David H Ellison

List of Publications by Year
in descending order

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171 papers	11,843 citations	23567 58 h-index	28297 105 g-index
190 all docs	190 docs citations	190 times ranked	8158 citing authors

#	Article	IF	Citations
1	Gitelman's variant of Barter's syndrome, inherited hypokalaemic alkalosis, is caused by mutations in the thiazide-sensitive Naâ€"Cl cotransporter. Nature Genetics, 1996, 12, 24-30.	21.4	1,116
2	The Syndrome of Inappropriate Antidiuresis. New England Journal of Medicine, 2007, 356, 2064-2072.	27.0	864
3	WNK kinases regulate thiazide-sensitive Na-Cl cotransport. Journal of Clinical Investigation, 2003, 111, 1039-1045.	8.2	394
4	Potassium Modulates Electrolyte Balance and Blood Pressure through Effects on Distal Cell Voltage and Chloride. Cell Metabolism, 2015, 21, 39-50.	16.2	353
5	Wnk4 controls blood pressure and potassium homeostasis via regulation of mass and activity of the distal convoluted tubule. Nature Genetics, 2006, 38, 1124-1132.	21.4	333
6	The calcineurin inhibitor tacrolimus activates the renal sodium chloride cotransporter to cause hypertension. Nature Medicine, 2011, 17, 1304-1309.	30.7	317
7	Mammalian Distal Tubule: Physiology, Pathophysiology, and Molecular Anatomy. Physiological Reviews, 2000, 80, 277-313.	28.8	307
8	Diuretic Therapy and Resistance in Congestive Heart Failure. Cardiology, 2001, 96, 132-143.	1.4	280
9	Potassium homeostasis and management of dyskalemia in kidney diseases: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2020, 97, 42-61.	5.2	260
10	Diuretic Treatment in Heart Failure. New England Journal of Medicine, 2017, 377, 1964-1975.	27.0	232
11	Gitelman syndrome: consensus and guidance from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2017, 91, 24-33.	5.2	230
12	The Physiologic Basis of Diuretic Synergism: Its Role in Treating Diuretic Resistance. Annals of Internal Medicine, 1991, 114, 886-894.	3.9	224
13	The WNKs: Atypical Protein Kinases With Pleiotropic Actions. Physiological Reviews, 2011, 91, 177-219.	28.8	223
14	Distal Convoluted Tubule. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 2147-2163.	4.5	200
15	Unique chloride-sensing properties of WNK4 permit the distal nephron to modulate potassium homeostasis. Kidney International, 2016, 89, 127-134.	5.2	195
16	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. JAMA Network Open, 2021, 4, e2116901.	5.9	179
17	Animal Models of Hypertension: A Scientific Statement From the American Heart Association. Hypertension, 2019, 73, e87-e120.	2.7	177
18	A SPAK Isoform Switch Modulates Renal Salt Transport and Blood Pressure. Cell Metabolism, 2011, 14, 352-364.	16.2	174

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19	Regulation of Renal Electrolyte Transport by WNK and SPAK-OSR1 Kinases. Annual Review of Physiology, 2016, 78, 367-389.	13.1	160
20	WNK Kinase Signaling in Ion Homeostasis and Human Disease. Cell Metabolism, 2017, 25, 285-299.	16.2	160
21	Diuretic Therapy for PatientsÂWithÂHeartÂFailure. Journal of the American College of Cardiology, 2020, 75, 1178-1195.	2.8	159
22	Pathogenesis of calcineurin inhibitorâ€"induced hypertension. Journal of Nephrology, 2012, 25, 269-275.	2.0	158
23	Mechanisms of WNK1 and WNK4 interaction in the regulation of thiazide-sensitive NaCl cotransport. Journal of Clinical Investigation, 2005, 115, 1379-1387.	8.2	144
24	The Effect of WNK4 on the Na+â€"Clâ˜' Cotransporter Is Modulated by Intracellular Chloride. Journal of the American Society of Nephrology: JASN, 2015, 26, 1781-1786.	6.1	137
25	Potassium Sensing by Renal Distal Tubules Requires Kir4.1. Journal of the American Society of Nephrology: JASN, 2017, 28, 1814-1825.	6.1	133
26	Loop Diuretic Infusion Increases Thiazide-Sensitive Na+/Cl--Cotransporter Abundance. Journal of the American Society of Nephrology: JASN, 2001, 12, 1335-1341.	6.1	132
27	Aldosterone mediates activation of the thiazide-sensitive Na-Cl cotransporter through an SGK1 and WNK4 signaling pathway. Journal of Clinical Investigation, 2009, 119, 2601-2612.	8.2	129
28	Cellâ€"cell communication enhances the capacity of cell ensembles to sense shallow gradients during morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E679-88.	7.1	126
29	WNK1 kinase isoform switch regulates renal potassium excretion. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8558-8563.	7.1	124
30	The WNK Kinase Network Regulating Sodium, Potassium, and Blood Pressure. Journal of the American Society of Nephrology: JASN, 2011, 22, 605-614.	6.1	123
31	The thiazide-sensitive Na-Cl cotransporter is regulated by a WNK kinase signaling complex. Journal of Clinical Investigation, 2007, 117, 3403-3411.	8.2	118
32	Hyperkalemic hypertensionâ€"associated cullin 3 promotes WNK signaling by degrading KLHL3. Journal of Clinical Investigation, 2014, 124, 4723-4736.	8.2	112
33	Direct and Indirect Mineralocorticoid Effects Determine Distal Salt Transport. Journal of the American Society of Nephrology: JASN, 2016, 27, 2436-2445.	6.1	110
34	Thiazide Effects and Adverse Effects. Hypertension, 2009, 54, 196-202.	2.7	107
35	Potassium intake modulates the thiazide-sensitive sodium-chloride cotransporter (NCC) activity via the Kir4.1 potassium channel. Kidney International, 2018, 93, 893-902.	5.2	106
36	Dominant-negative regulation of WNK1 by its kidney-specific kinase-defective isoform. American Journal of Physiology - Renal Physiology, 2006, 290, F619-F624.	2.7	103

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37	Clinical Pharmacology in Diuretic Use. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 1248-1257.	4.5	97
38	WNK4 Diverts the Thiazide-sensitive NaCl Cotransporter to the Lysosome and Stimulates AP-3 Interaction. Journal of Biological Chemistry, 2009, 284, 18471-18480.	3.4	94
39	Developmental expression of sodium entry pathways in rat nephron. American Journal of Physiology - Renal Physiology, 1999, 276, F367-F381.	2.7	91
40	Divalent cation transport by the distal nephron: insights from Bartter's and Gitelman's syndromes. American Journal of Physiology - Renal Physiology, 2000, 279, F616-F625.	2.7	91
41	Localization of thiazide-sensitive Na+-Clâˆ' cotransport and associated gene products in mouse DCT. American Journal of Physiology - Renal Physiology, 2001, 281, F1028-F1035.	2.7	91
42	Diuretic Resistance. American Journal of Kidney Diseases, 2017, 69, 136-142.	1.9	87
43	SPAK Differentially Mediates Vasopressin Effects on Sodium Cotransporters. Journal of the American Society of Nephrology: JASN, 2013, 24, 407-418.	6.1	86
44	Pathophysiology of functional mutations of the thiazide-sensitive Na-Cl cotransporter in Gitelman disease. American Journal of Physiology - Renal Physiology, 2004, 287, F195-F203.	2.7	82
45	Interleukin 18 function in atherosclerosis is mediated by the interleukin 18 receptor and the Na-Cl co-transporter. Nature Medicine, 2015, 21, 820-826.	30.7	81
46	WNK kinases regulate sodium chloride and potassium transport by the aldosterone-sensitive distal nephron. Kidney International, 2006, 70, 630-634.	5.2	80
47	Renal tubular resistance is the primary driver for loop diuretic resistance in acute heart failure. European Journal of Heart Failure, 2017, 19, 1014-1022.	7.1	80
48	Renal-Tubule Epithelial Cell Nomenclature for Single-Cell RNA-Sequencing Studies. Journal of the American Society of Nephrology: JASN, 2019, 30, 1358-1364.	6.1	79
49	Defective processing and expression of thiazide-sensitive Na-Cl cotransporter as a cause of Gitelmanâ€™s syndrome. American Journal of Physiology - Renal Physiology, 1999, 277, F643-F649.	2.7	78
50	Sodium transport-related proteins in the mammalian distal nephron - distribution, ontogeny and functional aspects. Anatomy and Embryology, 1999, 200, 447-468.	1.5	78
51	Distal Convoluted Tubule. , 2015, 5, 45-98.		78
52	WNK-SPAK-NCC Cascade Revisited. Hypertension, 2014, 64, 1047-1053.	2.7	76
53	Compensatory Distal Reabsorption Drives Diuretic Resistance in Human Heart Failure. Journal of the American Society of Nephrology: JASN, 2017, 28, 3414-3424.	6.1	75
54	Renal expression of sodium transporters and aquaporin-2 in hypothyroid rats. American Journal of Physiology - Renal Physiology, 2003, 284, F1097-F1104.	2.7	67

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55	Protein Phosphatase 1 Inhibitor-1 Deficiency Reduces Phosphorylation of Renal NaCl Cotransporter and Causes Arterial Hypotension. Journal of the American Society of Nephrology: JASN, 2014, 25, 511-522.	6.1	67
56	Potassium and Its Discontents. Journal of the American Society of Nephrology: JASN, 2016, 27, 981-989.	6.1	65
57	WNK Kinases and Renal Sodium Transport in Health and Disease. Hypertension, 2008, 51, 588-596.	2.7	64
58	Sympathetic Stimulation of Thiazide-Sensitive Sodium Chloride Cotransport in the Generation of Salt-Sensitive Hypertension. Hypertension, 2014, 64, 178-184.	2.7	64
59	Diuretic Drugs and the Treatment of Edema: From Clinic to Bench and Back Again. American Journal of Kidney Diseases, 1994, 23, 623-643.	1.9	63
60	Insights into Salt Handling and Blood Pressure. New England Journal of Medicine, 2021, 385, 1981-1993.	27.0	61
61	Salt sensitivity: a review with a focus on non-Hispanic blacks and Hispanics. Journal of the American Society of Hypertension, 2013, 7, 170-179.	2.3	58
62	WNK1 and WNK4 modulate CFTR activity. Biochemical and Biophysical Research Communications, 2007, 353, 535-540.	2.1	51
63	Rabbit distal convoluted tubule coexpresses NaCl cotransporter and 11Î²-hydroxysteroid dehydrogenase II mRNA. Kidney International, 1998, 54, 464-472.	5.2	49
64	Enhanced phosphorylation of Na+â€“Clâˆ’ co-transporter in experimental metabolic syndrome: role of insulin. Clinical Science, 2012, 123, 635-647.	4.3	49
65	Altered renal FGF23-mediated activity involving MAPK and Wnt: effects of the Hyp mutation. Journal of Endocrinology, 2010, 207, 67-75.	2.6	46
66	Kir4.1/Kir5.1 in the DCT plays a role in the regulation of renal K⁺excretion. American Journal of Physiology - Renal Physiology, 2019, 316, F582-F586.	2.7	45
67	SORLA/SORL1 Functionally Interacts with SPAK To Control Renal Activation of Na⁺-K⁺-Cl^{âˆ’} Cotransporter 2. Molecular and Cellular Biology, 2010, 30, 3027-3037.	2.3	44
68	Overexpression of the Sodium Chloride Cotransporter Is Not Sufficient to Cause Familial Hyperkalemic Hypertension. Hypertension, 2011, 58, 888-894.	2.7	44
69	Renal Deletion of 12 kDa FK506-Binding Protein Attenuates Tacrolimus-Induced Hypertension. Journal of the American Society of Nephrology: JASN, 2016, 27, 1456-1464.	6.1	44
70	Optical Clearing in the Kidney Reveals Potassium-Mediated Tubule Remodeling. Cell Reports, 2018, 25, 2668-2675.e3.	6.4	40
71	Kidney-specific WNK1 isoform (KS-WNK1) is a potent activator of WNK4 and NCC. American Journal of Physiology - Renal Physiology, 2018, 315, F734-F745.	2.7	40
72	Distal convoluted tubule Cl^{âˆ’}concentration is modulated via K⁺channels and transporters. American Journal of Physiology - Renal Physiology, 2020, 319, F534-F540.	2.7	38

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73	WNK bodies cluster WNK4 and SPAK/OSR1 to promote NCC activation in hypokalemia. American Journal of Physiology - Renal Physiology, 2020, 318, F216-F228.	2.7	34
74	With no lysine kinase 4 modulates sodium potassium 2 chloride cotransporter activity in vivo. American Journal of Physiology - Renal Physiology, 2018, 315, F781-F790.	2.7	33
75	Comparison of WNK4 and WNK1 kinase and inhibiting activities. Biochemical and Biophysical Research Communications, 2004, 317, 939-944.	2.1	32
76	Effect of Angiotensin II on ENaC in the Distal Convoluted Tubule and in the Cortical Collecting Duct of Mineralocorticoid Receptor Deficient Mice. Journal of the American Heart Association, 2020, 9, e014996.	3.7	32
77	Interaction with grp58 increases activity of the thiazide-sensitive Na-Cl cotransporter. American Journal of Physiology - Renal Physiology, 2002, 282, F424-F430.	2.7	31
78	The Calcium-Sensing Receptor Increases Activity of the Renal NCC through the WNK4-SPAK Pathway. Journal of the American Society of Nephrology: JASN, 2018, 29, 1838-1848.	6.1	31
79	Large-Scale Proteomic Assessment of Urinary Extracellular Vesicles Highlights Their Reliability in Reflecting Protein Changes in the Kidney. Journal of the American Society of Nephrology: JASN, 2021, 32, 2195-2209.	6.1	31
80	WNK kinases and the kidney. Experimental Cell Research, 2012, 318, 1020-1026.	2.6	30
81	Calcineurin and Sorting-Related Receptor with A-Type Repeats Interact to Regulate the Renal Na+-K+-2Clâˆ’ Cotransporter. Journal of the American Society of Nephrology: JASN, 2016, 27, 107-119.	6.1	30
82	The Thiazide-Sensitive Na-Cl Cotransporter and Human Disease. Journal of the American Society of Nephrology: JASN, 2003, 14, 538-540.	6.1	28
83	High Tail-Cuff Blood Pressure in Mice 1 Week After Shipping: The Need For Longer Acclimation. American Journal of Hypertension, 2011, 24, 534-536.	2.0	27
84	Distal convoluted tubule sexual dimorphism revealed by advanced 3D imaging. American Journal of Physiology - Renal Physiology, 2020, 319, F754-F764.	2.7	27
85	Training the Next Generationâ€™s Nephrology Workforce. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1639-1644.	4.5	26
86	Molecular Mechanisms of Renal Magnesium Reabsorption. Journal of the American Society of Nephrology: JASN, 2021, 32, 2125-2136.	6.1	26
87	Renal mineralocorticoid receptor and electrolyte homeostasis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1068-R1070.	1.8	25
88	Treatment of Disorders of Sodium Balance in Chronic Kidney Disease. Advances in Chronic Kidney Disease, 2017, 24, 332-341.	1.4	23
89	Separate and interacting effects of the endogenous circadian system and behaviors on plasma aldosterone in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R157-R164.	1.8	22
90	Management of cirrhotic ascites: Physiological basis of diuretic action. European Journal of Internal Medicine, 2006, 17, 8-19.	2.2	20

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91	Renal COP9 Signalosome Deficiency Alters CUL3-KLHL3-WNK Signaling Pathway. Journal of the American Society of Nephrology: JASN, 2018, 29, 2627-2640.	6.1	20
92	Diuretic Treatment in Heart Failure. New England Journal of Medicine, 2018, 378, 683-685.	27.0	19
93	Tacrolimusâ€induced hypomagnesemia and hypercalciuria requires FKBP12 suggesting a role for calcineurin. Physiological Reports, 2020, 8, e14316.	1.7	19
94	Role of WNK4 and kidney-specific WNK1 in mediating the effect of high dietary K⁺ intake on ROMK channel in the distal convoluted tubule. American Journal of Physiology - Renal Physiology, 2018, 315, F223-F230.	2.7	18
95	Dual gain and loss of cullin 3 function mediates familial hyperkalemic hypertension. American Journal of Physiology - Renal Physiology, 2018, 315, F1006-F1018.	2.7	18
96	Mineralocorticoid Receptor Antagonists Cause Natriuresis in the Absence of Aldosterone. Hypertension, 2022, 79, 1423-1434.	2.7	18
97	Roles of WNK4 and SPAK in K⁺-mediated dephosphorylation of the NaCl cotransporter. American Journal of Physiology - Renal Physiology, 2021, 320, F719-F733.	2.7	17
98	Compensatory post-diuretic renal sodium reabsorption is not a dominant mechanism of diuretic resistance in acute heart failure. European Heart Journal, 2021, 42, 4468-4477.	2.2	16
99	Why Your Mother Was Right: How Potassium Intake Reduces Blood Pressure. Transactions of the American Clinical and Climatological Association, 2015, 126, 46-55.	0.5	16
100	Degradation by Cullin 3 and effect on WNK kinases suggest a role of KLHL2 in the pathogenesis of Familial Hyperkalemic Hypertension. Biochemical and Biophysical Research Communications, 2016, 469, 44-48.	2.1	14
101	Molecular mechanisms for the modulation of blood pressure and potassium homeostasis by the distal convoluted tubule. EMBO Molecular Medicine, 2022, 14, e14273.	6.9	14
102	Patients with hypokalemia develop WNK bodies in the distal convoluted tubule of the kidney. American Journal of Physiology - Renal Physiology, 2019, 316, F292-F300.	2.7	13
103	The voltage-gated K+ channel subunit Kv1.1 links kidney and brain. Journal of Clinical Investigation, 2009, 119, 763-766.	8.2	12
104	Diuretics and Salt Transport Along the Nephron. Seminars in Nephrology, 2011, 31, 475-482.	1.6	12
105	Renal Nerves, WNK4, Glucocorticoids, and Salt Transport. Cell Metabolism, 2011, 13, 619-620.	16.2	12
106	The distal convoluted tubule of rabbit kidney does not express a functional sodium channel. American Journal of Physiology - Renal Physiology, 2001, 280, F530-F539.	2.7	11
107	Hypertension after kidney transplantation. Journal of Hypertension, 2012, 30, 832-833.	0.5	11
108	Endothelial transcriptomics reveals activation of fibrosis-related pathways in hypertension. Physiological Genomics, 2018, 50, 104-116.	2.3	11

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109	C-terminally truncated, kidney-specific variants of the WNK4 kinase lack several sites that regulate its activity. Journal of Biological Chemistry, 2018, 293, 12209-12221.	3.4	11
110	Ubiquitylation and the pathogenesis of hypertension. Journal of Clinical Investigation, 2013, 123, 546-8.	8.2	11
111	Hypertension-causing cullin 3 mutations disrupt COP9 signalosome binding. American Journal of Physiology - Renal Physiology, 2020, 318, F204-F208.	2.7	10
112	Sorting out Lysosomal Trafficking of the Thiazide-Sensitive Na-Cl Co-transporter. Journal of the American Society of Nephrology: JASN, 2010, 21, 7-9.	6.1	9
113	A Quest â€” Halting the Progression of Autosomal Dominant Polycystic Kidney Disease. New England Journal of Medicine, 2014, 371, 2329-2331.	27.0	9
114	Evaluating Hyponatremia. JAMA - Journal of the American Medical Association, 2015, 313, 1260.	7.4	9
115	Serum Bicarbonate as a Surrogate for pH in Hemodialysis: A Pilot Study. Kidney Medicine, 2020, 2, 42-48.	2.0	9
116	Combined Kelch-like 3 and Cullin 3 Degradation is a Central Mechanism in Familial Hyperkalemic Hypertension in Mice. Journal of the American Society of Nephrology: JASN, 2022, 33, 584-600.	6.1	9
117	Acute Renal Failure in Critically Ill Patients. Journal of Intensive Care Medicine, 1987, 2, 8-24.	2.8	8
118	Mechanistic Insights into Loop Diuretic Responsiveness in Heart Failure. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 650-652.	4.5	8
119	Salt-sensitive transcriptome of isolated kidney distal tubule cells. Physiological Genomics, 2019, 51, 125-135.	2.3	8
120	Why Are Physicians So Confused about Acute Heart Failure?. New England Journal of Medicine, 2019, 381, 2374-2376.	27.0	8
121	A novel distal convoluted tubule-specific Cre-recombinase driven by the NaCl cotransporter gene. American Journal of Physiology - Renal Physiology, 2020, 319, F423-F435.	2.7	8
122	Kidney Is Essential for Blood Pressure Modulation by Dietary Potassium. Current Cardiology Reports, 2020, 22, 124.	2.9	8
123	Potassium Effects on NCC Are Attenuated during Inhibition of Cullin E3â€“Ubiquitin Ligases. Cells, 2022, 11, 95.	4.1	8
124	Adaptation in Gitelman Syndrome. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 379-382.	4.5	7
125	Advancing Nephrology. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 319-327.	4.5	7
126	SGLT2 inhibitors, hemodynamics, and kidney protection. American Journal of Physiology - Renal Physiology, 2021, 321, F47-F49.	2.7	7

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127	Solubilization and partial purification of the thiazide diuretic receptor from rabbit renal cortex. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1069, 241-249.	2.6	6
128	Disorders of Sodium and Water. American Journal of Kidney Diseases, 2005, 46, 356-361.	1.9	6
129	Enemy Action in the Distal Convoluted Tubule. Journal of the American Society of Nephrology: JASN, 2019, 30, 1345-1348.	6.1	6
130	Hyperkalemia and Trimethoprim-Sulfamethoxazole. American Journal of Kidney Diseases, 1997, 29, 959-962.	1.9	5
131	Renal magnification by EGF. Nephrology Dialysis Transplantation, 2008, 23, 1497-1499.	0.7	5
132	Through a glass darkly: salt transport by the distal tubule. Kidney International, 2011, 79, 5-8.	5.2	5
133	Nephron Remodeling Underlies Hyperkalemia in Familial Hyperkalemic Hypertension. Journal of the American Society of Nephrology: JASN, 2017, 28, 2555-2557.	6.1	5
134	Optical Clearing and Imaging of Immunolabeled Kidney Tissue. Journal of Visualized Experiments, 2019, , .	0.3	5
135	Adaptation to Diuretic Drugs. , 1997, , 209-232.		5
136	Osmotic activity of dimethyl sulfoxide in the renal distal tubule. Kidney International, 1984, 26, 471-475.	5.2	4
137	PharmGKB summary. Pharmacogenetics and Genomics, 2013, 23, 449-453.	1.5	4
138	Intensive Diuretic Therapy. , 1997, , 281-300.		4
139	COP9 signalosome deletion promotes renal injury and distal convoluted tubule remodeling. American Journal of Physiology - Renal Physiology, 2022, 323, F4-F19.	2.7	4
140	Physiology and Pathophysiology of Diuretic Action. , 2013, , 1353-1404.		3
141	Optical tissue clearing and immunolabeling in kidney research. Methods in Cell Biology, 2019, 154, 31-41.	1.1	3
142	Infusion of Bovine Parathyroid Hormone1-34Attenuates the Pressor Response to Angiotensin II in Spontaneously Hypertensive Rats. Clinical and Experimental Hypertension, 1982, 4, 1637-1647.	0.3	2
143	From bedside to benchmarks: A physician-scientist workforce dashboard for biomedical research institutions. Journal of Clinical and Translational Science, 2018, 2, 305-311.	0.6	2
144	WNK4 limits distal calcium losses following acute furosemide treatment. Physiological Reports, 2019, 7, e14195.	1.7	2

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145	Me Or Your Own Eyes: RNA-Seq and the Kidney. Journal of the American Society of Nephrology: JASN, 2021, 32, 768-771.	6.1	2
146	Physiology and Pathophysiology of Diuretic Action. , 2008, , 1051-1094.		2
147	Physiological changes in plasma [K +] affect NCC function via Cl â€•inhibition of WNK4. FASEB Journal, 2015, 29, 967.6.	0.5	2
148	Diuretic Use in Edema and the Problem of Resistance. , 2008, , 388-411.		1
149	The Carboxyl Terminus of WNK4 Suppresses Forward Trafficking of the Thiazideâ€Sensitive Cotransporter. FASEB Journal, 2007, 21, A1337.	0.5	1
150	Optical Clearing in Kidney Reveals Potassium-Mediated Tubule Remodeling. SSRN Electronic Journal, 0, , .	0.4	1
151	WNK Bodies Develop in the Distal Convoluted Tubule of the Human Kidney in Chronic Hypokalemia. FASEB Journal, 2019, 33, 862.13.	0.5	1
152	Chapter 30 The physiologic basis of diuretic drug action and synergism. Principles of Medical Biology, 1997, 8, 577-599.	0.1	0
153	Hereditary Disorders of Collecting Duct Sodium and Potassium Transport. , 2003, , 251-268.		0
154	Diuretics in Congestive Heart Failure. , 0, , 1-16.		0
155	Genetic disorders of sodium transport. , 2012, , 522-529.		0
156	Diuretic Therapy. , 2013, , 171-201.		0
157	Outstanding translational science at American Society of Hypertension 2015. Journal of the American Society of Hypertension, 2015, 9, 828-830.	2.3	0
158	The authors reply. Kidney International, 2020, 98, 785.	5.2	0
159	SGK1 attenuates WNK4â€mediated inhibition of thiazideâ€sensitive NaCl cotransport. FASEB Journal, 2006, 20, LB29.	0.5	0
160	Edema and the Clinical Use of Diuretics. , 2009, , 135-146.		0
161	Role of SPAK in short term activation of kidney electroneutral cationâ€Cl â^' â€cotransporters by vasopressin. FASEB Journal, 2011, 25, 1038.21.	0.5	0
162	Management of the patient with congestive heart failure. , 2012, , 187-196.		0

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163	STE20â€like kinase SPAK differentially regulates Naâ€(K)â€Cl cotransporters along the distal nephron under the endocrine control of AVP. FASEB Journal, 2013, 27, 912.8.	0.5	0
164	Calcineurin Inhibition Affects Na(K)Cl Cotransporter Activity in Kidney Distal Nephron. FASEB Journal, 2015, 29, 845.21.	0.5	0
165	Induced Panâ€nephron Mineralocorticoid Receptor Knockout Causes Na + Wasting and K + Retention. FASEB Journal, 2015, 29, 968.2.	0.5	0
166	Threeâ€dimensional analysis of potassium deprivationâ€induced tubular remodeling using optical clearing. FASEB Journal, 2018, 32, 844.2.	0.5	0
167	Aldosteroneâ€Induced Transcripts Identified from Rapidly Isolated Collecting Duct Cells. FASEB Journal, 2018, 32, 850.1.	0.5	0
168	The Calciumâ€sensing Receptor Increases Activity of the Renal Naâ€Cl Cotransporter Through the WNK4â€SPAK Pathway. FASEB Journal, 2018, 32, 747.7.	0.5	0
169	Metabolic stress directs WNK kinases to aggresomes for pooling and degradation in the distal convoluted tubule of the kidney. FASEB Journal, 2018, 32, 816.5.	0.5	0
170	Insights on Diuretic Therapy from Clinical and Pharmacologic Perspectives. , 2020, , 51-71.		0
171	Pathophysiology, Evaluation, and Treatment of Hyperkalemia. Nephrology Self-assessment Program: NephSAP, 2022, 20, 117-129.	3.0	0