

Jaap A Joles

List of Publications by Citations

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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	The severe cardiorenal syndrome: Guyton revisited <i>European Heart Journal</i> , 2005 , 26, 11-7	9.5	354
205	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
204	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
203	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
202	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
201	Sympathetic hyperactivity in chronic renal failure: a wake-up call. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 524-37	12.7	164
200	Haemodynamic influences on kidney oxygenation: clinical implications of integrative physiology. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 106-22	3	162
199	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
198	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
197	Bone-marrow-derived cells contribute to glomerular endothelial repair in experimental glomerulonephritis. <i>American Journal of Pathology</i> , 2003 , 163, 553-62	5.8	147
196	Causes and consequences of increased sympathetic activity in renal disease. <i>Hypertension</i> , 2004 , 43, 699-706	8.96	138
195	Early mechanisms of renal injury in hypercholesterolemic or hypertriglyceridemic rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2000 , 11, 669-683	12.7	129
194	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
193	Circulating angiopoietin-like 4 links proteinuria with hypertriglyceridemia in nephrotic syndrome. <i>Nature Medicine</i> , 2014 , 20, 37-46	50.5	116
192	Mixed matrix hollow fiber membranes for removal of protein-bound toxins from human plasma. <i>Biomaterials</i> , 2013 , 34, 7819-28	15.6	104
191	Tetrahydrobiopterin, but not L-arginine, decreases NO synthase uncoupling in cells expressing high levels of endothelial NO synthase. <i>Hypertension</i> , 2006 , 47, 87-94	8.5	104
190	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

189	Perinatal L-arginine and antioxidant supplements reduce adult blood pressure in spontaneously hypertensive rats. <i>Hypertension</i> , 2004 , 44, 83-8	8.5	100
188	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
187	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
186	Hypoalbuminemia causes high blood viscosity by increasing red cell lysophosphatidylcholine. <i>Kidney International</i> , 1997 , 52, 761-70	9.9	88
185	Cardiorenal syndrome--current understanding and future perspectives. <i>Nature Reviews Nephrology</i> , 2014 , 10, 48-55	14.9	85
184	Oxidative stress in obstructive nephropathy. <i>International Journal of Experimental Pathology</i> , 2011 , 92, 202-10	2.8	82
183	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
182	Programming blood pressure in adult SHR by shifting perinatal balance of NO and reactive oxygen species toward NO: the inverted Barker phenomenon. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 288, F626-36	4.3	71
181	Systemic arterial and venous determinants of renal hemodynamics in congestive heart failure. <i>Heart Failure Reviews</i> , 2012 , 17, 161-75	5	70
180	Maternal supplementation with citrulline increases renal nitric oxide in young spontaneously hypertensive rats and has long-term antihypertensive effects. <i>Hypertension</i> , 2007 , 50, 1077-84	8.5	67
179	Broadly altered gene expression in blood leukocytes in essential hypertension is absent during treatment. <i>Hypertension</i> , 2004 , 43, 947-51	8.5	66
178	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
177	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
176	Target organ cross talk in cardiorenal syndrome: animal models. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, F1253-63	4.3	64
175	Reprogramming: A Preventive Strategy in Hypertension Focusing on the Kidney. <i>International Journal of Molecular Sciences</i> , 2015 , 17,	6.3	63
174	Hydrogen sulfide in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2016 , 25, 107-13	3.5	55
173	Conversion to mycophenolate mofetil in conjunction with stepwise withdrawal of cyclosporine in stable renal transplant recipients. <i>Transplantation</i> , 2000 , 69, 376-83	1.8	54
172	In mice, proteinuria and renal inflammatory responses to albumin overload are strain-dependent. <i>Nephrology Dialysis Transplantation</i> , 2006 , 21, 591-7	4.3	53

171	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
170	Sildenafil During Pregnancy: A Preclinical Meta-Analysis on Fetal Growth and Maternal Blood Pressure. <i>Hypertension</i> , 2017 , 70, 998-1006	8.5	49
169	Proteinuria is preceded by decreased nitric oxide synthesis and prevented by a NO donor in cholesterol-fed rats. <i>Kidney International</i> , 2002 , 61, 1776-87	9.9	48
168	Early-onset but not late-onset endothelin-A-receptor blockade can modulate hypertension, cerebral edema, and proteinuria in stroke-prone hypertensive rats. <i>Hypertension</i> , 1999 , 33, 137-44	8.5	47
167	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
166	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
165	Hydrogen sulfide: physiological properties and therapeutic potential in ischaemia. <i>British Journal of Pharmacology</i> , 2015 , 172, 1479-93	8.6	45
164	Estrogen induces glomerulosclerosis in albuminemic rats. <i>Kidney International</i> , 1998 , 53, 862-8	9.9	45
163	Loss of endogenous bone morphogenetic protein-6 aggravates renal fibrosis. <i>American Journal of Pathology</i> , 2011 , 178, 1069-79	5.8	44
162	Vitamin E alleviates renal injury, but not hypertension, during chronic nitric oxide synthase inhibition in rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 2585-2593	12.7	44
161	Early determinants of cardiovascular disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012 , 26, 581-97	6.5	43
160	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
159	Anti-inflammatory effects of tetrahydrobiopterin on early rejection in renal allografts: modulation of inducible nitric oxide synthase. <i>FASEB Journal</i> , 2002 , 16, 1135-7	0.9	40
158	Removal of urea in a wearable dialysis device: a reappraisal of electro-oxidation. <i>Artificial Organs</i> , 2014 , 38, 998-1006	2.6	39
157	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
156	Postprandial renal haemodynamic effect of lixisenatide vs once-daily insulin-glisine 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	6.7	37
155	NO dependency of RBF and autoregulation in the spontaneously hypertensive rat. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, F105-12	4.3	35
154	Proteinuria precedes cerebral edema in stroke-prone rats: a magnetic resonance imaging study. <i>Stroke</i> , 1998 , 29, 167-74	6.7	33

153	Impaired endothelial function in patients with nephrotic range proteinuria. <i>Kidney International</i> , 1995 , 48, 544-50	9.9	33
152	Blood volume, colloid osmotic pressure and F-cell ratio in children with the nephrotic syndrome. <i>Kidney International</i> , 1996 , 49, 1471-7	9.9	32
151	L-arginine supplementation improves function and reduces inflammation in renal allografts. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 361-367	12.7	32
150	Albumin handling in different hemodialysis modalities. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 906-913	4.3	30
149	From portable dialysis to a bioengineered kidney. <i>Expert Review of Medical Devices</i> , 2018 , 15, 323-336	3.5	29
148	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
147	Plasma volume regulation: defences against edema formation (with special emphasis on hypoproteinemia). <i>American Journal of Nephrology</i> , 1993 , 13, 399-412	4.6	29
146	Hypercholesterolemia in rats induces podocyte stress and decreases renal cortical nitric oxide synthesis via an angiotensin II type 1 receptor-sensitive mechanism. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 949-57	12.7	28
145	Inducible nitric oxide synthase in renal transplantation. <i>Kidney International</i> , 2002 , 61, 872-5	9.9	28
144	Losartan-sensitive renal damage caused by chronic NOS inhibition does not involve increased renal angiotensin II concentrations. <i>Kidney International</i> , 1999 , 56, 222-31	9.9	28
143	Male gender increases sensitivity to renal injury in response to cholesterol loading. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, F718-26	4.3	26
142	Temporary losartan or captopril in young SHR induces malignant hypertension despite initial normotension. <i>Kidney International</i> , 2004 , 65, 575-81	9.9	26
141	Lipoprotein phospholipid composition and LCAT activity in nephrotic and analbuminemic rats. <i>Kidney International</i> , 1994 , 46, 97-104	9.9	26
140	Nitric oxide-dependent and nitric oxide-independent transcriptional responses to high shear stress in endothelial cells. <i>Hypertension</i> , 2005 , 45, 672-80	8.5	25
139	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
138	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
137	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 ²		23
136	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

135	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
134	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
133	Protective role of female gender in programmed accelerated renal aging in the rat. <i>Physiological Reports</i> , 2015 , 3, e12342	2.6	21
132	Involvement of connective tissue growth factor in human and experimental hypertensive nephrosclerosis. <i>Nephron Experimental Nephrology</i> , 2011 , 117, e9-20		21
131	Albumin restores lysophosphatidylcholine-induced inhibition of vasodilation in rat aorta. <i>Kidney International</i> , 2001 , 60, 1088-96	9.9	21
130	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
129	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
128	Renal transplantation induces mitochondrial uncoupling, increased kidney oxygen consumption, and decreased kidney oxygen tension. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F22-43	4.3	20
127	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
126	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
125	Visualizing tubular lipid peroxidation in intact renal tissue in hypertensive rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 2990-6	12.7	20
124	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
123	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
122	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
121	Hypoalbuminemia increases lysophosphatidylcholine in low-density lipoprotein of normocholesterolemic subjects. <i>Kidney International</i> , 1999 , 55, 1005-10	9.9	19
120	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
119	Role of circulating karyocytes in the initiation and progression of atherosclerosis. <i>Hypertension</i> , 2006 , 47, 803-10	8.5	18
118	Transcriptome-based identification of pro- and antioxidative gene expression in kidney cortex of nitric oxide-depleted rats. <i>Physiological Genomics</i> , 2007 , 28, 158-67	3.6	18

117	The role of nitric oxide in renal transplantation. <i>Seminars in Nephrology</i> , 2004 , 24, 379-88	4.8	18
116	Endothelial function in proteinuric renal disease. <i>Kidney International</i> , 1999 , 71, S57-61	9.9	18
115	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
114	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
113	Ovariectomy decreases plasma triglyceride levels in analbuminaemic rats by lowering hepatic triglyceride secretion. <i>Atherosclerosis</i> , 1995 , 117, 51-9	3.1	17
112	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
111	Blood pressure in mutant rats lacking the 5-hydroxytryptamine transporter. <i>Hypertension</i> , 2006 , 48, e115-6; author reply e117	8.5	16
110	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
109	Estrogen effects on triglyceride metabolism in analbuminemic rats. <i>Kidney International</i> , 2000 , 57, 2268-74	7.4	15
108	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
107	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
106	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
105	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
104	Hypoxanthine plus xanthine oxidase causes profound natriuresis without affecting renal blood flow autoregulation. <i>Kidney International</i> , 2003 , 64, 226-31	9.9	14
103	Fighting Oxidative Stress with Sulfur: Hydrogen Sulfide in the Renal and Cardiovascular Systems. <i>Antioxidants</i> , 2021 , 10,	7.1	14
102	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
101	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
100	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

99	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
98	Circadian Rhythm in Kidney Tissue Oxygenation in the Rat. <i>Frontiers in Physiology</i> , 2017 , 8, 205	4.6	13
97	Cardiac Hecpidin Expression Associates with Injury Independent of Iron. <i>American Journal of Nephrology</i> , 2016 , 44, 368-378	4.6	12
96	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
95	Hypertension: Renal denervation in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2012 , 8, 439-40	14.9	12
94	Predisposition of spontaneously hypertensive rats to develop renal injury during nitric oxide synthase inhibition. <i>European Journal of Pharmacology</i> , 2001 , 411, 175-180	5.3	12
93	Non-iron mediated alteration in hepatic transferrin gene expression in the nephrotic rat. <i>Kidney International</i> , 1995 , 47, 1068-77	9.9	12
92	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
91	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
90	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
89	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
88	Taurine: red bull or red herring?. <i>Hypertension</i> , 2009 , 53, 909-11	8.5	11
87	Low albumin levels increase endothelial NO production and decrease vascular NO sensitivity. <i>Nephrology Dialysis Transplantation</i> , 2006 , 21, 3443-9	4.3	11
86	Hypoalbuminaemia enhances the renal vasoconstrictor effect of lysophosphatidylcholine. <i>Nephrology Dialysis Transplantation</i> , 2003 , 18, 1485-92	4.3	11
85	Proteinuria, lipoproteins and renal apolipoprotein deposits in uninephrectomized female albuminemic rats. <i>Kidney International</i> , 1995 , 47, 442-53	9.9	11
84	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
83	Elevated renal tissue oxygenation in premature fetal growth restricted neonates: An observational study. <i>PLoS ONE</i> , 2018 , 13, e0204268	3.7	10
82	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

81	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
80	The nephron number counts--from womb to tomb. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 1325-84.3	4.3	9
79	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
78	Subcutaneous administration of HMG-CoA reductase inhibitors in hyperlipidaemic and normal rats. <i>Laboratory Animals</i> , 1992 , 26, 269-80	2.6	9
77	Prenatal Amino Acid Supplementation to Improve Fetal Growth: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020 , 12,	6.7	9
76	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
75	Crossing borders: linking environmental and genetic developmental factors. <i>Microcirculation</i> , 2011 , 18, 298-303	2.9	8
74	Excessive cholesterolemic response in analbuminemic rats fed a cholesterol-rich diet containing casein. <i>Journal of Nutrition</i> , 1992 , 122, 520-7	4.1	8
73	Mixed proximal and distal renal tubular acidosis without aminoaciduria in a mare. <i>Journal of Veterinary Internal Medicine</i> , 2007 , 21, 1121-5	3.1	8
72	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
71	Sodium Thiosulfate in the Pregnant Dahl Salt-Sensitive Rat, a Model of Preeclampsia. <i>Biomolecules</i> , 2020 , 10,	5.9	7
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,	4.1	7
69	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
68	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
67	MRI-based quantification of cerebral edema in individual SHRSP rats using averaged criteria determined before the occurrence of edema. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 903-7	3.3	7
66	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, 566-72	9.9	7
65	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
64	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

63	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,	6.3	7
62	High-Normal Estimated Glomerular Filtration Rate in Early-Onset Preeclamptic Women 10 Years Postpartum. <i>Hypertension</i> , 2016 , 68, 1407-1414	8.5	7
61	Multiparametric Renal MRI: An Intrasubject Test-Retest Repeatability Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 859-873	5.6	7
60	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
59	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
58	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
57	Blood pressure follows the kidney: Perinatal influences on hereditary hypertension. <i>Organogenesis</i> , 2008 , 4, 153-7	1.7	6
56	Technology insight: Innovative options for end-stage renal disease--from kidney refurbishment to artificial kidney. <i>Nature Clinical Practice Nephrology</i> , 2007 , 3, 564-72		6
55	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
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