Emmanuelle Cordat

List of Publications by Year
in descending order

31	840	516710 16	477307 29
papers	citations	h-index	g-index

32	32	32	869
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Boosting endoplasmic reticulum folding capacity reduces unfolded protein response activation and intracellular accumulation of human kidney anion exchanger 1 in Saccharomyces cerevisiae. Yeast, 2021, 38, 521-534.	1.7	1
2	Claudin-2 and claudin-12 form independent, complementary pores required to maintain calcium homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
3	Human red blood cell uptake and sequestration of arsenite and selenite: Evidence of seleno-bis(S-glutathionyl) arsinium ion formation in human cells. Biochemical Pharmacology, 2020, 180, 114141.	4.4	7
4	Claudin-12 Knockout Mice Demonstrate Reduced Proximal Tubule Calcium Permeability. International Journal of Molecular Sciences, 2020, 21, 2074.	4.1	31
5	SLC26A7 protein is a chloride/bicarbonate exchanger and its abundance is osmolarity- and pH-dependent in renal epithelial cells. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183238.	2.6	2
6	Saccharomyces cerevisiae: First Steps to a Suitable Model System To Study the Function and Intracellular Transport of Human Kidney Anion Exchanger 1. MSphere, 2020, 5, .	2.9	4
7	The novel p.Ser263Phe mutation in the human highâ€affinity choline transporter 1 (CHT1/ SLC5A7) causes a lethal form of fetal akinesia syndrome. Human Mutation, 2019, 40, 1676-1683.	2.5	14
8	The kidney anion exchanger 1 affects tight junction properties via claudin-4. Scientific Reports, 2019, 9, 3099.	3.3	10
9	Renal collecting duct physiology and pathophysiology. Biochemistry and Cell Biology, 2019, 97, 234-242.	2.0	7
10	Intercalated Cell Depletion and Vacuolar H+-ATPase Mistargeting in an Ae1 R607H Knockin Model. Journal of the American Society of Nephrology: JASN, 2017, 28, 1507-1520.	6.1	36
11	Adaptor protein 1 B mu subunit does not contribute to the recycling of kAE1 protein in polarized renal epithelial cells. Molecular Membrane Biology, 2017, 34, 50-64.	2.0	1
12	Deficiency of Carbonic Anhydrase II Results in a Urinary Concentrating Defect. Frontiers in Physiology, 2017, 8, 1108.	2.8	14
13	The carboxyl-terminally truncated kidney anion exchanger 1 R901X dRTA mutant is unstable at the plasma membrane. American Journal of Physiology - Cell Physiology, 2016, 310, C764-C772.	4.6	5
14	Mia40 is a trans-site receptor that drives protein import into the mitochondrial intermembrane space by hydrophobic substrate binding. ELife, 2016, 5, .	6.0	60
15	Endocytosis of Cytotoxic Granules Is Essential for Multiple Killing of Target Cells by T Lymphocytes. Journal of Immunology, 2016, 197, 2473-2484.	0.8	28
16	Setting up an Academic Research Laboratory in Canada in 2015. Canadian Journal of Kidney Health and Disease, 2015, 2, 86.	1.1	2
17	Carbonic anhydrase II binds to and increases the activity of the epithelial sodium-proton exchanger, NHE3. American Journal of Physiology - Renal Physiology, 2015, 309, F383-F392.	2.7	36
18	Recycling of The Kidney Anion Exchanger 1 Is Regulated by Adaptor Protein Complex 1B. FASEB Journal, 2015, 29, LB628.	0.5	1

#	Article	IF	Citations
19	Structure, Function, and Trafficking of SLC4 and SLC26 Anion Transporters. Current Topics in Membranes, 2014, 73, 1-67.	0.9	48
20	Degradation mechanism of a Golgi-retained distal renal tubular acidosis mutant of the kidney anion exchanger 1 in renal cells. American Journal of Physiology - Cell Physiology, 2014, 307, C296-C307.	4.6	12
21	Functional Rescue of a Kidney Anion Exchanger 1 Trafficking Mutant in Renal Epithelial Cells. PLoS ONE, 2013, 8, e57062.	2.5	12
22	Adaptor protein 1 complexes regulate intracellular trafficking of the kidney anion exchanger 1 in epithelial cells. American Journal of Physiology - Cell Physiology, 2012, 303, C554-C566.	4.6	17
23	Restoring the trafficking of pathological mutants of the kidney anion exchanger 1. FASEB Journal, 2012, 26, lb815.	0.5	0
24	Band 3 Edmonton I, a novel mutant of the anion exchanger 1 causing spherocytosis and distal renal tubular acidosis. Biochemical Journal, 2010, 426, 379-388.	3.7	41
25	Bicarbonate transport in cell physiology and disease. Biochemical Journal, 2009, 417, 423-439.	3.7	142
26	Unraveling trafficking of the kidney anion exchanger 1 in polarized MDCK epithelial cellsThis paper is one of a selection of papers published in this Special Issue, entitled CSBMCB â€" Membrane Proteins in Health and Disease.. Biochemistry and Cell Biology, 2006, 84, 949-959.	2.0	24
27	Dominant and Recessive Distal Renal Tubular Acidosis Mutations of Kidney Anion Exchanger 1 Induce Distinct Trafficking Defects in MDCK Cells. Traffic, 2006, 7, 117-128.	2.7	81
28	Expression and interaction of two compound heterozygous distal renal tubular acidosis mutants of kidney anion exchanger 1 in epithelial cells. American Journal of Physiology - Renal Physiology, 2006, 291, F1354-F1361.	2.7	23
29	Trafficking Defects of a Novel Autosomal Recessive Distal Renal Tubular Acidosis Mutant (S773P) of the Human Kidney Anion Exchanger (kAE1). Journal of Biological Chemistry, 2004, 279, 40960-40971.	3.4	54
30	Carboxyl-Terminal Truncations of Human Anion Exchanger Impair its Trafficking to the Plasma Membrane. Traffic, 2003, 4, 642-651.	2.7	37
31	Impaired trafficking of human kidney anion exchanger (kAE1) caused by hetero-oligomer formation with a truncated mutant associated with distal renal tubular acidosis. Biochemical Journal, 2002, 368, 895-903.	3.7	62