Anna-Maria Hartmann

List of Publications by Year
in descending order

12	324	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural changes in the extracellular loop 2 of the murine KCC2 potassium chloride cotransporter modulate ion transport. Journal of Biological Chemistry, 2021, 296, 100793.	3.4	5
2	Staurosporine and NEM mainly impair WNK-SPAK/OSR1 mediated phosphorylation of KCC2 and NKCC1. PLoS ONE, 2020, 15, e0232967.	2.5	14
3	Phosphoregulation of the intracellular termini of K+-Clâ˜ cotransporter 2 (KCC2) enables flexible control of its activity. Journal of Biological Chemistry, 2018, 293, 16984-16993.	3.4	22
4	Molecular cloning and biochemical characterization of two cation chloride cotransporter subfamily members of Hydra vulgaris. PLoS ONE, 2017, 12, e0179968.	2.5	9
5	A Novel Regulatory Locus of Phosphorylation in the C Terminus of the Potassium Chloride Cotransporter KCC2 That Interferes with N-Ethylmaleimide or Staurosporine-mediated Activation*â™¦. Journal of Biological Chemistry, 2014, 289, 18668-18679.	3.4	56
6	Evolution of the Cation Chloride Cotransporter Family: Ancient Origins, Gene Losses, and Subfunctionalization through Duplication. Molecular Biology and Evolution, 2014, 31, 434-447.	8.9	54
7	Molecular and evolutionary insights into the structural organization of cation chloride cotransporters. Frontiers in Cellular Neuroscience, 2014, 8, 470.	3.7	43
8	KCC2 transport activity requires the highly conserved L675 in the C-terminal Î²1 strand. Biochemical and Biophysical Research Communications, 2012, 420, 492-497.	2.1	3
9	Opposite temperature effect on transport activity of KCC2/KCC4 and N(K)CCs in HEK-293 cells. BMC Research Notes, 2011, 4, 526.	1.4	11
10	Differences in the Large Extracellular Loop between the K+-Clâ˜ Cotransporters KCC2 and KCC4. Journal of Biological Chemistry, 2010, 285, 23994-24002.	3.4	36
11	Opposite effect of membrane raft perturbation on transport activity of KCC2 and NKCC1. Journal of Neurochemistry, 2009, 111, 321-331.	3.9	41
12	CIP1 is an activator of the K+â€“Clâ˜ cotransporter KCC2. Biochemical and Biophysical Research Communications, 2009, 381, 388-392.	2.1	30