Franziska Theilig

List of Publications by Year in descending order

38 papers	2,062 citations	257450 24 h-index	330143 37 g-index
38 all docs	38 docs citations	38 times ranked	2825 citing authors

#	Article	IF	Citations
1	Tubular Overexpression of Transforming Growth Factor-Î²1 Induces Autophagy and Fibrosis but Not Mesenchymal Transition of Renal Epithelial Cells. American Journal of Pathology, 2010, 177, 632-643.	3.8	254
2	Impairment of tubuloglomerular feedback regulation of GFR in ecto-5â€²-nucleotidase/CD73â€“deficient mice. Journal of Clinical Investigation, 2004, 114, 634-642.	8.2	167
3	Intrarenal Renin Angiotensin System Revisited. Journal of Biological Chemistry, 2010, 285, 41935-41946.	3.4	128
4	Identification of a Novel A-kinase Anchoring Protein 18 Isoform and Evidence for Its Role in the Vasopressin-induced Aquaporin-2 Shuttle in Renal Principal Cells. Journal of Biological Chemistry, 2004, 279, 26654-26665.	3.4	125
5	Key enzymes for renal prostaglandin synthesis: site-specific expression in rodent kidney (rat, mouse). American Journal of Physiology - Renal Physiology, 2003, 285, F19-F32.	2.7	116
6	Effects of Increased Renal Tubular Vascular Endothelial Growth Factor (VEGF) on Fibrosis, Cyst Formation, and Glomerular Disease. American Journal of Pathology, 2009, 175, 1883-1895.	3.8	96
7	Abrogation of Protein Uptake through Megalin-Deficient Proximal Tubules Does Not Safeguard against Tubulointerstitial Injury. Journal of the American Society of Nephrology: JASN, 2007, 18, 1824-1834.	6.1	87
8	ANP-induced signaling cascade and its implications in renal pathophysiology. American Journal of Physiology - Renal Physiology, 2015, 308, F1047-F1055.	2.7	81
9	mTOR Regulates Endocytosis and Nutrient Transport in Proximal Tubular Cells. Journal of the American Society of Nephrology: JASN, 2017, 28, 230-241.	6.1	79
10	Mutation of megalin leads to urinary loss of selenoprotein P and selenium deficiency in serum, liver, kidneys and brain. Biochemical Journal, 2010, 431, 103-111.	3.7	70
11	Macula Densa Control of Renin Secretion and Preglomerular Resistance in Mice with Selective Deletion of the B Isoform of the Na,K,2Cl Co-Transporter. Journal of the American Society of Nephrology: JASN, 2006, 17, 2143-2152.	6.1	68
12	Cellular Distribution and Function of Soluble Guanylyl Cyclase in Rat Kidney and Liver. Journal of the American Society of Nephrology: JASN, 2001, 12, 2209-2220.	6.1	67
13	Decreased renal corin expression contributes to sodium retention in proteinuric kidney diseases. Kidney International, 2010, 78, 650-659.	5.2	66
14	Intravital Imaging Reveals Angiotensin IIâ€“Induced Transcytosis of Albumin by Podocytes. Journal of the American Society of Nephrology: JASN, 2016, 27, 731-744.	6.1	63
15	Lack of Endothelial Nitric Oxide Synthase Promotes Endothelin-Induced Hypertension. Journal of the American Society of Nephrology: JASN, 2007, 18, 730-740.	6.1	61
16	Acute endotoxemia in mice induces downregulation of megalin and cubilin in the kidney. Kidney International, 2012, 82, 53-59.	5.2	50
17	SORLA/SORL1 Functionally Interacts with SPAK To Control Renal Activation of Na⁺-K⁺-Cl^{â^'} Cotransporter 2. Molecular and Cellular Biology, 2010, 30, 3027-3037.	2.3	44
18	Connexin 37 is localized in renal epithelia and responds to changes in dietary salt intake. American Journal of Physiology - Renal Physiology, 2010, 298, F216-F223.	2.7	39

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19	The sodium chloride cotransporter (NCC) and epithelial sodium channel (ENaC) associate. Biochemical Journal, 2016, 473, 3237-3252.	3.7	37
20	Diabetic Endothelin B Receptorâ€“Deficient Rats Develop Severe Hypertension and Progressive Renal Failure. Journal of the American Society of Nephrology: JASN, 2006, 17, 1082-1089.	6.1	34
21	Spread of glomerular to tubulointerstitial disease with a focus on proteinuria. Annals of Anatomy, 2010, 192, 125-132.	1.9	34
22	Effects of receptor-mediated endocytosis and tubular protein composition on volume retention in experimental glomerulonephritis. American Journal of Physiology - Renal Physiology, 2009, 296, F902-F911.	2.7	33
23	Cathepsin B increases ENaC activity leading to hypertension early in nephrotic syndrome. Journal of Cellular and Molecular Medicine, 2019, 23, 6543-6553.	3.6	29
24	Epithelial COX-2 Expression Is Not Regulated By Nitric Oxide in Rodent Renal Cortex. Hypertension, 2002, 39, 848-853.	2.7	25
25	Albumin evokes Ca2+-induced cell oxidative stress and apoptosis through TRPM2 channel in renal collecting duct cells reduced by curcumin. Scientific Reports, 2019, 9, 12403.	3.3	23
26	Indolent course of tubulointerstitial disease in a mouse model of subpressor, low-dose nitric oxide synthase inhibition. American Journal of Physiology - Renal Physiology, 2008, 295, F717-F725.	2.7	22
27	Mechanisms of tubular volume retention in immune-mediated glomerulonephritis. Kidney International, 2009, 75, 699-710.	5.2	22
28	Tubular Deficiency of von Hippel-Lindau Attenuates Renal Disease Progression in Anti-GBM Glomerulonephritis. American Journal of Pathology, 2011, 179, 2177-2188.	3.8	22
29	Aldosterone Modulates the Association between NCC and ENaC. Scientific Reports, 2017, 7, 4149.	3.3	21
30	Localization of the iron-regulatory proteins hemojuvelin and transferrin receptor 2 to the basolateral membrane domain of hepatocytes. Histochemistry and Cell Biology, 2007, 127, 221-226.	1.7	18
31	Dense-core vesicle proteins IA-2 and IA-2Î² affect renin synthesis and secretion through the Î²-adrenergic pathway. American Journal of Physiology - Renal Physiology, 2009, 296, F382-F389.	2.7	17
32	Short-Term Functional Adaptation of Aquaporin-1 Surface Expression in the Proximal Tubule, a Component of Glomerulotubular Balance. Journal of the American Society of Nephrology: JASN, 2015, 26, 1269-1278.	6.1	17
33	Reporter gene recombination in juxtaglomerular granular and collecting duct cells by human renin promoter-Cre recombinase transgene. Physiological Genomics, 2006, 25, 277-285.	2.3	15
34	Cellular Localization of THIK-1 (K_{2P}13.1) and THIK-2 (K_{2P}12.1) K⁺ Channels in the Mammalian Kidney. Cellular Physiology and Biochemistry, 2008, 21, 063-074.	1.6	14
35	Physiological and Molecular Responses to Altered Sodium Intake in Rat Pregnancy. Journal of the American Heart Association, 2018, 7, e008363.	3.7	7
36	A Founder Mutation in EHD1 Presents with Tubular Proteinuria and Deafness. Journal of the American Society of Nephrology: JASN, 2022, 33, 732-745.	6.1	7

#	Article	IF	Citations
37	Behind every smile there's teeth: Cathepsin B's function in health and disease with a kidney view. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119190.	4.1	4
38	TRANSGENIC MICE EXPRESSING CRE RECOMBINASE UNDER THE CONTROL OF THE HUMAN RENIN PROMOTER. FASEB Journal, 2006, 20, A344.	0.5	0