

# Donald E Kohan

## List of Publications by Year in descending order

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135  
papers

7,832  
citations

61984

43  
h-index

53230

85  
g-index

137  
all docs

137  
docs citations

137  
times ranked

5934  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Endothelin. <i>Pharmacological Reviews</i> , 2016, 68, 357-418.  | 16.0 | 574       |
| 2  | Thiazolidinediones expand body fluid volume through PPAR $\beta$ stimulation of ENaC-mediated renal salt absorption. <i>Nature Medicine</i> , 2005, 11, 861-866.   | 30.7 | 573       |
| 3  | Atrasentan and renal events in patients with type 2 diabetes and chronic kidney disease (SONAR): a double-blind, randomised, placebo-controlled trial. <i>Lancet, The</i> , 2019, 393, 1937-1947.  | 13.7 | 408       |
| 4  | Endothelins in the normal and diseased kidney. <i>American Journal of Kidney Diseases</i> , 1997, 29, 2-26.  | 1.9  | 351       |
| 5  | Regulation of Blood Pressure and Salt Homeostasis by Endothelin. <i>Physiological Reviews</i> , 2011, 91, 1-77.  | 28.8 | 350       |
| 6  | Collecting duct-specific deletion of peroxisome proliferator-activated receptor $\beta$ blocks thiazolidinedione-induced fluid retention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9406-9411. | 7.1  | 315       |
| 7  | Collecting Duct Principal Cell Transport Processes and Their Regulation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 135-146.   | 4.5  | 234       |
| 8  | The Endothelin Antagonist Atrasentan Lowers Residual Albuminuria in Patients with Type 2 Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1083-1093.   | 6.1  | 222       |
| 9  | Collecting duct-specific knockout of endothelin-1 causes hypertension and sodium retention. <i>Journal of Clinical Investigation</i> , 2004, 114, 504-511.   | 8.2  | 215       |
| 10 | Addition of Atrasentan to Renin-Angiotensin System Blockade Reduces Albuminuria in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 763-772.   | 6.1  | 210       |
| 11 | Endothelin and endothelin antagonists in chronic kidney disease. <i>Kidney International</i> , 2014, 86, 896-904.  | 5.2  | 201       |
| 12 | Collecting duct-specific knockout of the endothelin B receptor causes hypertension and sodium retention. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F1274-F1280.  | 2.7  | 192       |
| 13 | Role of Endothelin-1 in Clinical Hypertension. <i>Hypertension</i> , 2008, 52, 452-459.  | 2.7  | 150       |
| 14 | Collecting duct-specific knockout of endothelin-1 causes hypertension and sodium retention. <i>Journal of Clinical Investigation</i> , 2004, 114, 504-511.   | 8.2  | 143       |
| 15 | Expression of an AQP2 Cre recombinase transgene in kidney and male reproductive system of transgenic mice. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 275, C216-C226.   | 4.6  | 136       |
| 16 | Physiology and pathology of endothelin-1 in renal mesangium. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F579-F589.  | 2.7  | 110       |
| 17 | Effect of reactive oxygen species on endothelin-1 production by human mesangial cells. <i>Kidney International</i> , 1996, 49, 181-189.  | 5.2  | 107       |
| 18 | Endothelin, hypertension and chronic kidney disease: new insights. <i>Current Opinion in Nephrology and Hypertension</i> , 2010, 19, 134-139.  | 2.0  | 103       |

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|----|--|-----|-----------|
| 19 | Collecting duct-specific knockout of endothelin-1 alters vasopressin regulation of urine osmolality. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F912-F920.  | 2.7 | 99        |
| 20 | Endothelin antagonists for diabetic and non-diabetic chronic kidney disease. <i>British Journal of Clinical Pharmacology</i> , 2013, 76, 573-579.  | 2.4 | 99        |
| 21 | Cytotoxic effect of Shiga toxin-1 on human proximal tubule cells. <i>Kidney International</i> , 1998, 54, 426-437.   | 5.2 | 98        |
| 22 | Physiology of Endothelin and the Kidney. , 2011, 1, 883-919.   |     | 96        |
| 23 | The renal medullary endothelin system in control of sodium and water excretion and systemic blood pressure. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 34-40.   | 2.0 | 95        |
| 24 | Combined knockout of collecting duct endothelin A and B receptors causes hypertension and sodium retention. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F1635-F1640.                                       | 2.7 | 92        |
| 25 | Collecting duct-specific knockout of the endothelin A receptor alters renal vasopressin responsiveness, but not sodium excretion or blood pressure. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F692-F698. | 2.7 | 87        |
| 26 | Collecting Duct-Derived Endothelin Regulates Arterial Pressure and Na Excretion via Nitric Oxide. <i>Hypertension</i> , 2008, 51, 1605-1610.   | 2.7 | 79        |
| 27 | Clinical trials with endothelin receptor antagonists: What went wrong and where can we improve?. <i>Life Sciences</i> , 2012, 91, 528-539.   | 4.3 | 76        |
| 28 | Renal Collecting Duct NOS1 Maintains Fluid-Electrolyte Homeostasis and Blood Pressure. <i>Hypertension</i> , 2013, 62, 91-98.  | 2.7 | 75        |
| 29 | Expression and function of COX isoforms in renal medulla: evidence for regulation of salt sensitivity and blood pressure. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F542-F549.                           | 2.7 | 69        |
| 30 | Activation of ENaC in collecting duct cells by prorenin and its receptor PRR: involvement of Nox4-derived hydrogen peroxide. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F1243-F1250.                      | 2.7 | 67        |
| 31 | Rationale and protocol of the Study Of diabetic Nephropathy with AtRasentan (SONAR) trial: A clinical trial design novel to diabetic nephropathy. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1369-1376.                     | 4.4 | 60        |
| 32 | Profile of past and current clinical trials involving endothelin receptor antagonists: the novel "-sentan" class of drug. <i>Experimental Biology and Medicine</i> , 2006, 231, 653-95.  | 2.4 | 60        |
| 33 | Endothelin-1 stimulates NO production and inhibits cAMP accumulation in rat inner medullary collecting duct through independent pathways. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F1315-F1319.         | 2.7 | 59        |
| 34 | Adenylyl Cyclase 6 Deficiency Ameliorates Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 232-237.   | 6.1 | 58        |
| 35 | Collecting duct-specific endothelin B receptor knockout increases ENaC activity. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C188-C194.   | 4.6 | 56        |
| 36 | Collecting duct-specific knockout of adenylyl cyclase type VI causes a urinary concentration defect in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F78-F84.  | 2.7 | 56        |

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|----|--|-----|-----------|
| 37 | Collecting duct-specific knockout of renin attenuates angiotensin II-induced hypertension. American Journal of Physiology - Renal Physiology, 2014, 307, F931-F938.  | 2.7 | 55        |
| 38 | Nephron-specific deletion of the prorenin receptor causes a urine concentration defect. American Journal of Physiology - Renal Physiology, 2015, 309, F48-F56.   | 2.7 | 55        |
| 39 | Aldosterone-independent regulation of the epithelial Na <sup>+</sup> channel (ENaC) by vasopressin in adrenalectomized mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10095-10100.                      | 7.1 | 54        |
| 40 | Clinical efficacy of the selective endothelin A receptor antagonist, atrasentan, in patients with diabetes and chronic kidney disease (CKD). Life Sciences, 2012, 91, 739-742.   | 4.3 | 54        |
| 41 | COX-2 mediates angiotensin II-induced (pro)renin receptor expression in the rat renal medulla. American Journal of Physiology - Renal Physiology, 2014, 307, F25-F32.  | 2.7 | 51        |
| 42 | Shigatoxin-1 binding and receptor expression in human kidneys do not change with age. Pediatric Nephrology, 2003, 18, 246-253.   | 1.7 | 49        |
| 43 | AT1 Receptors in the Collecting Duct Directly Modulate the Concentration of Urine. Journal of the American Society of Nephrology: JASN, 2011, 22, 2237-2246.   | 6.1 | 48        |
| 44 | Flow regulation of collecting duct endothelin-1 production. American Journal of Physiology - Renal Physiology, 2011, 300, F650-F656.   | 2.7 | 46        |
| 45 | Inactivation of Pkd1 in principal cells causes a more severe cystic kidney disease than in intercalated cells. Kidney International, 2009, 75, 626-633.  | 5.2 | 45        |
| 46 | Endothelin-1 induction of cyclooxygenase-2 expression in rat mesangial cells. Kidney International, 1995, 47, 53-61.   | 5.2 | 43        |
| 47 | Endothelin-1 inhibits sodium reabsorption by ET <sub>A</sub> and ET <sub>B</sub> receptors in the mouse cortical collecting duct. American Journal of Physiology - Renal Physiology, 2013, 305, F568-F573.   | 2.7 | 43        |
| 48 | Overexpression of Renin in the Collecting Duct Causes Elevated Blood Pressure. American Journal of Hypertension, 2013, 26, 965-972.  | 2.0 | 42        |
| 49 | New insights from SONAR indicate adding sodium glucose co-transporter 2 inhibitors to an endothelin receptor antagonist mitigates fluid retention and enhances albuminuria reduction. Kidney International, 2021, 99, 346-349.                             | 5.2 | 42        |
| 50 | Myocardial, Smooth Muscle, Nephron, and Collecting Duct Gene Targeting Reveals the Organ Sites of Endothelin A Receptor Antagonist Fluid Retention. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 182-189.                             | 2.5 | 41        |
| 51 | A Randomized Controlled Trial of the Effects of Febuxostat Therapy on Adipokines and Markers of Kidney Fibrosis in Asymptomatic Hyperuricemic Patients With Diabetic Nephropathy. Canadian Journal of Kidney Health and Disease, 2016, 3, 205435811667534. | 1.1 | 39        |
| 52 | Role of collecting duct endothelin in control of renal function and blood pressure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R659-R668.  | 1.8 | 37        |
| 53 | Characterization of vasopressin-responsive collecting duct adenylyl cyclases in the mouse. American Journal of Physiology - Renal Physiology, 2010, 298, F859-F867.  | 2.7 | 36        |
| 54 | The (pro)renin receptor: an emerging player in hypertension and metabolic syndrome. Kidney International, 2019, 95, 1041-1052.   | 5.2 | 36        |

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|----|---|-----|-----------|
| 55 | Adenylyl Cyclase VI Mediates Vasopressin-Stimulated ENaC Activity. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 218-227.  | 6.1 | 35        |
| 56 | Reduced ENaC activity and blood pressure in mice with genetic knockout of the insulin receptor in the renal collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F279-F288.   | 2.7 | 35        |
| 57 | Predictors of Atrasentan-Associated Fluid Retention and Change in Albuminuria in Patients with Diabetic Nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 1568-1574.  | 4.5 | 32        |
| 58 | Flow regulation of endothelin-1 production in the inner medullary collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F541-F552.   | 2.7 | 31        |
| 59 | Progress in gene targeting: using mutant mice to study renal function and disease. <i>Kidney International</i> , 2008, 74, 427-437.   | 5.2 | 29        |
| 60 | Biology of endothelin receptors in the collecting duct. <i>Kidney International</i> , 2009, 76, 481-486.  | 5.2 | 29        |
| 61 | Activation of ENaC by AVP contributes to the urinary concentrating mechanism and dilution of plasma. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F237-F243.   | 2.7 | 29        |
| 62 | Prediction of the effect of atrasentan on renal and heart failure outcomes based on short-term changes in multiple risk markers. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 758-768.  | 1.8 | 29        |
| 63 | Collecting duct principal, but not intercalated, cell prorenin receptor regulates renal sodium and water excretion. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F607-F617.  | 2.7 | 29        |
| 64 | Calcium regulation of endothelin-1 synthesis in rat inner medullary collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F601-F606.   | 2.7 | 28        |
| 65 | Baseline characteristics and enrichment results from the <scp>SONAR</scp> trial. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1829-1835.   | 4.4 | 28        |
| 66 | Thick ascending limb-specific expression of Cre recombinase. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F33-F39.   | 2.7 | 27        |
| 67 | Lipopolysaccharide Upregulates Renal Shiga Toxin Receptors in a Primate Model of Hemolytic Uremic Syndrome. <i>American Journal of Nephrology</i> , 2005, 25, 536-540.  | 3.1 | 27        |
| 68 | Endothelin-1 and hypertension: From bench to bedside. <i>Current Hypertension Reports</i> , 2008, 10, 65-69.  | 3.5 | 23        |
| 69 | Hypoxia regulates endothelin-1 production by the inner medullary collecting duct. <i>Translational Research</i> , 1998, 131, 45-48.   | 2.3 | 22        |
| 70 | Role of prostaglandins in collecting duct-derived endothelin-1 regulation of blood pressure and water excretion. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1805-F1810.   | 2.7 | 22        |
| 71 | Disruption of the endothelin A receptor in the nephron causes mild fluid volume expansion. <i>BMC Nephrology</i> , 2012, 13, 166.   | 1.8 | 22        |
| 72 | Role of the renin-angiotensin-aldosterone system in collecting duct-derived endothelin-1 regulation of blood pressure This article is one of a selection of papers published in the special issue (part 1 of 2) on <i>Frontiers in Endothelin</i> . <i>Canadian Journal of Physiology and Pharmacology</i> , 2008, 86, 329-336. | 1.4 | 21        |

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|----|--|-----|-----------|
| 73 | Na delivery and ENaC mediate flow regulation of collecting duct endothelin-1 production. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F1325-F1330.  | 2.7 | 21        |
| 74 | Regulation of Mg <sup>2+</sup> Reabsorption and Transient Receptor Potential Melastatin Type 6 Activity by cAMP Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 804-813.                       | 6.1 | 21        |
| 75 | Role of adenylyl cyclase 6 in the development of lithium-induced nephrogenic diabetes insipidus. <i>JCI Insight</i> , 2017, 2, e91042.   | 5.0 | 21        |
| 76 | Endothelin Antagonists in Clinical Trials: Lessons Learned. <i>Contributions To Nephrology</i> , 2011, 172, 255-260.   | 1.1 | 20        |
| 77 | Lack of an effect of collecting duct-specific deletion of adenylyl cyclase 3 on renal Na <sup>+</sup> and water excretion or arterial pressure. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F597-F607. | 2.7 | 20        |
| 78 | Smooth muscle specific disruption of the endothelin-A receptor in mice reduces arterial pressure, and vascular reactivity and affects vascular development. <i>Life Sciences</i> , 2014, 118, 238-243.                           | 4.3 | 20        |
| 79 | Oxidant stress regulates basal endothelin-1 production by cultured rat pulmonary endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1997, 273, L768-L774.                       | 2.9 | 19        |
| 80 | Thromboxane Prostanoid Receptors Enhance Contractions, Endothelin-1, and Oxidative Stress in Microvessels From Mice With Chronic Kidney Disease. <i>Hypertension</i> , 2015, 65, 1055-1063.                                      | 2.7 | 19        |
| 81 | The effects of atrasentan on urinary metabolites in patients with type 2 diabetes and nephropathy. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 749-753.  | 4.4 | 19        |
| 82 | Nephron-specific Disruption of Nitric Oxide Synthase 3 Causes Hypertension and Impaired Salt Excretion. <i>Journal of the American Heart Association</i> , 2018, 7, .  | 3.7 | 19        |
| 83 | Endothelin receptor antagonists for the treatment of diabetic and nondiabetic chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2021, 30, 456-465.   | 2.0 | 19        |
| 84 | Potential involvement of P2Y2 receptor in diuresis of postobstructive uropathy in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F634-F642.   | 2.7 | 18        |
| 85 | Regulation of nephron water and electrolyte transport by adenylyl cyclases. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F701-F709.   | 2.7 | 18        |
| 86 | Endothelin-targeted new treatments for proteinuric and inflammatory glomerular diseases: focus on the added value to anti-renin-angiotensin system inhibition. <i>Pediatric Nephrology</i> , 2021, 36, 763-775.                  | 1.7 | 17        |
| 87 | Altered collecting duct adenylyl cyclase content in collecting duct endothelin-1 knockout mice. <i>BMC Nephrology</i> , 2007, 8, 8.  | 1.8 | 15        |
| 88 | Loss of Soluble (Pro)renin Receptor Attenuates Angiotensin-II Induced Hypertension and Renal Injury. <i>Circulation Research</i> , 2021, 129, 50-62.   | 4.5 | 15        |
| 89 | Nephrology Training Programs and Applicants. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 242-247.  | 4.5 | 14        |
| 90 | Identification of Two Nuclear Factor of Activated T-cells (NFAT)-response Elements in the 5' Upstream Regulatory Region of the ET-1 Promoter. <i>Journal of Biological Chemistry</i> , 2010, 285, 28520-28528.                   | 3.4 | 14        |

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|-----|--|-----|-----------|
| 91  | Role of the Collecting Duct Renin Angiotensin System in Regulation of Blood Pressure and Renal Function. <i>Current Hypertension Reports</i> , 2016, 18, 29.   | 3.5 | 14        |
| 92  | Training the Next Generation of Nephrologists. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 2564-2566.  | 4.5 | 13        |
| 93  | Collecting duct-specific knockout of nitric oxide synthase 3 impairs water excretion in a sex-dependent manner. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F1074-F1083.                                       | 2.7 | 13        |
| 94  | Cellular localization of adenosine receptors in the rat kidney and their functional significance in the inner medullary collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F1298-F1305.              | 2.7 | 12        |
| 95  | The Effect of Atrasentan on Kidney and Heart Failure Outcomes by Baseline Albuminuria and Kidney Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1824-1832.                                   | 4.5 | 11        |
| 96  | Effect of mineralocorticoid treatment in mice with collecting duct-specific knockout of endothelin-1. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F1026-F1034.   | 2.7 | 10        |
| 97  | Inter-individual variability in atrasentan exposure partly explains variability in kidney protection and fluid retention responses: A post hoc analysis of the SONAR trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 561-568. | 4.4 | 10        |
| 98  | The Chronic Kidney Disease Epidemic: A Challenge for Nephrology Training Programs. <i>Seminars in Nephrology</i> , 2009, 29, 539-547.  | 1.6 | 9         |
| 99  | Endothelin Receptor Antagonists: New Hope for Renal Protection?. <i>Current Hypertension Reports</i> , 2015, 17, 57.   | 3.5 | 9         |
| 100 | Novel Regulation of Endothelin-1 Promoter Activity by Protein Kinase C. <i>Cell Biochemistry and Biophysics</i> , 2011, 61, 643-650.   | 1.8 | 8         |
| 101 | Adenylyl cyclase 4 does not regulate collecting duct water and sodium handling. <i>Physiological Reports</i> , 2014, 2, e00277.  | 1.7 | 8         |
| 102 | Osmolar regulation of endothelin-1 production by the inner medullary collecting duct. <i>Life Sciences</i> , 2016, 159, 135-139.   | 4.3 | 8         |
| 103 | Adenosine triphosphate inhibits endothelin-1 production by rat inner medullary collecting duct cells. <i>Experimental Biology and Medicine</i> , 2006, 231, 1006-9.  | 2.4 | 8         |
| 104 | Role for reactive oxygen species in flow-stimulated inner medullary collecting duct endothelin-1 production. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F514-F521.  | 2.7 | 7         |
| 105 | Endothelin Receptor Blockade in Patients with Diabetic Nephropathy. <i>Contributions To Nephrology</i> , 2011, 172, 235-242.   | 1.1 | 6         |
| 106 | Longitudinal Assessment of the Effect of Atrasentan on Thoracic Bioimpedance in Diabetic Nephropathy: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Drugs in R and D</i> , 2017, 17, 441-448.                                 | 2.2 | 6         |
| 107 | Nephron-Specific Disruption of Polycystin-1 Induces Cyclooxygenase-2-Mediated Blood Pressure Reduction Independent of Cystogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1243-1254.                    | 6.1 | 6         |
| 108 | Characterization of flow-regulated cortical collecting duct endothelin-1 production. <i>Physiological Reports</i> , 2017, 5, e13126.   | 1.7 | 5         |

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|-----|--|-----|-----------|
| 109 | Individual Atrasentan Exposure is Associated With Long-term Kidney and Heart Failure Outcomes in Patients With Type 2 Diabetes and Chronic Kidney Disease. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1631-1638.             | 4.7 | 5         |
| 110 | Novel Mechanism for Regulation of Endothelin Synthesis: Role of Extracellular pH. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 117-122.   | 1.6 | 4         |
| 111 | Comparison of exposure response relationship of atrasentan between North American and Asian populations. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 545-552.  | 4.4 | 4         |
| 112 | Deletion of the Gamma Subunit of ENaC in Endothelial Cells Does Not Protect against Renal Ischemia Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10914.   | 4.1 | 4         |
| 113 | Lack of renoprotective effects of targeting the endothelin A receptor and (or) sodium glucose transporter 2 in a mouse model of Type 2 diabetic kidney disease. <i>Canadian Journal of Physiology and Pharmacology</i> , 2022, 100, 763-771. | 1.4 | 4         |
| 114 | Mechanism of Vasopressin-Induced Contraction of Renal Medullary Interstitial Cells. <i>Nephron Physiology</i> , 2006, 103, p119-p124.  | 1.2 | 3         |
| 115 | The Changing Phenotype of Academic Nephrology—A Future at Risk?. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 2051-2058.  | 4.5 | 3         |
| 116 | Lack of an effect of nephron-specific deletion of adenylyl cyclase 3 on renal sodium and water excretion or arterial pressure. <i>Physiological Reports</i> , 2015, 3, e12316.   | 1.7 | 3         |
| 117 | Identification of NFAT5 as a transcriptional regulator of the <i>EDN1</i> gene in collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F481-F487.  | 2.7 | 3         |
| 118 | Renomedullary Interstitial Cell Endothelin A Receptors Regulate BP and Renal Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1555-1568.   | 6.1 | 3         |
| 119 | Sex-Dependent Effects of Nephron Ift88 Disruption on BP, Renal Function, and Cystogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2210-2222.   | 6.1 | 3         |
| 120 | Multiomic identification of factors associated with progression to cystic kidney disease in mice with nephron Ift88 disruption. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, F175-F192.                             | 2.7 | 3         |
| 121 | Introduction: Basic Biology of the Renal Endothelin System. <i>Seminars in Nephrology</i> , 2015, 35, 121-124.   | 1.6 | 2         |
| 122 | Aldosterone does not alter endothelin B receptor signaling in the inner medullary collecting duct. <i>Physiological Reports</i> , 2017, 5, e13167.   | 1.7 | 2         |
| 123 | Identification of adenylyl cyclase isoforms mediating parathyroid hormone- and calcitonin-stimulated cyclic AMP accumulation in distal tubule cells. <i>BMC Nephrology</i> , 2017, 18, 292.  | 1.8 | 2         |
| 124 | Kidney cell-specific knockdown: anything but simple. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F1007-F1008.  | 2.7 | 1         |
| 125 | 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. <i>FASEB Journal</i> , 2007, 21, A905.  | 0.5 | 1         |
| 126 | Profiling renal sodium transporters in mice with nephron Ift88 disruption: Association with sex, cysts, and blood pressure. <i>Physiological Reports</i> , 2022, 10, e15206.   | 1.7 | 1         |



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|-----|--|-----|-----------|
| 127 | Bioimpedance Spectroscopy for the Estimation of Body Fluid Volumes in Mice. FASEB Journal, 2010, 24, 1025.2.   | 0.5 | 0         |
| 128 | Flow regulation of endothelin-1 production in the collecting duct. FASEB Journal, 2011, 25, 1079.11.   | 0.5 | 0         |
| 129 | Collecting duct endothelin system and renal water transport. FASEB Journal, 2011, 25, 1079.12.   | 0.5 | 0         |
| 130 | Collecting Duct-Specific Knockout of Adenylyl Cyclase Type VI Causes Urinary Concentration Defect in Mice. FASEB Journal, 2011, 25, 10643.                               | 0.5 | 0         |
| 131 | Adenylyl cyclase VI is necessary for AVP stimulation of ENaC. FASEB Journal, 2013, 27, 911.3.  | 0.5 | 0         |
| 132 | Flow stimulates inner medullary collecting duct endothelin-1 production. FASEB Journal, 2013, 27, 911.8.   | 0.5 | 0         |
| 133 | Response of intercalated cell BK $\beta$ knockout mice to a high K diet. FASEB Journal, 2018, 32, 624.25.  | 0.5 | 0         |
| 134 | Nephron-wide deletion of NOS3 impairs salt excretion and causes hypertension during high salt intake via altered NKCC2 activity. FASEB Journal, 2018, 32, 716.4.         | 0.5 | 0         |
| 135 | Phenotyping a Mouse with Vascular Smooth Muscle Specific Deletion of the Gamma Subunit of the Epithelial Sodium Channel ( $\beta$ ENaC). FASEB Journal, 2019, 33, 748.7. | 0.5 | 0         |