K-Cl Cotransporter, KCC2. Journal of Biological Chemistry, 1999, 274, 12656-12664.	3.4	210
22	The K+/Clâ' co-transporter KCC2 renders GABA hyperpolarizing during neuronal maturation. Nature, 1999, 397, 251-255.	27.8	1,892
23	Comparison of Na-K-Cl Cotransporters. Journal of Biological Chemistry, 1998, 273, 11295-11301.	3.4	118
24	Functional characterization of the neuronal-specific K-Cl cotransporter: implications for [K⁺]_oregulation. American Journal of Physiology - Cell Physiology, 1997, 273, C1516-C1525.	4.6	356
25	Molecular Characterization of a Putative K-Cl Cotransporter in Rat Brain. Journal of Biological Chemistry, 1996, 271, 16245-16252.	3.4	479
26	Molecular Cloning and Functional Expression of the K-Cl Cotransporter from Rabbit, Rat, and Human. Journal of Biological Chemistry, 1996, 271, 16237-16244.	3.4	339
27	Primary Structure, Functional Expression, and Chromosomal Localization of the Bumetanide-sensitive Na-K-Cl Cotransporter in Human Colon. Journal of Biological Chemistry, 1995, 270, 17977-17985.	3.4	229
28	Molecular characterization of the epithelial Naî—¸Kî—¸Cl cotransporter isoforms. Current Opinion in Cell Biology, 1995, 7, 493-503.	5.4	112