Per Svenningsen

List of Publications by Year
in descending order

53 papers	1,375 citations	304368 22 h-index	360668 35 g-index
54 all docs	54 docs citations	54 times ranked	1283 citing authors

#	Article	IF	Citations
1	Plasmin in Nephrotic Urine Activates the Epithelial Sodium Channel. Journal of the American Society of Nephrology: JASN, 2009, 20, 299-310.	3.0	236
2	Prostasin-dependent activation of epithelial Na+ channels by low plasmin concentrations. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1733-R1741.	0.9	64
3	Diabetic nephropathy is associated with increased urine excretion of proteases plasmin, prostasin and urokinase and activation of amiloride-sensitive current in collecting duct cells. Nephrology Dialysis Transplantation, 2015, 30, 781-789.	0.4	63
4	Urinary extracellular vesicles: Origin, role as intercellular messengers and biomarkers; efficient sorting and potential treatment options. Acta Physiologica, 2020, 228, e13346.	1.8	62
5	Urinary Plasmin Activates Collecting Duct ENaC Current in Preeclampsia. Hypertension, 2012, 60, 1346-1351.	1.3	59
6	Regulation of renin secretion by renal juxtaglomerular cells. Pflugers Archiv European Journal of Physiology, 2013, 465, 25-37.	1.3	57
7	Prostaglandin E2 EP2 and EP4 receptor activation mediates cAMP-dependent hyperpolarization and exocytosis of renin in juxtaglomerular cells. American Journal of Physiology - Renal Physiology, 2005, 289, F989-F997.	1.3	55
8	The Epithelial Sodium Channel Î³-Subunit Is Processed Proteolytically in Human Kidney. Journal of the American Society of Nephrology: JASN, 2015, 26, 95-106.	3.0	55
9	Urinary serine proteases and activation of ENaC in kidneyâ€"implications for physiological renal salt handling and hypertensive disorders with albuminuria. Pflugers Archiv European Journal of Physiology, 2015, 467, 531-542.	1.3	53
10	Plasmin in urine from patients with type 2 diabetes and treatment-resistant hypertension activates ENaC in vitro. Journal of Hypertension, 2014, 32, 1672-1677.	0.3	44
11	ATP Releasing Connexin 30 Hemichannels Mediate Flow-Induced Calcium Signaling in the Collecting Duct. Frontiers in Physiology, 2013, 4, 292.	1.3	43
12	Remission of nephrotic syndrome diminishes urinary plasmin content and abolishes activation of ENaC. Pediatric Nephrology, 2013, 28, 1227-1234.	0.9	42
13	Aberrant glomerular filtration of urokinase-type plasminogen activator in nephrotic syndrome leads to amiloride-sensitive plasminogen activation in urine. American Journal of Physiology - Renal Physiology, 2015, 309, F235-F241.	1.3	35
14	Physiology and pathophysiology of the plasminogen system in the kidney. Pflugers Archiv European Journal of Physiology, 2017, 469, 1415-1423.	1.3	34
15	T-type Ca2+ channels facilitate NO-formation, vasodilatation and NO-mediated modulation of blood pressure. Pflugers Archiv European Journal of Physiology, 2014, 466, 2205-2214.	1.3	30
16	Urokinaseâ€type plasminogen activator contributes to amilorideâ€sensitive sodium retention in nephrotic range glomerular proteinuria in mice. Acta Physiologica, 2019, 227, e13362.	1.8	30
17	Physiological regulation of epithelial sodium channel by proteolysis. Current Opinion in Nephrology and Hypertension, 2011, 20, 529-533.	1.0	28
18	Urine exosomes from healthy and hypertensive pregnancies display elevated level of Î±-subunit and cleaved Î±- and Î³-subunits of the epithelial sodium channelâ€"ENaC. Pflugers Archiv European Journal of Physiology, 2017, 469, 1107-1119.	1.3	28

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19	Expression of transcellular and paracellular calcium and magnesium transport proteins in renal and intestinal epithelia during lactation. American Journal of Physiology - Renal Physiology, 2017, 313, F629-F640.	1.3	28
20	Albuminuria in kidney transplant recipients is associated with increased urinary serine proteases and activation of the epithelial sodium channel. American Journal of Physiology - Renal Physiology, 2018, 315, F151-F160.	1.3	26
21	Mechanisms of sodium retention in nephrotic syndrome. Current Opinion in Nephrology and Hypertension, 2020, 29, 207-212.	1.0	25
22	Hypotonicity-Induced Renin Exocytosis from Juxtaglomerular Cells Requires Aquaporin-1 and Cyclooxygenase-2. Journal of the American Society of Nephrology: JASN, 2009, 20, 2154-2161.	3.0	22
23	Proteinuric diseases with sodium retention: is plasmin the link?. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 117-124.	0.9	22
24	In human nephrectomy specimens, the kidney level of tubular transport proteins does not correlate with their abundance in urinary extracellular vesicles. American Journal of Physiology - Renal Physiology, 2019, 317, F560-F571.	1.3	22
25	Adipocyte-Endothelium Crosstalk in Obesity. Frontiers in Endocrinology, 2021, 12, 681290.	1.5	22
26	TMEM16A is a Ca²⁺-activated Cl^{â^'}channel expressed in the renal collecting duct. Acta Physiologica, 2014, 212, 166-174.	1.8	18
27	Localization and regulation of claudin-14 in experimental models of hypercalcemia. American Journal of Physiology - Renal Physiology, 2021, 320, F74-F86.	1.3	17
28	An estimate of extracellular vesicle secretion rates of human blood cells. , 2022, 1, .		17
29	H⁺-ATPase B1 subunit localizes to thick ascending limb and distal convoluted tubule of rodent and human kidney. American Journal of Physiology - Renal Physiology, 2018, 315, F429-F444.	1.3	15
30	Dietary Na+ intake in healthy humans changes the urine extracellular vesicle prostasin abundance while the vesicle excretion rate, NCC, and ENaC are not altered. American Journal of Physiology - Renal Physiology, 2019, 317, F1612-F1622.	1.3	12
31	Plasminogen Deficiency and Amiloride Mitigate Angiotensin Iiâ€"Induced Hypertension in Type 1 Diabetic Mice Suggesting Effects Through the Epithelial Sodium Channel. Journal of the American Heart Association, 2020, 9, e016387.	1.6	12
32	The epithelial Na+ channel Î±- and Î³-subunits are cleaved at predicted furin-cleavage sites, glycosylated and membrane associated in human kidney. Pflugers Archiv European Journal of Physiology, 2019, 471, 1383-1396.	1.3	10
33	The acute blood pressureâ€lowering effect of amiloride is independent of endothelial ENaC and eNOS in humans and mice. Acta Physiologica, 2019, 225, e13189.	1.8	10
34	A new transgene mouse model using an extravesicular EGFP tag enables affinity isolation of cell-specific extracellular vesicles. Scientific Reports, 2022, 12, 496.	1.6	10
35	Proteinuria is accompanied by intratubular complement activation and apical membrane deposition of C3dg and C5b-9 in kidney transplant recipients. American Journal of Physiology - Renal Physiology, 2022, 322, F150-F163.	1.3	9
36	Albuminuria is associated with an increased prostasin in urine while aldosterone has no direct effect on urine and kidney tissue abundance of prostasin. Pflugers Archiv European Journal of Physiology, 2017, 469, 655-667.	1.3	8

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37	Renal claudin-14 expression is not required for regulating Mg²⁺ balance in mice. American Journal of Physiology - Renal Physiology, 2021, 320, F897-F907.	1.3	8
38	Aberrant neuronal differentiation is common in glioma but is associated neither with epileptic seizures nor with better survival. Scientific Reports, 2018, 8, 14965.	1.6	6
39	A bacterial display system for effective selection of protein-biotin ligase BirA variants with novel peptide specificity. Scientific Reports, 2019, 9, 4118.	1.6	6
40	Hydronephrosis is associated with elevated plasmin in urine in pediatric patients and rats and changes in NCC and Î³-ENaC abundance in rat kidney. American Journal of Physiology - Renal Physiology, 2018, 315, F547-F557.	1.3	5
41	Deficiency of T-type voltage-gated calcium channels results in attenuated weight gain and improved endothelium-dependent dilatation of resistance vessels induced by a high-fat diet in mice. Journal of Physiology and Biochemistry, 2020, 76, 135-145.	1.3	5
42	Detection of DZIP1L mutations by whole-exome sequencing in consanguineous families with polycystic kidney disease. Pediatric Nephrology, 2022, 37, 2657-2665.	0.9	5
43	Nephrotic syndrome is associated with increased plasma K⁺concentration, intestinal K⁺losses, and attenuated urinary K⁺excretion: a study in rats and humans. American Journal of Physiology - Renal Physiology, 2019, 317, F1549-F1562.	1.3	4
44	Sodium retention by uPAâ€plasminâ€ENaC in nephrotic syndromeâ€”Authors reply. Acta Physiologica, 2020, 228, e13432.	1.8	4
45	The mineralocorticoid receptor blocker spironolactone lowers plasma interferon-Î³ and interleukin-6 in patients with type 2 diabetes and treatment-resistant hypertension. Journal of Hypertension, 2022, 40, 153-162.	0.3	4
46	Nonâ€enzymatic function of prostasin and sodium balance. Acta Physiologica, 2021, 232, e13649.	1.8	2
47	Proteolytic activation of the epithelial sodium channel: role of proâ€protein convertases and prostasin. FASEB Journal, 2020, 34, 1-1.	0.2	1
48	Mineralocorticoid receptor blockade with spironolactone has no direct effect on plasma IL-17A and injury markers in urine from kidney transplant patients. American Journal of Physiology - Renal Physiology, 2022, 322, F138-F149.	1.3	1
49	Interleukin 17A infusion has no acute or long-term hypertensive action in conscious unrestrained male mice. Pflugers Archiv European Journal of Physiology, 2022, 474, 709-719.	1.3	1
50	SP709ELEVATED URINARY EXTRACELLULAR VESICLE EXCRETION IN PATIENTS WITH DELAYED GRAFT FUNCTION AFTER DECEASED KIDNEY TRANSPLANTATION. Nephrology Dialysis Transplantation, 2018, 33, i585-i585.	0.4	0
51	Bacterial Peptide Display for the Selection of Novel Biotinylating Enzymes. Journal of Visualized Experiments, 2019, , .	0.2	0
52	Development of a renal collecting duct homing peptide using phage display. FASEB Journal, 2011, 25, 665.19.	0.2	0
53	Sodium retention in the nephrotic syndrome and the non-enzymatic function of prostasin. Pflugers Archiv European Journal of Physiology, 2022, , 1.	1.3	0