Jeff M Sands

List of Publications by Year in Descending Order

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162 papers	4,858 citations	40 h-index	62 g-index
178 ext. papers	5,417 ext. citations	5.3 avg, IF	5.69 L-index

#	Paper	IF	Citations
162	The Health Status of Hispanic Agricultural Workers in Georgia and Florida.. *Journal of Immigrant and Minority Health*, **2022**, 1	2.2	0
161	COVID-19 and Agricultural Workers: A Descriptive Study. *Journal of Immigrant and Minority Health*, **2021**, 1	2.2	0
160	Adaptive physiological water conservation explains hypertension and muscle catabolism in experimental chronic renal failure. *Acta Physiologica*, **2021**, 232, e13629	5.6	8
159	Effects of Angiotensin II on Erythropoietin Production in the Kidney and Liver. *Molecules*, **2021**, 26,	4.8	2
158	Adrenomedullin Inhibits Osmotic Water Permeability in Rat Inner Medullary Collecting Ducts. *Cells*, **2020**, 9,	7.9	4
157	Inhibition of urea transporter ameliorates uremic cardiomyopathy in chronic kidney disease. *FASEB Journal*, **2020**, 34, 8296-8309	0.9	2
156	UT-A1/A3 knockout mice show reduced fibrosis following unilateral ureteral obstruction. *American Journal of Physiology - Renal Physiology*, **2020**, 318, F1160-F1166	4.3	0
155	Erythropoietin production by the kidney and the liver in response to severe hypoxia evaluated by Western blotting with deglycosylation. *Physiological Reports*, **2020**, 8, e14485	2.6	8
154	Ethical challenges in nephrology: a call for action. *Nature Reviews Nephrology*, **2020**, 16, 603-613	14.9	14
153	Aldosterone Decreases Vasopressin-Stimulated Water Reabsorption in Rat Inner Medullary Collecting Ducts. *Cells*, **2020**, 9,	7.9	2
152	Urea Transporters in Health and Disease. *Physiology in Health and Disease*, **2020**, 381-424	0.2	
151	Differentiation of endogenous erythropoietin and exogenous ESAs by Western blotting. *Heliyon*, **2020**, 6, e05389	3.6	1
150	Using the payback framework to evaluate the outcomes of pilot projects supported by the Georgia Clinical and Translational Science Alliance. *Journal of Clinical and Translational Science*, **2020**, 5, e48	0.4	2
149	High urea induces depression and LTP impairment through mTOR signalling suppression caused by carbamylation. *EBioMedicine*, **2019**, 48, 478-490	8.8	15
148	E3 ligase MDM2 mediates urea transporter-A1 ubiquitination under either constitutive or stimulatory conditions. *American Journal of Physiology - Renal Physiology*, **2019**, 317, F1331-F1341	4.3	1
147	Age-related decline in urine concentration may not be universal: Comparative study from the U.S. and two small-scale societies. *American Journal of Physical Anthropology*, **2019**, 168, 705-716	2.5	6
146	Inner Medullary Urea Transporters Contribute to Development of Renal Fibrosis in Mice With Unilateral Ureteral Obstruction. *FASEB Journal*, **2019**, 33, 575.9	0.9	

145	GDE5 inhibition accumulates intracellular glycerophosphocholine and suppresses adipogenesis at a mitotic clonal expansion stage. *American Journal of Physiology - Cell Physiology*, **2019**, 316, C162-C174	5.4	0
144	Glucagon infusion alters the hyperpolarized C-urea renal hemodynamic signature. *NMR in Biomedicine*, **2019**, 32, e4028	4.4	7
143	Lack of urea transporters, UT-A1 and UT-A3, increases nitric oxide accumulation to dampen medullary sodium reabsorption through ENaC. *American Journal of Physiology - Renal Physiology*, **2019**, 316, F539-F549	4.3	2
142	Ascending Vasa Recta Are Angiopoietin/Tie2-Dependent Lymphatic-Like Vessels. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 1097-1107	12.7	37
141	GRHL2 Is Required for Collecting Duct Epithelial Barrier Function and Renal Osmoregulation. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 857-868	12.7	13
140	Vasopressin in the Kidney Historical Aspects **2018**, 77-93		
139	Increased glucocorticoid hormone actions induce skin-specific Na+ and water loss in melanocortin 3 receptor knockout mice. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO2-4-26	0	
138	High salt intake reprioritizes osmolyte and energy metabolism for body fluid conservation. *Journal of Clinical Investigation*, **2017**, 127, 1944-1959	15.9	96
137	Identification of a Novel UT-B Urea Transporter in Human Urothelial Cancer. *Frontiers in Physiology*, **2017**, 8, 245	4.6	7
136	Physiological insights into novel therapies for nephrogenic diabetes insipidus. *American Journal of Physiology - Renal Physiology*, **2016**, 311, F1149-F1152	4.3	26
135	Urea transport and clinical potential of urearetics. *Current Opinion in Nephrology and Hypertension*, **2016**, 25, 444-51	3.5	18
134	Transgenic Restoration of Urea Transporter A1 Confers Maximal Urinary Concentration in the Absence of Urea Transporter A3. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 1448-55	12.7	13
133	Metformin improves urine concentration in rodents with nephrogenic diabetes insipidus. *JCI Insight* , **2016**, 1,	9.9	33
132	Imaging Renal Urea Handling in Rats at Millimeter Resolution using Hyperpolarized Magnetic Resonance Relaxometry. *Tomography*, **2016**, 2, 125-135	3.1	26
131	Urea transporters and sweat response to uremia. *Physiological Reports*, **2016**, 4, e12825	2.6	14
130	Phosphatase inhibition increases AQP2 accumulation in the rat IMCD apical plasma membrane. *American Journal of Physiology - Renal Physiology*, **2016**, 311, F1189-F1197	4.3	20
129	Metformin, an AMPK activator, stimulates the phosphorylation of aquaporin 2 and urea transporter A1 in inner medullary collecting ducts. *American Journal of Physiology - Renal Physiology*, **2016**, 310, F1008-12	4.3	34
128	Modulation of kidney urea transporter UT-A3 activity by alpha2,6-sialylation. *Pflugers Archiv European Journal of Physiology*, **2016**, 468, 1161-1170	4.6	3

127	Urea Transporter B and MicroRNA-200c Differ in Kidney Outer Versus Inner Medulla Following Dehydration. *American Journal of the Medical Sciences*, **2016**, 352, 296-301	2.2	5
126	Effect of Dapagliflozin Treatment on Fluid and Electrolyte Balance in Diabetic Rats. *American Journal of the Medical Sciences*, **2016**, 352, 517-523	2.2	20
125	Understanding renal physiology leads to therapeutic advances in renal disease. *Physiology*, **2015**, 30, 171-2	9.8	3
124	PKC-□contributes to high NaCl-induced activation of NFAT5 (TonEBP/OREBP) through MAPK ERK1/2. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F140-8	4.3	16
123	Vasopressin regulation of multisite phosphorylation of UT-A1 in the inner medullary collecting duct. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F49-55	4.3	7
122	Downregulation of urea transporter UT-A1 activity by 14-3-3 protein. *American Journal of Physiology - Renal Physiology*, **2015**, 309, F71-8	4.3	7
121	Activation of protein kinase C-□and Src kinase increases urea transporter A1 □2, 6 sialylation. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 926-34	12.7	9
120	Activation of protein kinase C□increases phosphorylation of the UT-A1 urea transporter at serine 494 in the inner medullary collecting duct. *American Journal of Physiology - Cell Physiology*, **2015**, 309, C608-15	5.4	5
119	Urea and Ammonia Metabolism and the Control of Renal Nitrogen Excretion. *Clinical Journal of the American Society of Nephrology: CJASN*, **2015**, 10, 1444-58	6.9	177
118	NSAIDs Alter Phosphorylated Forms of AQP2 in the Inner Medullary Tip. *PLoS ONE*, **2015**, 10, e0141714	3.7	12
117	Advances in understanding the urine-concentrating mechanism. *Annual Review of Physiology*, **2014**, 76, 387-409	23.1	66
116	Thienoquinolins exert diuresis by strongly inhibiting UT-A urea transporters. *American Journal of Physiology - Renal Physiology*, **2014**, 307, F1363-72	4.3	16
115	ENaC activity is increased in isolated, split-open cortical collecting ducts from protein kinase C□ knockout mice. *American Journal of Physiology - Renal Physiology*, **2014**, 306, F309-20	4.3	31
114	Genes and proteins of urea transporters. *Sub-Cellular Biochemistry*, **2014**, 73, 45-63	5.5	14
113	Small GTPase Rab14 down-regulates UT-A1 urea transport activity through enhanced clathrin-dependent endocytosis. *FASEB Journal*, **2013**, 27, 4100-7	0.9	13
112	Urea transporter inhibitors: en route to new diuretics. *Chemistry and Biology*, **2013**, 20, 1201-2		17
111	The Urine Concentrating Mechanism and Urea Transporters **2013**, 1463-1510		7
110	Urine concentration in the diabetic mouse requires both urea and water transporters. *American Journal of Physiology - Renal Physiology*, **2013**, 304, F103-11	4.3	11

109	The Physiology of Water Homeostasis **2013**, 1-28		
108	Role of protein kinase C-□in hypertonicity-stimulated urea permeability in mouse inner medullary collecting ducts. *American Journal of Physiology - Renal Physiology*, **2013**, 304, F233-8	4.3	21
107	Activation of the cAMP/PKA pathway induces UT-A1 urea transporter monoubiquitination and targets it for lysosomal degradation. *American Journal of Physiology - Renal Physiology*, **2013**, 305, F1775-82	4.3	13
106	Erlotinib preserves renal function and prevents salt retention in doxorubicin treated nephrotic rats. *PLoS ONE*, **2013**, 8, e54738	3.7	12
105	Increased UT-A1 ubiquitination is partially due to decreased deubiquitination activity in Streptozotocin-induced diabetic rat kidney inner medulla. *FASEB Journal*, **2013**, 27, 1111.4	0.9	
104	TRANSGENIC MICE EXPRESSING UT-A1, BUT LACKING UT-A3, HAVE INTACT URINE CONCENTRATING ABILITY. *FASEB Journal*, **2013**, 27, 1111.17	0.9	7
103	Urine concentrating and diluting ability during aging. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2012**, 67, 1352-7	6.4	42
102	Monitoring urea transport in rat kidney in vivo using hyperpolarized □□C magnetic resonance imaging. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F1658-62	4.3	39
101	Molecular mechanisms of urea transport in health and disease. *Pflugers Archiv European Journal of Physiology*, **2012**, 464, 561-72	4.6	38
100	Acute calcineurin inhibition with tacrolimus increases phosphorylated UT-A1. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F998-F1004	4.3	10
99	Forskolin stimulation promotes urea transporter UT-A1 ubiquitination, endocytosis, and degradation in MDCK cells. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F1325-32	4.3	10
98	Protein kinase C-□mediates hypertonicity-stimulated increase in urea transporter phosphorylation in the inner medullary collecting duct. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F1098-103	4.3	26
97	Protein abundance of urea transporters and aquaporin 2 change differently in nephrotic pair-fed vs. non-pair-fed rats. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F1545-53	4.3	10
96	Lack of protein kinase C-□leads to impaired urine concentrating ability and decreased aquaporin-2 in angiotensin II-induced hypertension. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F37-44	4.3	15
95	Urine Concentration and Dilution **2012**, 326-352		8
94	Role of PKC□in Hypertonicity-stimulated Urea Permeability. *FASEB Journal*, **2012**, 26, 885.12	0.9	
93	Rab14 GTPase downregulates urea transporter UT-A1 activity through enhanced clathrin-dependent endocytosis and protein degradation. *FASEB Journal*, **2012**, 26, 885.10	0.9	
92	The urea transporter UT-A1 is phosphorylated at serines 486 and 499 downstream of cyclic AMP production. *FASEB Journal*, **2012**, 26, 885.11	0.9	

91	Urea transport in the kidney. *Comprehensive Physiology*, **2011**, 1, 699-729	7.7	52
90	Mature N-linked glycans facilitate UT-A1 urea transporter lipid raft compartmentalization. *FASEB Journal*, **2011**, 25, 4531-9	0.9	34
89	Regulation of renal urea transport by vasopressin. *Transactions of the American Clinical and Climatological Association*, **2011**, 122, 82-92	0.9	22
88	Suppression subtractive hybridization analysis of low-protein diet- and vitamin D-induced gene expression from rat kidney inner medullary base. *Physiological Genomics*, **2010**, 41, 203-11	3.6	6
87	Expression of transporters involved in urine concentration recovers differently after cessation of lithium treatment. *American Journal of Physiology - Renal Physiology*, **2010**, 298, F601-8	4.3	25
86	Internalization of UT-A1 urea transporter is dynamin dependent and mediated by both caveolae- and clathrin-coated pit pathways. *American Journal of Physiology - Renal Physiology*, **2010**, 299, F1389-95	4.3	27
85	Functional characterization of the central hydrophilic linker region of the urea transporter UT-A1: cAMP activation and snapin binding. *American Journal of Physiology - Cell Physiology*, **2010**, 298, C1431-7	5.4	8
84	Phosphorylation of UT-A1 on serine 486 correlates with membrane accumulation and urea transport activity in both rat IMCDs and cultured cells. *American Journal of Physiology - Renal Physiology*, **2010**, 298, F935-40	4.3	25
83	Protein kinase C regulates urea permeability in the rat inner medullary collecting duct. *American Journal of Physiology - Renal Physiology*, **2010**, 299, F1401-6	4.3	28
82	Electrolytes in the aging. *Advances in Chronic Kidney Disease*, **2010**, 17, 308-19	4.7	64
81	The N-terminal 81-aa fragment is critical for UT-A1 urea transporter bioactivity. *Journal of Epithelial Biology & Pharmacology*, **2010**, 3, 34-39		5
80	Hypertonicity Increases Urea Permeability through PKC in Inner Medullary Collecting Ducts. *FASEB Journal*, **2010**, 24, 1024.20	0.9	
79	Caveolin-1 directly interacts with UT-A1 urea transporter: the role of caveolae/lipid rafts in UT-A1 regulation at the cell membrane. *American Journal of Physiology - Renal Physiology*, **2009**, 296, F1514-20	4.3	28
78	Urea and NaCl regulate UT-A1 urea transporter in opposing directions via TonEBP pathway during osmotic diuresis. *American Journal of Physiology - Renal Physiology*, **2009**, 296, F67-77	4.3	13
77	Epac regulates UT-A1 to increase urea transport in inner medullary collecting ducts. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 2018-24	12.7	40
76	Vasopressin in the Kidney: Historical Aspects **2009**, 203-223		
75	The physiology of urinary concentration: an update. *Seminars in Nephrology*, **2009**, 29, 178-95	4.8	134
74	Urinary concentration and dilution in the aging kidney. *Seminars in Nephrology*, **2009**, 29, 579-86	4.8	22

73	Epac Regulation of Urea Transport and the UT-A1 Urea Transporter in Rat Inner Medullary Collecting Duct.. *FASEB Journal*, **2009**, 23, 970.9	0.9	
72	Amiloride restores renal medullary osmolytes in lithium-induced nephrogenic diabetes insipidus. *American Journal of Physiology - Renal Physiology*, **2008**, 294, F812-20	4.3	46
71	Phosphorylation of UT-A1 urea transporter at serines 486 and 499 is important for vasopressin-regulated activity and membrane accumulation. *American Journal of Physiology - Renal Physiology*, **2008**, 295, F295-9	4.3	72
70	Urea transporters UT-A1 and UT-A3 accumulate in the plasma membrane in response to increased hypertonicity. *American Journal of Physiology - Renal Physiology*, **2008**, 295, F1336-41	4.3	27
69	Potential role of purinergic signaling in urinary concentration in inner medulla: insights from P2Y2 receptor gene knockout mice. *American Journal of Physiology - Renal Physiology*, **2008**, 295, F1715-24	4.3	44
68	Stimulation of UT-A1-mediated transepithelial urea flux in MDCK cells by lithium. *American Journal of Physiology - Renal Physiology*, **2008**, 294, F518-24	4.3	8
67	MDM2 E3 ubiquitin ligase mediates UT-A1 urea transporter ubiquitination and degradation. *American Journal of Physiology - Renal Physiology*, **2008**, 295, F1528-34	4.3	35
66	Candesartan augments compensatory changes in medullary transport proteins in the diabetic rat kidney. *American Journal of Physiology - Renal Physiology*, **2008**, 294, F1448-52	4.3	16
65	The Urine Concentrating Mechanism and Urea Transporters **2008**, 1143-1178		10
64	AVP causes transient formation of cAMP and activation of phosphodiesterase activity in MDCK cells. *FASEB Journal*, **2008**, 22, 1216.13	0.9	
63	Transport proteins in the inner medullas of diabetic kidneys are further increased by candesartan.. *FASEB Journal*, **2008**, 22, 1159.8	0.9	
62	UT-A1 urea transporter activation does not involve furin-dependent cleavage. *FASEB Journal*, **2008**, 22, 1216.10	0.9	
61	The UT-A1 urea transporter interacts with snapin, a SNARE-associated protein. *Journal of Biological Chemistry*, **2007**, 282, 30097-106	5.4	29
60	Forskolin stimulates phosphorylation and membrane accumulation of UT-A3. *American Journal of Physiology - Renal Physiology*, **2007**, 293, F1308-13	4.3	68
59	The role of SNARE proteins in trafficking and function of Urea Transporter UT-A1. *FASEB Journal*, **2007**, 21, A906	0.9	
58	Candesartan differentially regulates distal sodium transporters and channel subunits in cortex versus medulla in streptozotocin-induced diabetic rats.. *FASEB Journal*, **2007**, 21, A1331	0.9	
57	Increased urinary concentrating ability of P2Y2 receptor null mice is associated with marked increase in protein abundances of AQP2 and UT-A in renal medulla. *FASEB Journal*, **2007**, 21, A905	0.9	1
56	The apical membrane is the rate-determining barrier for vasopressin-regulated trans-epithelial urea transport in MDCK-UTA1 cells. *FASEB Journal*, **2007**, 21, A906	0.9	

55	Tissue distribution of UT-A and UT-B mRNA and protein in rat. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 290, R1446-59	3.2	32
54	Regulation of UT-A1-mediated transepithelial urea flux in MDCK cells. *American Journal of Physiology - Cell Physiology*, **2006**, 291, C600-6	5.4	40
53	Ultrastructural localization of UT-A and UT-B in rat kidneys with different hydration status. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 290, R479-92	3.2	38
52	Urea transporter UT-A1 and aquaporin-2 proteins decrease in response to angiotensin II or norepinephrine-induced acute hypertension. *American Journal of Physiology - Renal Physiology*, **2006**, 291, F952-9	4.3	36
51	Vasopressin increases plasma membrane accumulation of urea transporter UT-A1 in rat inner medullary collecting ducts. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 2680-6	12.7	74
50	Loss of N-linked glycosylation reduces urea transporter UT-A1 response to vasopressin. *Journal of Biological Chemistry*, **2006**, 281, 27436-42	5.4	49
49	Nephrogenic diabetes insipidus. *Annals of Internal Medicine*, **2006**, 144, 186-94	8	101
48	Nephrogenic Diabetes Insipidus st[Water and Urea Transport **2006**, 622-628		
47	Urea may regulate urea transporter protein abundance during osmotic diuresis. *American Journal of Physiology - Renal Physiology*, **2005**, 288, F188-97	4.3	31
46	Vasopressin increases urea permeability in the initial IMCD from diabetic rats. *American Journal of Physiology - Renal Physiology*, **2005**, 289, F531-5	4.3	17
45	A novel type of urea transporter, UT-C, is highly expressed in proximal tubule of seawater eel kidney. *American Journal of Physiology - Renal Physiology*, **2005**, 288, F455-65	4.3	31
44	Regulated expression of renal and intestinal UT-B urea transporter in response to varying urea load. *American Journal of Physiology - Renal Physiology*, **2005**, 289, F451-8	4.3	30
43	Long-term treatment with cyclosporine decreases aquaporins and urea transporters in the rat kidney. *American Journal of Physiology - Renal Physiology*, **2004**, 287, F139-51	4.3	53
42	Aldosterone decreases UT-A1 urea transporter expression via the mineralocorticoid receptor. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 558-65	12.7	28
41	Upregulation of urea transporter UT-A2 and water channels AQP2 and AQP3 in mice lacking urea transporter UT-B. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 1161-7	12.7	57
40	Urea transport in MDCK cells that are stably transfected with UT-A1. *American Journal of Physiology - Cell Physiology*, **2004**, 286, C1264-70	5.4	53
39	Role of vasopressin in diabetes mellitus-induced changes in medullary transport proteins involved in urine concentration in Brattleboro rats. *American Journal of Physiology - Renal Physiology*, **2004**, 286, F760-6	4.3	45
38	Altered expression of urea transporters in response to ureteral obstruction. *American Journal of Physiology - Renal Physiology*, **2004**, 286, F1154-62	4.3	48

37	Micropuncture: unlocking the secrets of renal function. *American Journal of Physiology - Renal Physiology*, **2004**, 287, F866-7	4.3	6
36	Renal urea transporters. *Current Opinion in Nephrology and Hypertension*, **2004**, 13, 525-32	3.5	69
35	Mammalian urea transporters. *Annual Review of Physiology*, **2003**, 65, 543-66	23.1	118
34	Expression of urea transporters in potassium-depleted mouse kidney. *American Journal of Physiology - Renal Physiology*, **2003**, 285, F1210-24	4.3	42
33	Immunohistochemical localization of urea transporters A and B in the rat cochlea. *Hearing Research*, **2003**, 183, 84-96	3.9	17
32	Changes in renal medullary transport proteins during uncontrolled diabetes mellitus in rats. *American Journal of Physiology - Renal Physiology*, **2003**, 285, F303-9	4.3	70
31	Urine-concentrating ability in the aging kidney. *Science of Aging Knowledge Environment: SAGE KE*, **2003**, 2003, PE15		14
30	Urea transporters are distributed in endothelial cells and mediate inhibition of L-arginine transport. *American Journal of Physiology - Renal Physiology*, **2002**, 283, F578-82	4.3	44
29	Impaired urine concentration and absence of tissue ACE: involvement of medullary transport proteins. *American Journal of Physiology - Renal Physiology*, **2002**, 283, F517-24	4.3	31
28	Expression of urea transporters in the developing rat kidney. *American Journal of Physiology - Renal Physiology*, **2002**, 282, F530-40	4.3	71
27	Glucocorticoids inhibit transcription and expression of the UT-A urea transporter gene. *American Journal of Physiology - Renal Physiology*, **2002**, 282, F853-8	4.3	40
26	Down-regulation of urea transporters in the renal inner medulla of lithium-fed rats. *Kidney International*, **2002**, 61, 995-1002	9.9	61
25	Vasopressin rapidly increases phosphorylation of UT-A1 urea transporter in rat IMCDs through PKA. *American Journal of Physiology - Renal Physiology*, **2002**, 282, F85-90	4.3	113
24	Molecular approaches to urea transporters. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 2795-806	12.7	41
23	A PROSPECTIVE EVALUATION OF THE GLOMERULAR FILTRATION RATE IN OLDER ADULTS WITH FREQUENT NIGHTTIME URINATION. *Journal of Urology*, **2002**, 167, 146-150	2.5	12
22	Acidosis mediates the upregulation of UT-A protein in livers from uremic rats. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 581-587	12.7	17
21	A prospective evaluation of the glomerular filtration rate in older adults with frequent nighttime urination. *Journal of Urology*, **2002**, 167, 146-50	2.5	4
20	Expression of salt and urea transporters in rat kidney during cisplatin-induced polyuria. *Kidney International*, **2001**, 60, 2274-82	9.9	27

19	Cloning of the rat Slc14a2 gene and genomic organization of the UT-A urea transporter. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2001**, 1518, 19-26		63
18	UT-A urea transporter protein in heart: increased abundance during uremia, hypertension, and heart failure. *Circulation Research*, **2001**, 89, 139-45	15.7	35
17	Localization of the urea transporter UT-B protein in human and rat erythrocytes and tissues. *American Journal of Physiology - Cell Physiology*, **2001**, 281, C1318-25	5.4	102
16	97- and 117-kDa forms of collecting duct urea transporter UT-A1 are due to different states of glycosylation. *American Journal of Physiology - Renal Physiology*, **2001**, 281, F133-43	4.3	68
15	Cloning and characterization of the human urea transporter UT-A1 and mapping of the human Slc14a2 gene. *American Journal of Physiology - Renal Physiology*, **2001**, 281, F400-6	4.3	66
14	Renal Actions of Vasopressin **2000**, 496-529		
13	Angiotensin II increases vasopressin-stimulated facilitated urea permeability in rat terminal IMCDs. *American Journal of Physiology - Renal Physiology*, **2000**, 279, F835-40	4.3	62
12	The TonE/TonEBP pathway mediates tonicity-responsive regulation of UT-A urea transporter expression. *Journal of Biological Chemistry*, **2000**, 275, 38275-80	5.4	119
11	Differential expression of individual UT-A urea transporter isoforms in rat kidney. *Journal of the American Society of Nephrology: JASN*, **2000**, 11, 1980-1986	12.7	55
10	Accurate mRNA size determination in northern analysis using individual lane size markers. *BioTechniques*, **1999**, 27, 280-2	2.5	9
9	Urea transport processes are induced in rat IMCD subsegments when urine concentrating ability is reduced. *American Journal of Physiology - Renal Physiology*, **1999**, 276, F62-71	4.3	15
8	UT-A urea transporter protein expressed in liver: upregulation by uremia. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 2076-83	12.7	40
7	Cloning and characterization of two new isoforms of the rat kidney urea transporter: UT-A3 and UT-A4. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 230-7	12.7	117
6	Regulation of renal urea transporters. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 635-46	12.7	75
5	Lithium intoxication. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 666-74	12.7	283
4	The medullary collecting duct urea transporters. *Current Opinion in Nephrology and Hypertension*, **1999**, 8, 499-504	3.5	4
3	Vasopressin-elicited water and urea permeabilities are altered in IMCD in hypercalcemic rats. *American Journal of Physiology - Renal Physiology*, **1998**, 274, F978-85	4.3	75
2	Glucocorticoids mediate a decrease in AVP-regulated urea transporter in diabetic rat inner medulla. *American Journal of Physiology - Renal Physiology*, **1997**, 273, F949-53	4.3	48

1	Active urea transport in the rat inner medullary collecting duct: functional characterization and initial expression cloning. *Kidney International*, **1996**, 49, 1611-4	9.9	26