

Kevin D Burns

List of Publications by Year in descending order

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66
papers

2,752
citations

393982

19
h-index

182168

51
g-index

67
all docs

67
docs citations

67
times ranked

4888
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 549-568.	0.8	431
2	Hypertension Canada's 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, 569-588.	0.8	400
3	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.	0.8	269
4	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.	0.8	221
5	Human Endothelial Colony-Forming Cells Protect against Acute Kidney Injury. <i>American Journal of Pathology</i> , 2015, 185, 2309-2323.	1.9	186
6	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.	2.6	177
7	Urinary Podocyte Microparticles Identify Prealbuminuric Diabetic Glomerular Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1401-1407.	3.0	117
8	Sodium glucose cotransport-2 inhibition and intrarenal RAS activity in people with type 1 diabetes. <i>Kidney International</i> , 2014, 86, 1057-1058.	2.6	93
9	High glucose increases the formation and pro-oxidative activity of endothelial microparticles. <i>Diabetologia</i> , 2017, 60, 1791-1800.	2.9	79
10	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.	1.6	65
11	Characterization of Angiotensin-Converting Enzyme 2 Ectodomain Shedding from Mouse Proximal Tubular Cells. <i>PLoS ONE</i> , 2014, 9, e85958.	1.1	51
12	The emerging role of angiotensin-converting enzyme-2 in the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 2007, 16, 116-121.	1.0	33
13	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.	1.3	33
14	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, .	1.1	32
15	Measurement of Angiotensin Converting Enzyme 2 Activity in Biological Fluid (ACE2). <i>Methods in Molecular Biology</i> , 2017, 1527, 101-115.	0.4	32
16	The role of angiotensin II-stimulated renal tubular transport in hypertension. <i>Current Hypertension Reports</i> , 2003, 5, 165-171.	1.5	28
17	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, 1318-1328.	2.9	28
18	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.	0.4	23

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19	PGE2 EP1 receptor inhibits vasopressin-dependent water reabsorption and sodium transport in mouse collecting duct. <i>Laboratory Investigation</i> , 2018, 98, 360-370.	1.7	22
20	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.	4.3	22
21	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.	2.1	21
22	Sex diversity in proximal tubule and endothelial gene expression in mice with ischemic acute kidney injury. <i>Clinical Science</i> , 2020, 134, 1887-1909.	1.8	21
23	C-peptide as a Therapy for Kidney Disease: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0127439.	1.1	19
24	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.	0.4	19
25	The Effect of Angiotensin-(1-7) in Mouse Unilateral Ureteral Obstruction. <i>American Journal of Pathology</i> , 2015, 185, 729-740.	1.9	18
26	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.	1.3	18
27	Short Daily versus Conventional Hemodialysis for Hypertensive Patients: A Randomized Cross-Over Study. <i>PLoS ONE</i> , 2014, 9, e97135.	1.1	16
28	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, 1044-1055.	1.7	15
29	Protein Kinase C- δ Mediates Shedding of Angiotensin-Converting Enzyme 2 from Proximal Tubular Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 146.	1.6	14
30	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.	2.6	14
31	Urinary angiotensinogen as a biomarker of chronic kidney disease: ready for prime time?. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3010-3013.	0.4	13
32	Renal Angiotensinogen and Sodium-Glucose Cotransporter-2 Inhibition: Insights from Experimental Diabetic Kidney Disease. <i>American Journal of Nephrology</i> , 2019, 49, 328-330.	1.4	13
33	Performance of the 2021 Race-Free CKD-EPI Creatinine- and Cystatin C-Based Estimated GFR Equations Among Kidney Transplant Recipients. <i>American Journal of Kidney Diseases</i> , 2022, 80, 462-472.e1.	2.1	13
34	Association Between Newborn Metabolic Profiles and Pediatric Kidney Disease. <i>Kidney International Reports</i> , 2018, 3, 691-700.	0.4	12
35	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.	0.8	11
36	Changes in Body Weight Before and After Kidney Donation. <i>Canadian Journal of Kidney Health and Disease</i> , 2019, 6, 205435811984720.	0.6	11

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37	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.	1.7	11
38	miRNA-486-5p: signaling targets and role in non-malignant disease. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	11
39	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.	2.8	10
40	Circulating Angiogenic Factors in a Pregnant Woman on Intensive Hemodialysis: A Case Report. <i>Canadian Journal of Kidney Health and Disease</i> , 2016, 3, 96.	0.6	9
41	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.	1.1	8
42	The KRESCENT Program: An initiative to match supply and demand for kidney research in Canada. <i>Clinical and Investigative Medicine</i> , 2010, 33, 356.	0.3	8
43	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.	0.8	7
44	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.	1.2	7
45	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.	0.8	7
46	Comparative analysis of hypertensive nephrosclerosis in animal models of hypertension and its relevance to human pathology. <i>Glomerulopathy. PLoS ONE</i> , 2022, 17, e0264136.	1.1	7
47	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.	2.5	6
48	The therapeutic effects of microRNAs in preclinical studies of acute kidney injury: a systematic review protocol. <i>Systematic Reviews</i> , 2019, 8, 235.	2.5	6
49	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.	0.4	6
50	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.	1.1	6
51	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, 205435812090697.	0.6	6
52	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.	1.6	6
53	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, 109.	0.6	5
54	Renovascular hypertension from the BCR-ABL tyrosine kinase inhibitor ponatinib. <i>Journal of Clinical Hypertension</i> , 2020, 22, 678-682.	1.0	5

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55	Pincer nails following arteriovenous fistula creation. <i>Kidney International</i> , 2015, 88, 918.	2.6	4
56	The KRESCENT Program (2005-2015). <i>Canadian Journal of Kidney Health and Disease</i> , 2017, 4, 205435811769335.	0.6	4
57	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, 205435812110258.	0.6	3
58	The impact of measuring split kidney function on post-donation kidney function: A retrospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0253609.	1.1	3
59	Renal Hemodynamics and Renin-Angiotensin-Aldosterone System Profiles in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, , .	0.7	3
60	A Unique Case of Metformin-Associated Lactic Acidosis. <i>Case Reports in Nephrology</i> , 2018, 2018, 1-5.	0.2	2
61	Effects of living kidney donation on arterial stiffness: a systematic review protocol. <i>BMJ Open</i> , 2021, 11, e045518.	0.8	2
62	Cannabis and Cigarette Use Before and After Living Kidney Donation. <i>Canadian Journal of Kidney Health and Disease</i> , 2021, 8, 205435812199724.	0.6	2
63	Re: Microparticles: markers and mediators of sepsis-induced microvascular dysfunction, immunosuppression, and AKI. <i>Kidney International</i> , 2015, 88, 915.	2.6	1
64	MicroRNA in Human Acute Kidney Injury: A Systematic Review Protocol. <i>Canadian Journal of Kidney Health and Disease</i> , 2021, 8, 205435812110099.	0.6	1
65	Case Report: Segmental Arterial Mediolytic, a Rare Cause of Hypertension. <i>Canadian Journal of Kidney Health and Disease</i> , 2020, 7, 205435812095088.	0.6	0
66	Brief ACE Inhibition Produces Persistent Changes That Protect Heart but Not Kidney From Lâ€NAME Induced Damage. <i>FASEB Journal</i> , 2009, 23, 1017.44.	0.2	0