

Kevin D Burns

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.

63

papers

1,902

citations

17

h-index

43

g-index

67

ext. papers

2,302

ext. citations

4.5

avg, IF

4.43

L-index

#	Paper	IF	Citations
63	Comparative analysis of hypertensive nephrosclerosis in animal models of hypertension and its relevance to human pathology. Glomerulopathy.. <i>PLoS ONE</i> , 2022 , 17, e0264136	3.7	2
62	Effects of living kidney donation on arterial stiffness: a systematic review protocol. <i>BMJ Open</i> , 2021 , 11, e045518	3	0
61	Therapeutic effects of micro-RNAs in preclinical studies of acute kidney injury: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021 , 11, 9100	4.9	2
60	Overexpression of the Severe Acute Respiratory Syndrome Coronavirus-2 Receptor, Angiotensin-Converting Enzyme 2, in Diabetic Kidney Disease: Implications for Kidney Injury in Novel Coronavirus Disease 2019. <i>Canadian Journal of Diabetes</i> , 2021 , 45, 162-166.e1	2.1	13
59	Isolated Penile Calciphylaxis Diagnosed by Ultrasound Imaging in a New Dialysis Patient: A Case Report. <i>Canadian Journal of Kidney Health and Disease</i> , 2021 , 8, 20543581211025846	2.3	1
58	Changes in Cardiovascular Biomarkers Associated With the Sodium-Glucose Cotransporter 2 (SGLT2) Inhibitor Ertugliflozin in Patients With Chronic Kidney Disease and Type 2 Diabetes. <i>Diabetes Care</i> , 2021 , 44, e45-e47	14.6	11
57	MicroRNA in Human Acute Kidney Injury: A Systematic Review Protocol. <i>Canadian Journal of Kidney Health and Disease</i> , 2021 , 8, 20543581211009999	2.3	0
56	Kidney, Cardiac, and Safety Outcomes Associated With β Blockers in Patients With CKD: A Population-Based Cohort Study. <i>American Journal of Kidney Diseases</i> , 2021 , 77, 178-189.e1	7.4	6
55	The impact of measuring split kidney function on post-donation kidney function: A retrospective cohort study. <i>PLoS ONE</i> , 2021 , 16, e0253609	3.7	1
54	Markers of Kidney Injury, Inflammation, and Fibrosis Associated With Ertugliflozin in Patients With CKD and Diabetes. <i>Kidney International Reports</i> , 2021 , 6, 2095-2104	4.1	3
53	micro-RNA-486-5p protects against kidney ischemic injury and modifies the apoptotic transcriptome in proximal tubules. <i>Kidney International</i> , 2021 , 100, 597-612	9.9	4
52	Comparison of Clinical Outcomes and Safety Associated With Chlorthalidone vs Hydrochlorothiazide in Older Adults With Varying Levels of Kidney Function. <i>JAMA Network Open</i> , 2021 , 4, e2123365	10.4	2
51	Cannabis and Cigarette Use Before and After Living Kidney Donation. <i>Canadian Journal of Kidney Health and Disease</i> , 2021 , 8, 2054358121997243	2.3	0
50	Renovascular hypertension from the BCR-ABL tyrosine kinase inhibitor ponatinib. <i>Journal of Clinical Hypertension</i> , 2020 , 22, 678-682	2.3	4
49	Pharmacologic Therapies for Aortic Stiffness in End-Stage Renal Disease: A Systematic Review and Meta-Analysis. <i>Canadian Journal of Kidney Health and Disease</i> , 2020 , 7, 2054358120906974	2.3	5
48	Study protocol for a multicentre, prospective cohort study of the association of angiotensin II type 1 receptor blockers on outcomes of coronavirus infection. <i>BMJ Open</i> , 2020 , 10, e040768	3	3
47	Sex diversity in proximal tubule and endothelial gene expression in mice with ischemic acute kidney injury. <i>Clinical Science</i> , 2020 , 134, 1887-1909	6.5	7

46	An evaluation of renin-angiotensin system markers in youth with type 2 diabetes and associations with renal outcomes. <i>Pediatric Diabetes</i> , 2020 , 21, 1102-1109	3.6	3
45	Case Report: Segmental Arterial Mediolytic, a Rare Cause of Hypertension. <i>Canadian Journal of Kidney Health and Disease</i> , 2020 , 7, 2054358120950885	2.3	
44	Prostaglandin E2 receptor EP1 (PGE2/EP1) deletion promotes glomerular podocyte and endothelial cell injury in hypertensive TTRhRen mice. <i>Laboratory Investigation</i> , 2020 , 100, 414-425	5.9	4
43	A Systematic Review and Meta-analysis of Nonpharmacologic-based Interventions for Aortic Stiffness in End-Stage Renal Disease. <i>Kidney International Reports</i> , 2019 , 4, 1109-1121	4.1	5
42	Alpha-Blocker Use and the Risk of Hypotension and Hypotension-Related Clinical Events in Women of Advanced Age. <i>Hypertension</i> , 2019 , 74, 645-651	8.5	10
41	A novel method for comparison of arterial remodeling in hypertension: Quantification of arterial trees and recognition of remodeling patterns on histological sections. <i>PLoS ONE</i> , 2019 , 14, e0216734	3.7	5
40	Changes in Body Weight Before and After Kidney Donation. <i>Canadian Journal of Kidney Health and Disease</i> , 2019 , 6, 2054358119847203	2.3	6
39	The therapeutic effects of microRNAs in preclinical studies of acute kidney injury: a systematic review protocol. <i>Systematic Reviews</i> , 2019 , 8, 235	3	5
38	Association Between Newborn Metabolic Profiles and Pediatric Kidney Disease. <i>Kidney International Reports</i> , 2018 , 3, 691-700	4.1	6
37	PGE EP receptor inhibits vasopressin-dependent water reabsorption and sodium transport in mouse collecting duct. <i>Laboratory Investigation</i> , 2018 , 98, 360-370	5.9	15
36	Receptor-Ligand Interaction Mediates Targeting of Endothelial Colony Forming Cell-derived Exosomes to the Kidney after Ischemic Injury. <i>Scientific Reports</i> , 2018 , 8, 16320	4.9	40
35	A Unique Case of Metformin-Associated Lactic Acidosis. <i>Case Reports in Nephrology</i> , 2018 , 2018, 4696182.8	2.8	2
34	The KRESCENT Program (2005-2015): An Evaluation of the State of Kidney Research Training in Canada. <i>Canadian Journal of Kidney Health and Disease</i> , 2017 , 4, 2054358117693354	2.3	2
33	Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 557-576	3.8	205
32	The relationship between urinary renin-angiotensin system markers, renal function, and blood pressure in adolescents with type 1 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F335-F342	4.3	24
31	High glucose increases the formation and pro-oxidative activity of endothelial microparticles. <i>Diabetologia</i> , 2017 , 60, 1791-1800	10.3	56
30	Precision Medicine for Hypertension Management in Chronic Kidney Disease: Relevance of SPRINT for Therapeutic Targets in Nondiabetic Renal Disease. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 611-618	3.8	5
29	Treatment with enalapril and not diltiazem ameliorated progression of chronic kidney disease in rats, and normalized renal AT1 receptor expression as measured with PET imaging. <i>PLoS ONE</i> , 2017 , 12, e0177451	3.7	7

28	Measurement of Angiotensin Converting Enzyme 2 Activity in Biological Fluid (ACE2). <i>Methods in Molecular Biology</i> , 2017 , 1527, 101-115	1.4	19
27	The impact of intervention strategies that target arterial stiffness in end-stage renal disease: a systematic review protocol. <i>Systematic Reviews</i> , 2016 , 5, 118	3	6
26	Transfer of microRNA-486-5p from human endothelial colony forming cell-derived exosomes reduces ischemic kidney injury. <i>Kidney International</i> , 2016 , 90, 1238-1250	9.9	125
25	Circulating angiogenic factors in a pregnant woman on intensive hemodialysis: a case report. <i>Canadian Journal of Kidney Health and Disease</i> , 2016 , 3, 7	2.3	7
24	Reproducibility of carotid-femoral pulse wave velocity in end-stage renal disease patients: methodological considerations. <i>Canadian Journal of Kidney Health and Disease</i> , 2016 , 3, 20	2.3	4
23	PGE2 receptor EP3 inhibits water reabsorption and contributes to polyuria and kidney injury in a streptozotocin-induced mouse model of diabetes. <i>Diabetologia</i> , 2016 , 59, 1318-28	10.3	20
22	Hypertension Canada 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 569-88	3.8	314
21	The association of urinary sodium excretion and the need for renal replacement therapy in advanced chronic kidney disease: a cohort study. <i>BMC Nephrology</i> , 2016 , 17, 123	2.7	7
20	Protein Kinase C- β Mediates Shedding of Angiotensin-Converting Enzyme 2 from Proximal Tubular Cells. <i>Frontiers in Pharmacology</i> , 2016 , 7, 146	5.6	9
19	Differential renal effects of candesartan at high and ultra-high doses in diabetic mice-potential role of the ACE2/AT2R/Mas axis. <i>Bioscience Reports</i> , 2016 , 36,	4.1	26
18	Human endothelial colony-forming cells protect against acute kidney injury: role of exosomes. <i>American Journal of Pathology</i> , 2015 , 185, 2309-23	5.8	142
17	The 2015 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 549-68	3.8	222
16	The effect of angiotensin-(1-7) in mouse unilateral ureteral obstruction. <i>American Journal of Pathology</i> , 2015 , 185, 729-40	5.8	14
15	Pincer nails following arteriovenous fistula creation. <i>Kidney International</i> , 2015 , 88, 918	9.9	2
14	Re: Microparticles: markers and mediators of sepsis-induced microvascular dysfunction, immunosuppression, and AKI. <i>Kidney International</i> , 2015 , 88, 915	9.9	1
13	Prostaglandin E2 increases proximal tubule fluid reabsorption, and modulates cultured proximal tubule cell responses via EP1 and EP4 receptors. <i>Laboratory Investigation</i> , 2015 , 95, 1044-55	5.9	14
12	C-peptide as a Therapy for Kidney Disease: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015 , 10, e0127439	3.7	15
11	The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 485-501	3.8	198

10	Urinary podocyte microparticles identify prealbuminuric diabetic glomerular injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1401-7	12.7	82
9	Sodium glucose cotransport-2 inhibition and intrarenal RAS activity in people with type 1 diabetes. <i>Kidney International</i> , 2014 , 86, 1057-8	9.9	80
8	Characterization of angiotensin-converting enzyme 2 ectodomain shedding from mouse proximal tubular cells. <i>PLoS ONE</i> , 2014 , 9, e85958	3.7	42
7	Short daily versus conventional hemodialysis for hypertensive patients: a randomized cross-over study. <i>PLoS ONE</i> , 2014 , 9, e97135	3.7	11
6	Urinary angiotensinogen as a biomarker of chronic kidney disease: ready for prime time?. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 3010-3	4.3	9
5	The KRESCENT Program: an initiative to match supply and demand for kidney research in Canada. <i>Clinical and Investigative Medicine</i> , 2010 , 33, E356-67	0.9	7
4	Brief ACE Inhibition Produces Persistent Changes That Protect Heart but Not Kidney From L-NAME Induced Damage. <i>FASEB Journal</i> , 2009 , 23, 1017.44	0.9	
3	The emerging role of angiotensin-converting enzyme-2 in the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 2007 , 16, 116-21	3.5	29
2	The role of angiotensin II-stimulated renal tubular transport in hypertension. <i>Current Hypertension Reports</i> , 2003 , 5, 165-71	4.7	21
1	Sustained Dysregulation of the Plasma Renin-angiotensin System in Acute COVID-19		3