Susanne Milatz

List of Publications by Year
in descending order

21 papers	1,561 citations	516710 16 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1661 citing authors

#	Article	IF	Citations
1	Claudin-10a Deficiency Shifts Proximal Tubular Cl- Permeability to Cation Selectivity via Claudin-2 Redistribution. Journal of the American Society of Nephrology: JASN, 2022, 33, 699-717.	6.1	20
2	A Novel Claudinopathy Based on Claudin-10 Mutations. International Journal of Molecular Sciences, 2019, 20, 5396.	4.1	25
3	Diuretic state affects ascending thin limb tight junctions. American Journal of Physiology - Renal Physiology, 2018, 314, F190-F195.	2.7	5
4	Transcription factor HNF1Î² regulates expression of the calcium-sensing receptor in the thick ascending limb of the kidney. American Journal of Physiology - Renal Physiology, 2018, 315, F27-F35.	2.7	18
5	ILDR1 is important for paracellular water transport and urine concentration mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5271-5276.	7.1	30
6	Heterogeneity of tight junctions in the thick ascending limb. Annals of the New York Academy of Sciences, 2017, 1405, 5-15.	3.8	11
7	Tight junction strand formation by claudinâ€10 isoforms and claudinâ€10a/â€10b chimeras. Annals of the New York Academy of Sciences, 2017, 1405, 102-115.	3.8	33
8	One gene, two paracellular ion channelsâ€"claudin-10 in the kidney. Pflugers Archiv European Journal of Physiology, 2017, 469, 115-121.	2.8	26
9	Mosaic expression of claudins in thick ascending limbs of Henle results in spatial separation of paracellular Na ⁺ and Mg ²⁺ transport. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E219-E227.	7.1	84
10	A Novel Hypokalemic-Alkalotic Salt-Losing Tubulopathy in Patients with CLDN10 Mutations. Journal of the American Society of Nephrology: JASN, 2017, 28, 3118-3128.	6.1	52
11	Altered paracellular cation permeability due to a rare CLDN10B variant causes anhidrosis and kidney damage. PLoS Genetics, 2017, 13, e1006897.	3.5	50
12	Corticomedullary difference in the effects of dietary Ca2+ on tight junction properties in thick ascending limbs of Henleâ€™s loop. Pflugers Archiv European Journal of Physiology, 2016, 468, 293-303.	2.8	39
13	Probing the <i>cis</i>-arrangement of prototype tight junction proteins claudin-1 and claudin-3. Biochemical Journal, 2015, 468, 449-458.	3.7	37
14	In tight junctions, claudins regulate the interactions between occludin, tricellulin and marvelD3, which, inversely, modulate claudin oligomerization. Journal of Cell Science, 2013, 126, 554-564.	2.0	145
15	Claudin-2, a component of the tight junction, forms a paracellular water channel. Journal of Cell Science, 2010, 123, 1913-1921.	2.0	345
16	Claudin-3 acts as a sealing component of the tight junction for ions of either charge and uncharged solutes. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 2048-2057.	2.6	193
17	Tricellulin Forms a Barrier to Macromolecules in Tricellular Tight Junctions without Affecting Ion Permeability. Molecular Biology of the Cell, 2009, 20, 3713-3724.	2.1	288
18	Claudin Function in the Thick Ascending Limb of Henle's Loop. Annals of the New York Academy of Sciences, 2009, 1165, 152-162.	3.8	24

#	Article	IF	Citations
19	Tight Junction Proteins as Channel Formers and Barrier Builders. Annals of the New York Academy of Sciences, 2009, 1165, 211-219.	3.8	48
20	Na+ absorption defends from paracellular back-leakage by claudin-8 upregulation. Biochemical and Biophysical Research Communications, 2009, 378, 45-50.	2.1	87
21	The tight junction protein claudinâ€2 forms a paracellular water channel. FASEB Journal, 2009, 23, 796.5.	0.5	1