

# Anna-Maria Hartmann

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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* <sup>†</sup> . Journal of Biological Chemistry, 2014, 289, 18668-18679.	3.4	56
2	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
3	Molecular and evolutionary insights into the structural organization of cation chloride cotransporters. Frontiers in Cellular Neuroscience, 2014, 8, 470.	3.7	43
4	Opposite effect of membrane raft perturbation on transport activity of KCC2 and NKCC1. Journal of Neurochemistry, 2009, 111, 321-331.	3.9	41
5	Differences in the Large Extracellular Loop between the K <sup>+</sup> -Cl <sup>-</sup> Cotransporters KCC2 and KCC4. Journal of Biological Chemistry, 2010, 285, 23994-24002.	3.4	36
6	CIP1 is an activator of the K <sup>+</sup> -Cl <sup>-</sup> cotransporter KCC2. Biochemical and Biophysical Research Communications, 2009, 381, 388-392.	2.1	30
7	Phosphoregulation of the intracellular termini of K <sup>+</sup> -Cl <sup>-</sup> cotransporter 2 (KCC2) enables flexible control of its activity. Journal of Biological Chemistry, 2018, 293, 16984-16993.	3.4	22
8	Staurosporine and NEM mainly impair WNK-SPAK/OSR1 mediated phosphorylation of KCC2 and NKCC1. PLoS ONE, 2020, 15, e0232967.	2.5	14
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	Molecular cloning and biochemical characterization of two cation chloride cotransporter subfamily members of Hydra vulgaris. PLoS ONE, 2017, 12, e0179968.	2.5	9
11	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
12	KCC2 transport activity requires the highly conserved L675 in the C-terminal <sup>†</sup> 1 strand. Biochemical and Biophysical Research Communications, 2012, 420, 492-497.	2.1	3