

# Jaap A Joles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8409300/publications.pdf>

Version: 2024-02-01

215  
papers

8,768  
citations

41344

49  
h-index

54911

84  
g-index

216  
all docs

216  
docs citations

216  
times ranked

10904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postprandial renal haemodynamic effects of the dipeptidyl peptidase-4 inhibitor linagliptin versus the sulphonylurea glimepiride in adults with type 2 diabetes (<scp>RENALIS</scp>): A predefined substudy of a randomized, double-blind trial. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 115-124.	4.4	7
2	Albumin is an interface between blood plasma and cell membrane, and not just a sponge. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 624-634.	2.9	13
3	Kidney hemodynamic profile and systemic vascular function in adults with type 2 diabetes: Analysis of three clinical trials. <i>Journal of Diabetes and Its Complications</i> , 2022, 36, 108127.	2.3	2
4	Anemia and red blood cell deformability in proteinuric chronic kidney disease. <i>Kidney International</i> , 2022, 101, 649.	5.2	1
5	SGLT2 Inhibition and Uric Acid Excretion in Patients with Type 2 Diabetes and Normal Kidney Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, 663-671.	4.5	30
6	Whole-body insulin clearance in people with type 2 diabetes and normal kidney function: Relationship with glomerular filtration rate, renal plasma flow, and insulin sensitivity. <i>Journal of Diabetes and Its Complications</i> , 2022, 36, 108166.	2.3	1
7	Multiparametric Renal MRI: An Intrasubject Test-Retest Repeatability Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 859-873.	3.4	26
8	Validation of multiparametric MRI by histopathology after nephrectomy: a case study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 377-387.	2.0	2
9	Tailoring cardiopulmonary bypass pump flow and mean arterial pressure to maintain renal oxygenation. <i>Acta Physiologica</i> , 2021, 231, e13619.	3.8	3
10	A plasma creatinine- and urea-based equation to estimate glomerular filtration rate in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F518-F524.	2.7	28
11	Fighting Oxidative Stress with Sulfur: Hydrogen Sulfide in the Renal and Cardiovascular Systems. <i>Antioxidants</i> , 2021, 10, 373.	5.1	40
12	Dietary salt modifies the blood pressure response to renin-angiotensin inhibition in experimental chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F654-F668.	2.7	8
13	A Uremic Goat Model Created by Subtotal Renal Artery Embolization and Gentamicin. <i>Biology</i> , 2021, 10, 292.	2.8	3
14	Cardiac Protection by Oral Sodium Thiosulfate in a Rat Model of L-NNA-Induced Heart Disease. <i>Frontiers in Pharmacology</i> , 2021, 12, 650968.	3.5	12
15	The effect of liraglutide and sitagliptin on oxidative stress in persons with type 2 diabetes. <i>Scientific Reports</i> , 2021, 11, 10624.	3.3	8
16	Simplified Iohexol-Based Method for Measurement of Glomerular Filtration Rate in Goats and Pigs. <i>Biology</i> , 2021, 10, 461.	2.8	3
17	Skin microvascular function and renal hemodynamics in overweight patients with type 2 diabetes: A cross-sectional study. <i>Microcirculation</i> , 2021, 28, e12700.	1.8	1
18	Kidney hemodynamic function in men and postmenopausal women with type 2 diabetes and preserved kidney function. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F1152-F1158.	2.7	2

#	ARTICLE	IF	CITATIONS
19	Mildly Increased Renin Expression in the Absence of Kidney Injury in the Murine Transverse Aortic Constriction Model. <i>Frontiers in Pharmacology</i> , 2021, 12, 614656.	3.5	0
20	Safety of electrooxidation for urea removal in a wearable artificial kidney is compromised by formation of glucose degradation products. <i>Artificial Organs</i> , 2021, 45, 1422-1428.	1.9	8
21	A systematic review and meta-analysis of COVID-19 in kidney transplant recipients: Lessons to be learned. <i>American Journal of Transplantation</i> , 2021, 21, 3936-3945.	4.7	76
22	Reduced nitric oxide bioavailability impairs myocardial oxygen balance during exercise in swine with multiple risk factors. <i>Basic Research in Cardiology</i> , 2021, 116, 50.	5.9	2
23	Reduced nitric oxide bioavailability impairs myocardial oxygen balance during exercise in swine with multiple risk factors. <i>Basic Research in Cardiology</i> , 2021, 116, 50.	5.9	7
24	Renal sinus fat and renal hemodynamics: a cross-sectional analysis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 73-80.	2.0	39
25	The renal hemodynamic effects of the SGLT2 inhibitor dapagliflozin are caused by post-glomerular vasodilatation rather than pre-glomerular vasoconstriction in metformin-treated patients with type 2 diabetes in the randomized, double-blind RED trial. <i>Kidney International</i> , 2020, 97, 202-212.	5.2	225
26	Insulin Sensitivity and Renal Hemodynamic Function in Metformin-Treated Adults With Type 2 Diabetes and Preserved Renal Function. <i>Diabetes Care</i> , 2020, 43, 228-234.	8.6	14
27	Special issue on magnetic resonance imaging biomarkers of renal disease. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 1-2.	2.0	1
28	Angiotensinâ€“neprilysin inhibition confers renoprotection in rats with diabetes and hypertension by limiting podocyte injury. <i>Journal of Hypertension</i> , 2020, 38, 755-764.	0.5	27
29	Decreased native renal T<sub>1</sub> up to one week after gadobutrol administration in healthy volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 622-631.	3.4	6
30	Role of the Carotid Body in an Ovine Model of Renovascular Hypertension. <i>Hypertension</i> , 2020, 76, 1451-1460.	2.7	7
31	GlucosuriaÂ“Interferes With Measurement of Effective Renal Plasma Flow Using para-Aminohippuric Acid, With aÂ“Focus on SGLT2 Inhibitors. <i>Kidney International Reports</i> , 2020, 5, 2052-2054.	0.8	2
32	Developmental programming in human umbilical cord vein endothelial cells following fetal growth restriction. <i>Clinical Epigenetics</i> , 2020, 12, 185.	4.1	8
33	Evaluation of a system for sorbentâ€“assisted peritoneal dialysis in a uremic pig model. <i>Physiological Reports</i> , 2020, 8, e14593.	1.7	7
34	Perturbations in myocardial perfusion and oxygen balance in swine with multiple risk factors: a novel model of ischemia and no obstructive coronary artery disease. <i>Basic Research in Cardiology</i> , 2020, 115, 21.	5.9	32
35	Effects of dapagliflozin and gliclazide on the cardiorenal axis in people with type 2 diabetes. <i>Journal of Hypertension</i> , 2020, 38, 1811-1819.	0.5	17
36	Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Extracellular Matrix Remodeling during Left Ventricular Diastolic Dysfunction and Heart Failure with Preserved Ejection Fraction: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6742.	4.1	19

#	ARTICLE	IF	CITATIONS
37	Effects of DPP-4 Inhibitor Linagliptin Versus Sulfonylurea Glimepiride as Add-on to Metformin on Renal Physiology in Overweight Patients With Type 2 Diabetes (RENALIS): A Randomized, Double-Blind Trial. <i>Diabetes Care</i> , 2020, 43, 2889-2893.	8.6	10
38	Prenatal Amino Acid Supplementation to Improve Fetal Growth: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020, 12, 2535.	4.1	20
39	Both male and female obese ZSF1 rats develop cardiac dysfunction in obesity-induced heart failure with preserved ejection fraction. <i>PLoS ONE</i> , 2020, 15, e0232399.	2.5	26
40	In vitro efficacy and safety of a system for sorbent-assisted peritoneal dialysis. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F162-F170.	2.7	5
41	Renal hemodynamic effects of sodium-glucose cotransporter 2 inhibitors in hyperfiltering people with type 1 diabetes and people with type 2 diabetes and normal kidney function. <i>Kidney International</i> , 2020, 97, 631-635.	5.2	29
42	Sodium thiosulfate improves renal function and oxygenation in L-NNA-induced hypertension in rats. <i>Kidney International</i> , 2020, 98, 366-377.	5.2	25
43	Unraveling the role of thiosulfate sulfurtransferase in metabolic diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165716.	3.8	39
44	Sodium Thiosulfate in the Pregnant Dahl Salt-Sensitive Rat, a Model of Preeclampsia. <i>Biomolecules</i> , 2020, 10, 302.	4.0	15
45	Conflicting Effects of Fetal Growth Restriction on Blood Pressure Between Human and Rat Offspring. <i>Hypertension</i> , 2020, 75, 806-818.	2.7	10
46	Longitudinal follow-up of kidney function in patients with a history of preeclampsia: From 11 to 18 years postpartum. <i>Pregnancy Hypertension</i> , 2020, 19, 187-189.	1.4	0
47	Dissociation between hypertrophy and fibrosis in the left ventricle early after experimental kidney transplantation. <i>Journal of Hypertension</i> , 2020, 38, 489-503.	0.5	0
48	Limited synergy of obesity and hypertension, prevalent risk factors in onset and progression of heart failure with preserved ejection fraction. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6666-6678.	3.6	19
49	Epoetin Beta and Terminal Fibroblast Growth Factor 23 in Patients With Chronic Heart Failure and Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e011130.	3.7	15
50	Assessment of real-time and quantitative changes in renal hemodynamics in healthy overweight males: Contrast-enhanced ultrasonography vs para-aminohippuric acid clearance. <i>Microcirculation</i> , 2019, 26, e12580.	1.8	5
51	The incretin pathway as a therapeutic target in diabetic kidney disease: a clinical focus on GLP-1 receptor agonists. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2019, 10, 204201881986539.	3.2	17
52	Chronic Kidney Disease as a Risk Factor for Heart Failure With Preserved Ejection Fraction: A Focus on Microcirculatory Factors and Therapeutic Targets. <i>Frontiers in Physiology</i> , 2019, 10, 1108.	2.8	49
53	Adjusting cardiopulmonary bypass flow or arterial pressure to maintain renal medullary oxygen. <i>Kidney International</i> , 2019, 95, 1292-1293.	5.2	3
54	Prenatal Sildenafil Therapy Improves Cardiovascular Function in Fetal Growth Restricted Offspring of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2019, 73, 1120-1127.	2.7	17

#	ARTICLE	IF	CITATIONS
55	Measuring systolic and diastolic blood pressure in rodents. <i>Kidney International</i> , 2019, 96, 1424-1425.	5.2	0
56	Renal tubular effects of prolonged therapy with the GLP-1 receptor agonist lixisenatide in patients with type 2 diabetes mellitus. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F231-F240.	2.7	24
57	Direct Recording of Cardiac and Renal Sympathetic Nerve Activity Shows Differential Control in Renovascular Hypertension. <i>Hypertension</i> , 2018, 71, 1108-1116.	2.7	16
58	From portable dialysis to a bioengineered kidney. <i>Expert Review of Medical Devices</i> , 2018, 15, 323-336.	2.8	57
59	Multiple common comorbidities produce left ventricular diastolic dysfunction associated with coronary microvascular dysfunction, oxidative stress, and myocardial stiffening. <i>Cardiovascular Research</i> , 2018, 114, 954-964.	3.8	148
60	Effect of immediate and prolonged GLP-1 receptor agonist administration on uric acid and kidney clearance: Post hoc analyses of four clinical trials. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1235-1245.	4.4	23
61	Albumin handling in different hemodialysis modalities. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 906-913.	0.7	47
62	Chromatin Conformation Links Distal Target Genes to CKD Loci. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 462-476.	6.1	21
63	SP482A UREMIC GOAT MODEL CREATED BY SUBTOTAL RENAL ARTERY EMBOLIZATION. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i510-i511.	0.7	0
64	No improvement of pregnancy outcomes in first STRIDER trial: result of a low dose?. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, e11.	5.6	3
65	Angiotensin II-induced hypertension in rats is only transiently accompanied by lower renal oxygenation. <i>Scientific Reports</i> , 2018, 8, 16342.	3.3	9
66	Elevated renal tissue oxygenation in premature fetal growth restricted neonates: An observational study. <i>PLoS ONE</i> , 2018, 13, e0204268.	2.5	15
67	Nitric Oxide Synthase Inhibition Induces Renal Medullary Hypoxia in Conscious Rats. <i>Journal of the American Heart Association</i> , 2018, 7, e009501.	3.7	11
68	FP448A MINIATURE ARTIFICIAL KIDNEY FOR PERITONEAL DIALYSIS - WEAKID. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i186-i186.	0.7	3
69	SP073IN OBESE ZSF1 RATS, FEMALES SHOW INCREASED SALT-SENSITIVITY COMPARED TO MALES. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i370-i370.	0.7	0
70	Dissecting recipient from donor contribution in experimental kidney transplantation: focus on endothelial proliferation and inflammation. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	8
71	Overweight young female kidney donors have low renal functional reserve postdonation. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F454-F459.	2.7	9
72	Magnetic resonance imaging biomarkers for chronic kidney disease: a position paper from the European Cooperation in Science and Technology Action PARENCHIMA. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, ii4-ii14.	0.7	91

#	ARTICLE	IF	CITATIONS
73	Removal of urea by electro-oxidation in a miniature dialysis device: a study in awake goats. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1385-F1397.	2.7	12
74	Lixisenatide Versus Insulin Glulisine on Fasting and Postbreakfast Systemic Hemodynamics in Type 2 Diabetes Mellitus Patients. <i>Hypertension</i> , 2018, 72, 314-322.	2.7	9
75	Glomerular Hyperfiltration in Diabetes: Mechanisms, Clinical Significance, and Treatment. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1023-1039.	6.1	528
76	Targeting multiple pathways reduces renal and cardiac fibrosis in rats with subtotal nephrectomy followed by coronary ligation. <i>Acta Physiologica</i> , 2017, 220, 382-393.	3.8	10
77	Exposure to placental ischemia impairs postpartum maternal renal and cardiac function in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R664-R670.	1.8	25
78	Postprandial renal haemodynamic effect of lixisenatide vs once-daily insulin-glulisine in patients with type 2 diabetes on insulin-glargine: An 8-week, randomised, open-label trial. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1669-1680.	4.4	52
79	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	9.0	242
80	Sildenafil During Pregnancy. <i>Hypertension</i> , 2017, 70, 998-1006.	2.7	69
81	T-cells contribute to hypertension but not to renal injury in mice with subtotal nephrectomy. <i>BMC Nephrology</i> , 2017, 18, 153.	1.8	4
82	Circadian Rhythm in Kidney Tissue Oxygenation in the Rat. <i>Frontiers in Physiology</i> , 2017, 8, 205.	2.8	20
83	Innovative Perspective: Gadolinium-Free Magnetic Resonance Imaging in Long-Term Follow-Up after Kidney Transplantation. <i>Frontiers in Physiology</i> , 2017, 8, 296.	2.8	9
84	GLP-1 and the kidney: from physiology to pharmacology and outcomes in diabetes. <i>Nature Reviews Nephrology</i> , 2017, 13, 605-628.	9.6	233
85	Reprogramming: A Preventive Strategy in Hypertension Focusing on the Kidney. <i>International Journal of Molecular Sciences</i> , 2016, 17, 23.	4.1	79
86	Hydrogen sulfide in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2016, 25, 107-113.	2.0	66
87	Combining sodium-dependent glucose co-transporter 2 inhibition with conventional diuretics. <i>Journal of Hypertension</i> , 2016, 34, 833-835.	0.5	0
88	Central role for melanocortin-4 receptors in offspring hypertension arising from maternal obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12298-12303.	7.1	28
89	Age-dependent shifts in renal response to injury relate to altered BMP6/CTGF expression and signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F926-F934.	2.7	14
90	High-Normal Estimated Glomerular Filtration Rate in Early-Onset Preeclamptic Women 10 Years Postpartum. <i>Hypertension</i> , 2016, 68, 1407-1414.	2.7	8

#	ARTICLE	IF	CITATIONS
91	Acute renal effects of the GLP-1 receptor agonist exenatide in overweight type 2 diabetes patients: a randomised, double-blind, placebo-controlled trial. <i>Diabetologia</i> , 2016, 59, 1412-1421.	6.3	94
92	Distinct Endothelial Cell Responses in the Heart and Kidney Microvasculature Characterize the Progression of Heart Failure With Preserved Ejection Fraction in the Obese ZSF1 Rat With Cardiorenal Metabolic Syndrome. <i>Circulation: Heart Failure</i> , 2016, 9, e002760.	3.9	62
93	Renal Effects of DPP-4 Inhibitor Sitagliptin or GLP-1 Receptor Agonist Liraglutide in Overweight Patients With Type 2 Diabetes: A 12-Week, Randomized, Double-Blind, Placebo-Controlled Trial. <i>Diabetes Care</i> , 2016, 39, 2042-2050.	8.6	81
94	Exogenous and endogenous angiotensin $\text{\AA}$ decrease renal cortical oxygen tension in conscious rats by limiting renal blood flow. <i>Journal of Physiology</i> , 2016, 594, 6287-6300.	2.9	25
95	Cardiac Hcpidin Expression Associates with Injury Independent of Iron. <i>American Journal of Nephrology</i> , 2016, 44, 368-378.	3.1	18
96	A regenerable potassium and phosphate sorbent system to enhance dialysis efficacy and device portability: a study in awake goats. <i>Nephrology Dialysis Transplantation</i> , 2016, 32, gfw108.	0.7	3
97	Perinatal Inhibition of NF-KappaB Has Long-Term Antihypertensive and Renoprotective Effects in Fawn-Hooded Hypertensive Rats. <i>American Journal of Hypertension</i> , 2016, 29, 123-131.	2.0	16
98	Absence of structural lesions in human renal arcuate arteries after LVAD implantation: response to a letter regarding "left ventricular assist devices: a kidney's perspective". <i>Heart Failure Reviews</i> , 2015, 20, 753-754.	3.9	2
99	Neuronal Nitric Oxide Synthase-Dependent Amelioration of Diastolic Dysfunction in Rats with Chronic Renocardiac Syndrome. <i>CardioRenal Medicine</i> , 2015, 5, 69-78.	1.9	4
100	Elevated Urinary Connective Tissue Growth Factor in Diabetic Nephropathy Is Caused by Local Production and Tubular Dysfunction. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-11.	2.3	18
101	Ex vivo exposure of bone marrow from chronic kidney disease donor rats to pravastatin limits renal damage in recipient rats with chronic kidney disease. <i>Stem Cell Research and Therapy</i> , 2015, 6, 63.	5.5	7
102	Oleic acid increases mitochondrial reactive oxygen species production and decreases endothelial nitric oxide synthase activity in cultured endothelial cells. <i>European Journal of Pharmacology</i> , 2015, 751, 67-72.	3.5	36
103	Renal transplantation induces mitochondrial uncoupling, increased kidney oxygen consumption, and decreased kidney oxygen tension. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F22-F28.	2.7	24
104	Cell-based therapies for experimental chronic kidney disease: a systematic review and meta-analysis. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 281-93.	2.4	81
105	Arrhythmogenic Remodeling in Murine Models of Deoxycorticosterone Acetate-Salt-Induced and 5/6-Subtotal Nephrectomy-Salt-Induced Cardiorenal Disease. <i>CardioRenal Medicine</i> , 2015, 5, 208-218.	1.9	10
106	dl-propargylglycine reduces blood pressure and renal injury but increases kidney weight in angiotensin-II infused rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 49, 56-66.	2.7	22
107	Creating a wearable artificial kidney: where are we now?. <i>Expert Review of Medical Devices</i> , 2015, 12, 373-376.	2.8	29
108	Beneficial effects of diminished production of hydrogen sulfide or carbon monoxide on hypertension and renal injury induced by NO withdrawal. <i>British Journal of Pharmacology</i> , 2015, 172, 1607-1619.	5.4	31

#	ARTICLE	IF	CITATIONS
109	Protective role of female gender in programmed accelerated renal aging in the rat. <i>Physiological Reports</i> , 2015, 3, e12342.	1.7	23
110	Hydrogen sulfide: physiological properties and therapeutic potential in ischaemia. <i>British Journal of Pharmacology</i> , 2015, 172, 1479-1493.	5.4	54
111	The importance of intake: a gut feeling. <i>Annals of Translational Medicine</i> , 2015, 3, 49.	1.7	4
112	Telemetry-based Recording of Renal Cortex Oxygenation During Endogenous RAS Activation: Preliminary Observations. <i>FASEB Journal</i> , 2015, 29, 963.3.	0.5	0
113	Comparative physiology and hyperuricemia as a causal factor for hypertension. <i>Obesity</i> , 2014, 22, 623-623.	3.0	0
114	Cardiorenal syndrome—current understanding and future perspectives. <i>Nature Reviews Nephrology</i> , 2014, 10, 48-55.	9.6	114
115	Circulating angiotensin-like 4 links proteinuria with hypertriglyceridemia in nephrotic syndrome. <i>Nature Medicine</i> , 2014, 20, 37-46.	30.7	140
116	Removal of Urea in a Wearable Dialysis Device: A Reappraisal of Electro-Oxidation. <i>Artificial Organs</i> , 2014, 38, 998-1006.	1.9	53
117	Maintenance of Hypertensive Hemodynamics Does Not Depend on ROS in Established Experimental Chronic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e88596.	2.5	9
118	Haemodynamic influences on kidney oxygenation: Clinical implications of integrative physiology. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 106-122.	1.9	209
119	Ischemia and Reactive Oxygen Species in Sympathetic Hyperactivity States: A Vicious Cycle that can be Interrupted by Renal Denervation?. <i>Current Hypertension Reports</i> , 2013, 15, 313-320.	3.5	9
120	Can exercise partly cure the cardiorenal syndrome?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 600-601.	1.9	1
121	Mixed matrix hollow fiber membranes for removal of protein-bound toxins from human plasma. <i>Biomaterials</i> , 2013, 34, 7819-7828.	11.4	124
122	The nephron number counts—from womb to tomb. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 1325-1328.	0.7	12
123	A regenerable potassium and phosphate sorbent system to enhance dialysis efficacy and device portability: an in vitro study. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2364-2371.	0.7	13
124	5/6th Nephrectomy in Combination with High Salt Diet and Nitric Oxide Synthase Inhibition to Induce Chronic Kidney Disease in the Lewis Rat. <i>Journal of Visualized Experiments</i> , 2013, , e50398.	0.3	17
125	Bone marrow cell therapy in hypertensive kidney disease. <i>Journal of Hypertension</i> , 2013, 31, 1052-1054.	0.5	1
126	Telemetry-based oxygen sensor to continuously monitor renal cortical oxygenation in the conscious rat. <i>FASEB Journal</i> , 2013, 27, 1110.11.	0.5	0



#	ARTICLE	IF	CITATIONS
127	ACE Inhibition in Anti-Thy1 Glomerulonephritis Limits Proteinuria but Does Not Improve Renal Function and Structural Remodeling. <i>Nephron Extra</i> , 2012, 2, 9-16.	1.1	5
128	Biological and Technical Considerations Regarding the Removal of Bacteriotoxins in Sepsis With Emphasis on Toxic Shock Syndrome Toxin I. <i>Shock</i> , 2012, 37, 247-252.	2.1	6
129	Healthy Bone Marrow Cells Reduce Progression of Kidney Failure Better than CKD Bone Marrow Cells in Rats with Established Chronic Kidney Disease. <i>Cell Transplantation</i> , 2012, 21, 2299-2312.	2.5	48
130	Renal denervation in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2012, 8, 439-440.	9.6	14
131	Target organ cross talk in cardiorenal syndrome: animal models. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1253-F1263.	2.7	77
132	Early determinants of cardiovascular disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 581-597.	4.7	49
133	Human Embryonic Mesenchymal Stem Cell-Derived Conditioned Medium Rescues Kidney Function in Rats with Established Chronic Kidney Disease. <i>PLoS ONE</i> , 2012, 7, e38746.	2.5	173
134	FAN1 mutations cause karyomegalic interstitial nephritis, linking chronic kidney failure to defective DNA damage repair. <i>Nature Genetics</i> , 2012, 44, 910-915.	21.4	205
135	Systemic arterial and venous determinants of renal hemodynamics in congestive heart failure. <i>Heart Failure Reviews</i> , 2012, 17, 161-175.	3.9	83
136	A novel approach for blood purification: Mixed-matrix membranes combining diffusion and adsorption in one step. <i>Acta Biomaterialia</i> , 2012, 8, 2279-2287.	8.3	108
137	Effect of GFR on Plasma N-Terminal Connective Tissue Growth Factor (CTGF) Concentrations. <i>American Journal of Kidney Diseases</i> , 2012, 59, 619-627.	1.9	21
138	Variation in kidney oxygenation: towards long-term recording by telemetry. <i>FASEB Journal</i> , 2012, 26, 684.2.	0.5	0
139	Telemetry-based oxygen sensor to continuously monitor kidney oxygenation in conscious rats. <i>FASEB Journal</i> , 2012, 26, 690.6.	0.5	0
140	Loss of Endogenous Bone Morphogenetic Protein-6 Aggravates Renal Fibrosis. <i>American Journal of Pathology</i> , 2011, 178, 1069-1079.	3.8	58
141	Perinatal Exogenous Nitric Oxide in Fawn-Hooded Hypertensive Rats Reduces Renal Ribosomal Biogenesis in Early Life. <i>Frontiers in Genetics</i> , 2011, 2, 52.	2.3	12
142	Perinatal inhibition of NF-kappaB has long-term antihypertensive effects in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2011, 29, 1160-1166.	0.5	25
143	Oxidative stress in obstructive nephropathy. <i>International Journal of Experimental Pathology</i> , 2011, 92, 202-210.	1.3	100
144	Crossing Borders: Linking Environmental and Genetic Developmental Factors. <i>Microcirculation</i> , 2011, 18, 298-303.	1.8	12

#	ARTICLE	IF	CITATIONS
145	Soluble epoxide hydrolase in the generation and maintenance of high blood pressure in spontaneously hypertensive rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E691-E698.	3.5	51
146	LLAMA HEAVY-CHAIN ANTIBODY FRAGMENTS EFFICIENTLY REMOVE TOXIC SHOCK SYNDROME TOXIN 1 FROM PLASMA IN VITRO BUT NOT IN EXPERIMENTAL PORCINE SEPTIC SHOCK. <i>Shock</i> , 2010, 34, 125-132.	2.1	3
147	Renal Sinus Adiposity and Hypertension. <i>Hypertension</i> , 2010, 56, 814-815.	2.7	7
148	The nitric oxide donor molsidomine rescues cardiac function in rats with chronic kidney disease and cardiac dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H2037-H2045.	3.2	24
149	Perinatal Micronutrient Supplements Ameliorate Hypertension and Proteinuria in Adult Fawn-Hooded Hypertensive Rats. <i>American Journal of Hypertension</i> , 2010, 23, 802-808.	2.0	22
150	Involvement of Connective Tissue Growth Factor in Human and Experimental Hypertensive Nephrosclerosis. <i>Nephron Experimental Nephrology</i> , 2010, 117, e9-e20.	2.2	24
151	Erythropoietin treatment in patients with combined heart and renal failure: objectives and design of the EPOCARES study. <i>Journal of Nephrology</i> , 2010, 23, 363-8.	2.0	15
152	Taurine. <i>Hypertension</i> , 2009, 53, 909-911.	2.7	11
153	Consequences of perinatal treatment with L-arginine and antioxidants for the renal transcriptome in spontaneously hypertensive rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 513-524.	2.8	14
154	Detection of basal NO production in rat tissues using iron-dithiocarbamate complexes. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 18, 279-286.	2.7	23
155	Blood pressure follows the kidney. <i>Organogenesis</i> , 2008, 4, 153-157.	1.2	6
156	A perinatal nitric oxide donor increases renal vascular resistance and ameliorates hypertension and glomerular injury in adult fawn-hooded hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1847-R1855.	1.8	23
157	CTGF Inhibits BMP-7 Signaling in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2098-2107.	6.1	123
158	Toll-Like Receptor 4 Mediates Maladaptive Left Ventricular Remodeling and Impairs Cardiac Function After Myocardial Infarction. <i>Circulation Research</i> , 2008, 102, 257-264.	4.5	298
159	Maternal Supplementation With Citrulline Increases Renal Nitric Oxide in Young Spontaneously Hypertensive Rats and Has Long-Term Antihypertensive Effects. <i>Hypertension</i> , 2007, 50, 1077-1084.	2.7	75
160	Technology Insight: innovative options for end-stage renal disease—from kidney refurbishment to artificial kidney. <i>Nature Clinical Practice Nephrology</i> , 2007, 3, 564-572.	2.0	10
161	Transcriptome-based identification of pro- and antioxidative gene expression in kidney cortex of nitric oxide-depleted rats. <i>Physiological Genomics</i> , 2007, 28, 158-167.	2.3	21
162	Statins and small GTPases: Koch's postulates and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 433-438.	0.7	3

#	ARTICLE	IF	CITATIONS
163	Mixed Proximal And Distal Renal Tubular Acidosis Without Aminoaciduria In A Mare. Journal of Veterinary Internal Medicine, 2007, 21, 1121.	1.6	9
164	Low albumin levels increase endothelial NO production and decrease vascular NO sensitivity. Nephrology Dialysis Transplantation, 2006, 21, 3443-3449.	0.7	13
165	In mice, proteinuria and renal inflammatory responses to albumin overload are strain-dependent. Nephrology Dialysis Transplantation, 2006, 21, 591-597.	0.7	66
166	Tetrahydrobiopterin, but Not L-Arginine, Decreases NO Synthase Uncoupling in Cells Expressing High Levels of Endothelial NO Synthase. Hypertension, 2006, 47, 87-94.	2.7	114
167	Blood Pressure in Mutant Rats Lacking the 5-Hydroxytryptamine Transporter. Hypertension, 2006, 48, e115-6; author reply e117.	2.7	19
168	Role of Circulating Karyocytes in the Initiation and Progression of Atherosclerosis. Hypertension, 2006, 47, 803-810.	2.7	21
169	Programming blood pressure in adult SHR by shifting perinatal balance of NO and reactive oxygen species toward NO: the inverted Barker phenomenon. American Journal of Physiology - Renal Physiology, 2005, 288, F626-F636.	2.7	74
170	The severe cardiorenal syndrome: Guyton revisited™. European Heart Journal, 2005, 26, 11-17.	2.2	415
171	Nitric Oxide-Dependent and Nitric Oxide-Independent Transcriptional Responses to High Shear Stress in Endothelial Cells. Hypertension, 2005, 45, 672-680.	2.7	29
172	Perinatal L-Arginine and Antioxidant Supplements Reduce Adult Blood Pressure in Spontaneously Hypertensive Rats. Hypertension, 2004, 44, 83-88.	2.7	107
173	Broadly Altered Gene Expression in Blood Leukocytes in Essential Hypertension Is Absent During Treatment. Hypertension, 2004, 43, 947-951.	2.7	73
174	Hypercholesterolemia in Rats Induces Podocyte Stress and Decreases Renal Cortical Nitric Oxide Synthesis via an Angiotensin II Type 1 Receptor-Sensitive Mechanism. Journal of the American Society of Nephrology: JASN, 2004, 15, 949-957.	6.1	29
175	Sympathetic Hyperactivity in Chronic Renal Failure. Journal of the American Society of Nephrology: JASN, 2004, 15, 524-537.	6.1	183
176	Causes and Consequences of Increased Sympathetic Activity in Renal Disease. Hypertension, 2004, 43, 699-706.	2.7	153
177	Temporary losartan or captopril in young SHR induces malignant hypertension despite initial normotension. Kidney International, 2004, 65, 575-581.	5.2	29
178	The role of nitric oxide in renal transplantation. Seminars in Nephrology, 2004, 24, 379-388.	1.6	22
179	Hypoxanthine plus xanthine oxidase causes profound natriuresis without affecting renal blood flow autoregulation. Kidney International, 2003, 64, 226-231.	5.2	15
180	Bone-Marrow-Derived Cells Contribute to Glomerular Endothelial Repair in Experimental Glomerulonephritis. American Journal of Pathology, 2003, 163, 553-562.	3.8	166

#	ARTICLE	IF	CITATIONS
181	Male gender increases sensitivity to renal injury in response to cholesterol loading. American Journal of Physiology - Renal Physiology, 2003, 284, F718-F726.	2.7	27
182	Hypoalbuminaemia enhances the renal vasoconstrictor effect of lysophosphatidylcholine. Nephrology Dialysis Transplantation, 2003, 18, 1485-1492.	0.7	12
183	NO dependency of RBF and autoregulation in the spontaneously hypertensive rat. American Journal of Physiology - Renal Physiology, 2003, 285, F105-F112.	2.7	36
184	Visualizing Tubular Lipid Peroxidation in Intact Renal Tissue in Hypertensive Rats. Journal of the American Society of Nephrology: JASN, 2002, 13, 2990-2996.	6.1	22
185	Anti-inflammatory effects of tetrahydrobiopterin on early rejection in renal allografts: modulation of inducible nitric oxide synthase. FASEB Journal, 2002, 16, 1135-1137.	0.5	48
186	Inducible nitric oxide synthase in renal transplantation. Kidney International, 2002, 61, 872-875.	5.2	32
187	Proteinuria is preceded by decreased nitric oxide synthesis and prevented by a NO donor in cholesterol-fed rats. Kidney International, 2002, 61, 1776-1787.	5.2	53
188	Albumin restores lysophosphatidylcholine-induced inhibition of vasodilation in rat aorta. Kidney International, 2001, 60, 1088-1096.	5.2	24
189	Predisposition of spontaneously hypertensive rats to develop renal injury during nitric oxide synthase inhibition. European Journal of Pharmacology, 2001, 411, 175-180.	3.5	13
190	Vitamin E Alleviates Renal Injury, but Not Hypertension, during Chronic Nitric Oxide Synthase Inhibition in Rats. Journal of the American Society of Nephrology: JASN, 2001, 12, 2585-2593.	6.1	52
191	L-Arginine Supplementation Improves Function and Reduces Inflammation in Renal Allografts. Journal of the American Society of Nephrology: JASN, 2001, 12, 361-367.	6.1	39
192	Estrogen effects on triglyceride metabolism in analbuminemic rats. Kidney International, 2000, 57, 2268-2274.	5.2	20
193	CONVERSION TO MYCOPHENOLATE MOFETIL IN CONJUNCTION WITH STEPWISE WITHDRAWAL OF CYCLOSPORINE IN STABLE RENAL TRANSPLANT RECIPIENTS <sup>1</sup> . Transplantation, 2000, 69, 376-383.	1.0	66
194	Early Mechanisms of Renal Injury in Hypercholesterolemic or Hypertriglyceridemic Rats. Journal of the American Society of Nephrology: JASN, 2000, 11, 669-683.	6.1	159
195	Early-Onset But Not Late-Onset Endothelin-A <sup>1</sup> Receptor Blockade Can Modulate Hypertension, Cerebral Edema, and Proteinuria in Stroke-Prone Hypertensive Rats. Hypertension, 1999, 33, 137-144.	2.7	50
196	MRI-based quantification of cerebral edema in individual SHRSP rats using averaged criteria determined before the occurrence of edema. Magnetic Resonance Imaging, 1999, 17, 903-907.	1.8	7
197	Losartan-sensitive renal damage caused by chronic NOS inhibition does not involve increased renal angiotensin II concentrations. Kidney International, 1999, 56, 222-231.	5.2	39
198	Hypoalbuminemia increases lysophosphatidylcholine in low-density lipoprotein of normocholesterolemic subjects. Kidney International, 1999, 55, 1005-1010.	5.2	24

#	ARTICLE	IF	CITATIONS
199	Endothelial function in proteinuric renal disease. <i>Kidney International</i> , 1999, 56, S57-S61.	5.2	23
200	Estrogen induces glomerulosclerosis in analbuminemic rats. <i>Kidney International</i> , 1998, 53, 862-868.	5.2	55
201	Proteinuria Precedes Cerebral Edema in Stroke-Prone Rats. <i>Stroke</i> , 1998, 29, 167-174.	2.0	36
202	Enalapril Prevents Imminent and Reduces Manifest Cerebral Edema in Stroke-Prone Hypertensive Rats. <i>Stroke</i> , 1998, 29, 1671-1678.	2.0	44
203	EFFICACY AND MUSCLE SAFETY OF FLUVASTATIN IN CYCLOSPORINE-TREATED CARDIAC AND RENAL TRANSPLANT RECIPIENTS. <i>Transplantation</i> , 1998, 66, 1175-1181.	1.0	25
204	Hypoalbuminemia causes high blood viscosity by increasing red cell lysophosphatidylcholine. <i>Kidney International</i> , 1997, 52, 761-770.	5.2	119
205	Blood volume, colloid osmotic pressure and F-cell ratio in children with the nephrotic syndrome. <i>Kidney International</i> , 1996, 49, 1471-1477.	5.2	38
206	Non-iron mediated alteration in hepatic transferrin gene expression in the nephrotic rat. <i>Kidney International</i> , 1995, 47, 1068-1077.	5.2	15
207	Impaired endothelial function in patients with nephritic range proteinuria. <i>Kidney International</i> , 1995, 48, 544-550.	5.2	40
208	Proteinuria, lipoproteins and renal apolipoprotein deposits in uninephrectomized female analbuminemic rats. <i>Kidney International</i> , 1995, 47, 442-453.	5.2	15
209	Plasma triglyceride levels are higher in nephrotic than in analbuminemic rats despite a similar increase in hepatic triglyceride secretion. <i>Kidney International</i> , 1995, 47, 566-572.	5.2	14
210	Ovariectomy decreases plasma triglyceride levels in analbuminaemic rats by lowering hepatic triglyceride secretion. <i>Atherosclerosis</i> , 1995, 117, 51-59.	0.8	18
211	Lipoprotein phospholipid composition and LCAT activity in nephrotic and analbuminemic rats. <i>Kidney International</i> , 1994, 46, 97-104.	5.2	30
212	Plasma Volume Regulation: Defences against Edema Formation (with Special Emphasis on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	3.1	31
213	Subcutaneous administration of HMG-CoA reductase inhibitors in hyperlipidaemic and normal rats. <i>Laboratory Animals</i> , 1992, 26, 269-280.	1.0	10
214	Excessive Cholesterolemic Response in Analbuminemic Rats Fed a Cholesterol-Rich Diet Containing Casein. <i>Journal of Nutrition</i> , 1992, 122, 520-527.	2.9	10
215	Effect of hypoproteinemia on blood volume recovery after moderate hemorrhage in conscious splenectomized dogs. <i>Journal of Surgical Research</i> , 1989, 47, 515-519.	1.6	6