Matti Sakari Airaksinen

List of Publications by Year
in descending order

22	2,620	361296 20	677027 22
papers	citations	h-index	g-index

23	23	23	2884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cation-Chloride Cotransporters and Neuronal Function. Neuron, 2009, 61, 820-838.	3.8	708
2	KCC2 Interacts with the Dendritic Cytoskeleton to Promote Spine Development. Neuron, 2007, 56, 1019-1033.	3.8	280
3	Retarded Growth and Deficits in the Enteric and Parasympathetic Nervous System in Mice Lacking GFRÎ±2, a Functional Neurturin Receptor. Neuron, 1999, 22, 243-252.	3.8	256
4	The histaminergic system in the guinea pig central nervous system: An immunocytochemical mapping study using an antiserum against histamine. Journal of Comparative Neurology, 1988, 273, 163-186.	0.9	205
5	A Novel N-terminal Isoform of the Neuron-specific K-Cl Cotransporter KCC2. Journal of Biological Chemistry, 2007, 282, 30570-30576.	1.6	129
6	Multiple neurotransmitters in the tuberomammillary nucleus: Comparison of rat, mouse, and guinea pig. Journal of Comparative Neurology, 1992, 323, 103-116.	0.9	118
7	GDNF family ligands and receptors are differentially regulated after brain insults in the rat. European Journal of Neuroscience, 1999, 11, 1202-1216.	1.2	102
8	Visceral motor neuron diversity delineates a cellular basis for nipple- and pilo-erection muscle control. Nature Neuroscience, 2016, 19, 1331-1340.	7.1	91
9	Kainate Receptors Coexist in a Functional Complex with KCC2 and Regulate Chloride Homeostasis in Hippocampal Neurons. Cell Reports, 2014, 7, 1762-1770.	2.9	87
10	Histaminergic system in the tree shrew brain. Journal of Comparative Neurology, 1989, 286, 289-310.	0.9	80
11	Evolution of the GDNF Family Ligands and Receptors. Brain, Behavior and Evolution, 2006, 68, 181-190.	0.9	80
12	Coexpression and Heteromerization of Two Neuronal K-Cl Cotransporter Isoforms in Neonatal Brain. Journal of Biological Chemistry, 2009, 284, 13696-13704.	1.6	75
13	Dual cholinergic signals regulate daily migration of hematopoietic stem cells and leukocytes. Blood, 2019, 133, 224-236.	0.6	69
14	LRRTM3 Regulates Excitatory Synapse Development through Alternative Splicing and Neurexin Binding. Cell Reports, 2016, 14, 808-822.	2.9	61
15	Distribution of neuronal KCC2a and KCC2b isoforms in mouse CNS. Journal of Comparative Neurology, 2014, 522, 1897-1914.	0.9	51
16	Neurotransmitters in the nervous system ofMacoma balthica (Bivalvia). Journal of Comparative Neurology, 1993, 334, 477-488.	0.9	46
17	Hyperpolarizing GABAergic Transmission Requires the KCC2 C-Terminal ISO Domain. Journal of Neuroscience, 2012, 32, 8746-8751.	1.7	45
18	Comparative neuroanatomy of the histaminergic system in the brain of the frogxenopus laevis. Journal of Comparative Neurology, 1990, 292, 412-423.	0.9	44

#	Article	IF	Citations
19	A kainate receptor subunit promotes the recycling of the neuron-specific K+-Clâ^' co-transporter KCC2 in hippocampal neurons. Journal of Biological Chemistry, 2017, 292, 6190-6201.	1.6	30
20	Implications of the N-terminal heterogeneity for the neuronal K-Cl cotransporter KCC2 function. Brain Research, 2017, 1675, 87-101.	1.1	24
21	Dissection of progenitor compartments resolves developmental trajectories in B-lymphopoiesis. Journal of Experimental Medicine, 2018, 215, 1947-1963.	4.2	20
22	Role of the K+-Clâ€“ Cotransporter KCC2a Isoform in Mammalian Respiration at Birth. ENeuro, 2018, 5, ENEURO.0264-18.2018.	0.9	19