

Jaap A Joles

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206
papers

6,623
citations

44
h-index

74
g-index

216
ext. papers

7,707
ext. citations

6.4
avg, IF

5.76
L-index

#	Paper	IF	Citations
206	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	3.2	0
205	Postprandial renal haemodynamic effects of the dipeptidyl peptidase-4 inhibitor linagliptin versus the sulphonylurea glimepiride in adults with type 2 diabetes (RENALIS): A predefined substudy of a randomized, double-blind trial. <i>Diabetes, Obesity and Metabolism</i> , 2022 , 24, 115-124	6.7	1
204	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	4.5	1
203	Anemia and red blood cell deformability in proteinuric chronic kidney disease.. <i>Kidney International</i> , 2022 , 101, 649	9.9	1
202	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	3.2	
201	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	11.8	2
200	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	11.8	2
199	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	4.3	4
198	Fighting Oxidative Stress with Sulfur: Hydrogen Sulfide in the Renal and Cardiovascular Systems. <i>Antioxidants</i> , 2021 , 10,	7.1	14
197	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	4.3	2
196	Cardiac Protection by Oral Sodium Thiosulfate in a Rat Model of L-NNA-Induced Heart Disease. <i>Frontiers in Pharmacology</i> , 2021 , 12, 650968	5.6	2
195	The effect of liraglutide and sitagliptin on oxidative stress in persons with type 2 diabetes. <i>Scientific Reports</i> , 2021 , 11, 10624	4.9	3
194	Skin microvascular function and renal hemodynamics in overweight patients with type 2 diabetes: A cross-sectional study. <i>Microcirculation</i> , 2021 , 28, e12700	2.9	1
193	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	4.3	0
192	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	5.6	
191	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	2.6	3
190	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	8.7	16

189	Multiparametric Renal MRI: An Intrasubject Test-Retest Repeatability Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 859-873	5.6	7
188	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	2.8	
187	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	3.7	11
186	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	4.3	1
185	Sodium thiosulfate improves renal function and oxygenation in L-NNA-induced hypertension in rats. <i>Kidney International</i> , 2020 , 98, 366-377	9.9	13
184	Unraveling the role of thiosulfate sulfurtransferase in metabolic diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165716	6.9	13
183	Sodium Thiosulfate in the Pregnant Dahl Salt-Sensitive Rat, a Model of Preeclampsia. <i>Biomolecules</i> , 2020 , 10,	5.9	7
182	Conflicting Effects of Fetal Growth Restriction on Blood Pressure Between Human and Rat Offspring: A Meta-Analysis. <i>Hypertension</i> , 2020 , 75, 806-818	8.5	4
181	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	2.6	
180	Dissociation between hypertrophy and fibrosis in the left ventricle early after experimental kidney transplantation. <i>Journal of Hypertension</i> , 2020 , 38, 489-503	1.9	
179	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	14.6	6
178	Angiotensin-neprilysin inhibition confers renoprotection in rats with diabetes and hypertension by limiting podocyte injury. <i>Journal of Hypertension</i> , 2020 , 38, 755-764	1.9	12
177	Decreased native renal T ₁ up to one week after gadobutrol administration in healthy volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 622-631	5.6	1
176	Role of the Carotid Body in an Ovine Model of Renovascular Hypertension. <i>Hypertension</i> , 2020 , 76, 1451-1460	14.60	5
175	Glucosuria Interferes With Measurement of Effective Renal Plasma Flow Using ¹²⁵ I-Aminohippuric Acid, With a Focus on SGLT2 Inhibitors. <i>Kidney International Reports</i> , 2020 , 5, 2052-2054	4.1	1
174	Developmental programming in human umbilical cord vein endothelial cells following fetal growth restriction. <i>Clinical Epigenetics</i> , 2020 , 12, 185	7.7	2
173	Evaluation of a system for sorbent-assisted peritoneal dialysis in a uremic pig model. <i>Physiological Reports</i> , 2020 , 8, e14593	2.6	2
172	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	11.8	24

171	Effects of dapagliflozin and gliclazide on the cardiorenal axis in people with type 2 diabetes. <i>Journal of Hypertension</i> , 2020 , 38, 1811-1819	1.9	7
170	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, 1-11	6.3	7
169	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	14.6	6
168	Prenatal Amino Acid Supplementation to Improve Fetal Growth: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020 , 12, 1-11	6.7	9
167	Renal sinus fat and renal hemodynamics: a cross-sectional analysis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020 , 33, 73-80	2.8	15
166	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	9.9	117
165	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	4.6	19
164	Adjusting cardiopulmonary bypass flow or arterial pressure to maintain renal medullary oxygen. <i>Kidney International</i> , 2019 , 95, 1292-1293	9.9	1
163	Prenatal Sildenafil Therapy Improves Cardiovascular Function in Fetal Growth Restricted Offspring of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2019 , 73, 1120-1127	8.5	6
162	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	5.6	11
161	Epoetin Beta and C-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	6	8
160	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	2.9	5
159	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, 2042018819865398	4.5	12
158	Measuring systolic and diastolic blood pressure in rodents. <i>Kidney International</i> , 2019 , 96, 1424-1425	9.9	
157	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	4.3	14
156	Direct Recording of Cardiac and Renal Sympathetic Nerve Activity Shows Differential Control in Renovascular Hypertension. <i>Hypertension</i> , 2018 , 71, 1108-1116	8.5	9
155	From portable dialysis to a bioengineered kidney. <i>Expert Review of Medical Devices</i> , 2018 , 15, 323-336	3.5	29
154	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	9.9	96

153	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	6.7	19
152	Albumin handling in different hemodialysis modalities. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 906-913	4.3	30
151	Chromatin Conformation Links Distal Target Genes to CKD Loci. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 462-476	12.7	16
150	SP073IN OBESE ZSF1 RATS, FEMALES SHOW INCREASED SALT-SENSITIVITY COMPARED TO MALES. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i370-i370	4.3	
149	Dissecting recipient from donor contribution in experimental kidney transplantation: focus on endothelial proliferation and inflammation. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	7
148	Overweight young female kidney donors have low renal functional reserve postdonation. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F454-F459	4.3	4
147	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	4.3	52
146	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	4.3	7
145	Lixisenatide Versus Insulin Glulisine on Fasting and Postbreakfast Systemic Hemodynamics in Type 2 Diabetes Mellitus Patients. <i>Hypertension</i> , 2018 , 72, 314-322	8.5	6
144	SP482A UREMIC GOAT MODEL CREATED BY SUBTOTAL RENAL ARTERY EMBOLIZATION. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i510-i511	4.3	
143	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	14.5	2
142	Angiotensin II-induced hypertension in rats is only transiently accompanied by lower renal oxygenation. <i>Scientific Reports</i> , 2018 , 8, 16342	4.9	6
141	Elevated renal tissue oxygenation in premature fetal growth restricted neonates: An observational study. <i>PLoS ONE</i> , 2018 , 13, e0204268	3.7	10
140	Nitric Oxide Synthase Inhibition Induces Renal Medullary Hypoxia in Conscious Rats. <i>Journal of the American Heart Association</i> , 2018 , 7, e009501	6	6
139	FP448A MINIATURE ARTIFICIAL KIDNEY FOR PERITONEAL DIALYSIS - WEAKID. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i186-i186	4.3	2
138	Glomerular Hyperfiltration in Diabetes: Mechanisms, Clinical Significance, and Treatment. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1023-1039	12.7	303
137	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	5.6	5
136	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	7.2	23

135	Postprandial renal haemodynamic effect of lixisenatide vs once-daily insulin-glulisine in patients with type 2 diabetes on insulin-largine: An 8-week, randomised, open-label trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1669-1680	6.7	37
134	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	11.3	185
133	GLP-1 and the kidney: from physiology to pharmacology and outcomes in diabetes. <i>Nature Reviews Nephrology</i> , 2017 , 13, 605-628	14.9	154
132	A regenerable potassium and phosphate sorbent system to enhance dialysis efficacy and device portability: a study in awake goats. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 951-959	4.3	1
131	Sildenafil During Pregnancy: A Preclinical Meta-Analysis on Fetal Growth and Maternal Blood Pressure. <i>Hypertension</i> , 2017 , 70, 998-1006	8.5	49
130	T-cells contribute to hypertension but not to renal injury in mice with subtotal nephrectomy. <i>BMC Nephrology</i> , 2017 , 18, 153	2.7	2
129	Circadian Rhythm in Kidney Tissue Oxygenation in the Rat. <i>Frontiers in Physiology</i> , 2017 , 8, 205	4.6	13
128	Innovative Perspective: Gadolinium-Free Magnetic Resonance Imaging in Long-Term Follow-Up after Kidney Transplantation. <i>Frontiers in Physiology</i> , 2017 , 8, 296	4.6	7
127	Cardiac Hepcidin Expression Associates with Injury Independent of Iron. <i>American Journal of Nephrology</i> , 2016 , 44, 368-378	4.6	12
126	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, 123-31	2.3	13
125	Hydrogen sulfide in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2016 , 25, 107-13	3.5	55
124	Combining sodium-dependent glucose co-transporter 2 inhibition with conventional diuretics: Dr Jekyll and Mr Hyde?. <i>Journal of Hypertension</i> , 2016 , 34, 833-5	1.9	
123	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	11.5	21
122	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	4.3	10
121	High-Normal Estimated Glomerular Filtration Rate in Early-Onset Preeclamptic Women 10 Years Postpartum. <i>Hypertension</i> , 2016 , 68, 1407-1414	8.5	7
120	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	10.3	74
119	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	7.6	46
118	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	14.6	66

117	Exogenous and endogenous angiotensin-II decrease renal cortical oxygen tension in conscious rats by limiting renal blood flow. <i>Journal of Physiology</i> , 2016 , 594, 6287-6300	3.9	24
116	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	4.1	64
115	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, 208-18	2.8	7
114	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	5	17
113	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, 1607-19	8.6	22
112	Protective role of female gender in programmed accelerated renal aging in the rat. <i>Physiological Reports</i> , 2015 , 3, e12342	2.6	21
111	Hydrogen sulfide: physiological properties and therapeutic potential in ischaemia. <i>British Journal of Pharmacology</i> , 2015 , 172, 1479-93	8.6	45
110	Absence of structural lesions in human renal arcuate arteries after LVAD implantation: response to a letter regarding "left ventricular assist devices: a kidney& perspective". <i>Heart Failure Reviews</i> , 2015 , 20, 753-4	5	2
109	Neuronal nitric oxide synthase-dependent amelioration of diastolic dysfunction in rats with chronic renocardiac syndrome. <i>CardioRenal Medicine</i> , 2015 , 5, 69-78	2.8	3
108	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, 539787	3.9	17
107	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	8.3	6
106	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	5.3	29
105	Renal transplantation induces mitochondrial uncoupling, increased kidney oxygen consumption, and decreased kidney oxygen tension. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F22-8	4.3	20
104	The importance of intake: a gut feeling. <i>Annals of Translational Medicine</i> , 2015 , 3, 49	3.2	2
103	Telemetry-based Recording of Renal Cortex Oxygenation During Endogenous RAS Activation: Preliminary Observations. <i>FASEB Journal</i> , 2015 , 29, 963.3	0.9	
102	Reprogramming: A Preventive Strategy in Hypertension Focusing on the Kidney. <i>International Journal of Molecular Sciences</i> , 2015 , 17,	6.3	63
101	Cardiorenal syndrome--current understanding and future perspectives. <i>Nature Reviews Nephrology</i> , 2014 , 10, 48-55	14.9	85
100	Circulating angiotensin-like 4 links proteinuria with hypertriglyceridemia in nephrotic syndrome. <i>Nature Medicine</i> , 2014 , 20, 37-46	50.5	116

99	Removal of urea in a wearable dialysis device: a reappraisal of electro-oxidation. <i>Artificial Organs</i> , 2014 , 38, 998-1006	2.6	39
98	Comparative physiology and hyperuricemia as a causal factor for hypertension. <i>Obesity</i> , 2014 , 22, 623	8	
97	Maintenance of hypertensive hemodynamics does not depend on ROS in established experimental chronic kidney disease. <i>PLoS ONE</i> , 2014 , 9, e88596	3.7	7
96	Haemodynamic influences on kidney oxygenation: clinical implications of integrative physiology. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 106-22	3	162
95	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, 313-20	4.7	9
94	Mixed matrix hollow fiber membranes for removal of protein-bound toxins from human plasma. <i>Biomaterials</i> , 2013 , 34, 7819-28	15.6	104
93	The nephron number counts--from womb to tomb. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 1325-8	4.3	9
92	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, 2364-71	4.3	11
91	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	1.6	14
90	Bone marrow cell therapy in hypertensive kidney disease: contribution to cardiac fibrosis?. <i>Journal of Hypertension</i> , 2013 , 31, 1052-4	1.9	1
89	Telemetry-based oxygen sensor to continuously monitor renal cortical oxygenation in the conscious rat. <i>FASEB Journal</i> , 2013 , 27, 1110.11	0.9	
88	Effect of GFR on plasma N-terminal connective tissue growth factor (CTGF) concentrations. <i>American Journal of Kidney Diseases</i> , 2012 , 59, 619-27	7.4	18
87	Hypertension: Renal denervation in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2012 , 8, 439-40	14.9	12
86	Target organ cross talk in cardiorenal syndrome: animal models. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, F1253-63	4.3	64
85	Early determinants of cardiovascular disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012 , 26, 581-97	6.5	43
84	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	3.7	151
83	FAN1 mutations cause karyomegalic interstitial nephritis, linking chronic kidney failure to defective DNA damage repair. <i>Nature Genetics</i> , 2012 , 44, 910-5	36.3	167
82	Systemic arterial and venous determinants of renal hemodynamics in congestive heart failure. <i>Heart Failure Reviews</i> , 2012 , 17, 161-75	5	70

81	A novel approach for blood purification: mixed-matrix membranes combining diffusion and adsorption in one step. <i>Acta Biomaterialia</i> , 2012 , 8, 2279-87	10.8	88
80	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		5
79	Biological and technical considerations regarding the removal of bacteriotoxins in sepsis with emphasis on toxic shock syndrome toxin 1. <i>Shock</i> , 2012 , 37, 247-52	3.4	5
78	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, 2299-312	4	39
77	Variation in kidney oxygenation: towards long-term recording by telemetry. <i>FASEB Journal</i> , 2012 , 26, 684.2	0.9	
76	Telemetry-based oxygen sensor to continuously monitor kidney oxygenation in conscious rats. <i>FASEB Journal</i> , 2012 , 26, 690.6	0.9	
75	Loss of endogenous bone morphogenetic protein-6 aggravates renal fibrosis. <i>American Journal of Pathology</i> , 2011 , 178, 1069-79	5.8	44
74	Perinatal exogenous nitric oxide in fawn-hooded hypertensive rats reduces renal ribosomal biogenesis in early life. <i>Frontiers in Genetics</i> , 2011 , 2, 52	4.5	9
73	Perinatal inhibition of NF-kappaB has long-term antihypertensive effects in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2011 , 29, 1160-6	1.9	22
72	Oxidative stress in obstructive nephropathy. <i>International Journal of Experimental Pathology</i> , 2011 , 92, 202-10	2.8	82
71	Crossing borders: linking environmental and genetic developmental factors. <i>Microcirculation</i> , 2011 , 18, 298-303	2.9	8
70	Involvement of connective tissue growth factor in human and experimental hypertensive nephrosclerosis. <i>Nephron Experimental Nephrology</i> , 2011 , 117, e9-20		21
69	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, E691-8	6	46
68	Renal sinus adiposity and hypertension. <i>Hypertension</i> , 2010 , 56, 814-5	8.5	5
67	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, H2037-45	5.2	20
66	Perinatal micronutrient supplements ameliorate hypertension and proteinuria in adult fawn-hooded hypertensive rats. <i>American Journal of Hypertension</i> , 2010 , 23, 802-8	2.3	20
65	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, 125-32	3.4	3
64	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	4.8	15

63	Taurine: red bull or red herring?. <i>Hypertension</i> , 2009 , 53, 909-11	8.5	11
62	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, 513-24	4.6	14
61	Detection of basal NO production in rat tissues using iron-dithiocarbamate complexes. <i>Nitric Oxide - Biology and Chemistry</i> , 2008 , 18, 279-86	5	19
60	Blood pressure follows the kidney: Perinatal influences on hereditary hypertension. <i>Organogenesis</i> , 2008 , 4, 153-7	1.7	6
59	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, R1847-55	3.2	23
58	CTGF inhibits BMP-7 signaling in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 2098-107	12.7	101
57	Toll-like receptor 4 mediates maladaptive left ventricular remodeling and impairs cardiac function after myocardial infarction. <i>Circulation Research</i> , 2008 , 102, 257-64	15.7	266
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40	Causes and consequences of increased sympathetic activity in renal disease. <i>Hypertension</i> , 2004 , 43, 699-706	8.5	138
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17	Endothelial function in proteinuric renal disease. <i>Kidney International</i> , 1999 , 71, S57-61	9.9	18
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14	Enalapril prevents imminent and reduces manifest cerebral edema in stroke-prone hypertensive rats. <i>Stroke</i> , 1998 , 29, 1671-7; discussion 1677-8	6.7	42
13	Efficacy and muscle safety of fluvastatin in cyclosporine-treated cardiac and renal transplant recipients: an exercise provocation test. <i>Transplantation</i> , 1998 , 66, 1175-81	1.8	21
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