

Brian L Rayner

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,866
citations

201385

27
h-index

182168

51
g-index

100
all docs

100
docs citations

100
times ranked

4098
citing authors

#	ARTICLE	IF	CITATIONS
1	Dulaglutide versus insulin glargine in patients with type 2 diabetes and moderate-to-severe chronic kidney disease (AWARD-7): a multicentre, open-label, randomised trial. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 605-617.	5.5	392
2	Mobile Phone Text Messages to Support Treatment Adherence in Adults With High Blood Pressure (SMS-Text Adherence Support [StAR]). <i>Circulation</i> , 2016, 133, 592-600.	1.6	230
3	Hypertension Pharmacological Treatment in Adults: A World Health Organization Guideline Executive Summary. <i>Hypertension</i> , 2022, 79, 293-301.	1.3	131
4	South African hypertension practice guideline 2014 : review article. <i>Cardiovascular Journal of Africa</i> , 2014, 25, 288-294.	0.2	119
5	Recent advances in hypertension in sub-Saharan Africa. <i>Heart</i> , 2013, 99, 1390-1397.	1.2	106
6	Chronic kidney disease in the global adult HIV-infected population: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0195443.	1.1	99
7	Hypertension in Blacks. <i>Hypertension</i> , 2018, 72, 263-269.	1.3	92
8	The spectrum of renal histologies seen in HIV with outcomes, prognostic indicators and clinical correlations. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 4109-4118.	0.4	90
9	Patterns of renal disease in Cape Town South Africa: a 10-year review of a single-centre renal biopsy database. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 1853-1861.	0.4	88
10	Comparison of Dual Therapies for Lowering Blood Pressure in Black Africans. <i>New England Journal of Medicine</i> , 2019, 380, 2429-2439.	13.9	85
11	A new mutation, R563Q, of the beta subunit of the epithelial sodium channel associated with low-renin, low-aldosterone hypertension. <i>Journal of Hypertension</i> , 2003, 21, 921-926.	0.3	71
12	Efficacy of a text messaging (SMS) based intervention for adults with hypertension: protocol for the StAR (SMS Text-message Adherence support trial) randomised controlled trial. <i>BMC Public Health</i> , 2014, 14, 28.	1.2	68
13	Roadmap to achieve 25% hypertension control in Africa by 2025. <i>Cardiovascular Journal of Africa</i> , 2017, 28, 261-272.	0.2	62
14	Physiological Phenotyping for Personalized Therapy of Uncontrolled Hypertension in Africa. <i>American Journal of Hypertension</i> , 2017, 30, 923-930.	1.0	60
15	Roadmap to Achieve 25% Hypertension Control in Africa by 2025. <i>Global Heart</i> , 2018, 13, 45.	0.9	59
16	Community-acquired Bacteremia in the Elderly: A Prospective Study of 121 Cases. <i>Journal of the American Geriatrics Society</i> , 1992, 40, 996-1000.	1.3	57
17	Differences in hypertension between blacks and whites: an overview. <i>Cardiovascular Journal of Africa</i> , 2007, 18, 241-7.	0.2	56
18	The chest radiograph A useful investigation in the evaluation of hypertensive patients. <i>American Journal of Hypertension</i> , 2004, 17, 507-510.	1.0	53

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19	Effect of Losartan Versus Candesartan on Uric Acid, Renal Function, and Fibrinogen in Patients With Hypertension and Hyperuricemia Associated With Diuretics. <i>American Journal of Hypertension</i> , 2006, 19, 208-213.	1.0	53
20	Dialysis Initiation: What's the Rush?. <i>Seminars in Dialysis</i> , 2013, 26, 650-657.	0.7	45
21	Common Elements in Rare Kidney Diseases: Conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. <i>Kidney International</i> , 2017, 92, 796-808.	2.6	40
22	Hypertension in blacks. <i>Journal of Hypertension</i> , 2017, 35, 234-239.	0.3	37
23	High Frequency of Variants of Candidate Genes in Black Africans with Low Renin-Resistant Hypertension. <i>American Journal of Hypertension</i> , 2017, 30, 478-483.	1.0	36
24	Continuous Ambulatory Peritoneal Dialysis: An Option in the Developing World?. <i>Peritoneal Dialysis International</i> , 1994, 14, 48-51.	1.1	33
25	The Association of the R563Q Genotype of the ENaC With Phenotypic Variation in Southern Africa. <i>American Journal of Hypertension</i> , 2012, 25, 1286-91.	1.0	33
26	Hypertension, end-stage renal disease and mesangiocapillary glomerulonephritis in methamphetamine users. <i>South African Medical Journal</i> , 2015, 105, 199.	0.2	32
27	The R563Q mutation of the epithelial sodium channel beta-subunit is associated with hypertension : cardiovascular topics. <i>Cardiovascular Journal of Africa</i> , 2011, 22, 241-244.	0.2	29
28	Primary aldosteronism and aldosterone-associated hypertension. <i>Journal of Clinical Pathology</i> , 2008, 61, 825-831.	1.0	27
29	Short communication: Association of pre-eclampsia with the R563Q mutation of the β -subunit of the epithelial sodium channel. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006, 113, 595-598.	1.1	26
30	G-protein-coupled receptor kinase 4 polymorphisms predict blood pressure response to dietary modification in Black patients with mild-to-moderate hypertension. <i>Journal of Human Hypertension</i> , 2012, 26, 334-339.	1.0	25
31	Disparities in dialysis allocation: An audit from the new South Africa. <i>PLoS ONE</i> , 2017, 12, e0176041.	1.1	25
32	Microalbuminuria and the metabolic syndrome in non-diabetic black Africans. <i>Diabetes and Vascular Disease Research</i> , 2007, 4, 365-367.	0.9	24
33	Clinicopathological insights into lupus nephritis in South Africans: a study of 251 patients. <i>Lupus</i> , 2012, 21, 1017-1024.	0.8	24
34	The Importance of G Protein-Coupled Receptor Kinase 4 (GRK4) in Pathogenesis of Salt Sensitivity, Salt Sensitive Hypertension and Response to Antihypertensive Treatment. <i>International Journal of Molecular Sciences</i> , 2015, 16, 5741-5749.	1.8	24
35	Peritoneal Dialysis in Cape Town, South Africa. <i>Peritoneal Dialysis International</i> , 2012, 32, 254-260.	1.1	22
36	Body weight and eGFR during dulaglutide treatment in type 2 diabetes and moderate-to-severe chronic kidney disease (AWARD-7). <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1493-1497.	2.2	22

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37	Hypertension: Detection and Management in South Africa. <i>Nephron Clinical Practice</i> , 2010, 116, c269-c273.	2.3	21
38	A prospective study of the demographics, management and outcome of patients with acute kidney injury in Cape Town, South Africa. <i>PLoS ONE</i> , 2017, 12, e0177460.	1.1	20
39	J Curve and Cuff Artefact, and Diagnostic Inertia in Resistant Hypertension. <i>Hypertension</i> , 2016, 67, 32-33.	1.3	19
40	The Impact of ACE Genotype on Serum ACE Activity in a Black South African Male Population. <i>Annals of Human Genetics</i> , 2007, 71, 1-7.	0.3	18
41	Life-threatening angio-oedema and death associated with the ACE inhibitor enalapril. <i>South African Medical Journal</i> , 2007, 97, 244-5.	0.2	17
42	An approach to the young hypertensive patient. <i>South African Medical Journal</i> , 2015, 106, 36.	0.2	16
43	Ambulatory blood pressure profiles in a subset of HIV-positive patients pre and post antiretroviral therapy : cardiovascular topic. <i>Cardiovascular Journal of Africa</i> , 2014, 25, 153-157.	0.2	16
44	A survey of hypertensive practices at two community health centres in Cape Town. <i>South African Medical Journal</i> , 2007, 97, 280-4.	0.2	15
45	Selective imidazoline agonist moxonidine plus the ACE inhibitor ramipril in hypertensive patients with impaired insulin sensitivity: partners in a successful MARRIAGE?. <i>Current Medical Research and Opinion</i> , 2004, 20, 359-367.	0.9	14
46	Outcomes and Challenges of A PD-First Program, A South-African Perspective. <i>Peritoneal Dialysis International</i> , 2018, 38, 179-186.	1.1	14
47	Clinical Outcomes by Albuminuria Status with Dulaglutide versus Insulin Glargine in Participants with Diabetes and CKD: AWARD-7 Exploratory Analysis. <i>Kidney360</i> , 2021, 2, 254-262.	0.9	14
48	Genetic Variation at Selected SNPs in the Leptin Gene and Association of Alleles with Markers of Kidney Disease in a Xhosa Population of South Africa. <i>PLoS ONE</i> , 2010, 5, e9086.	1.1	14
49	Nephrotic Syndrome in Adult Black South Africans: HIV-Associated Nephropathy as the Main Culprit. <i>Journal of the National Medical Association</i> , 2010, 102, 1193-1197.	0.6	13
50	Computational Analysis of Candidate Disease Genes and Variants for Salt-Sensitive Hypertension in Indigenous Southern Africans. <i>PLoS ONE</i> , 2010, 5, e12989.	1.1	13
51	Outcomes of rationing dialysis therapy in biopsy-proven end-stage renal disease in South Africa. <i>Journal of Nephrology</i> , 2012, 25, 551-557.	0.9	11
52	Kidney disease in elderly South Africans. <i>Clinical Nephrology</i> , 2013, 79, 269-276.	0.4	11
53	Vascular calcification in South African dialysis patients: Ethnic variation, prevalence, detection and haemodynamic correlates. <i>Nephrology</i> , 2012, 17, 607-615.	0.7	10
54	A Multicenter, Cross-Sectional Quality Improvement Project: The Perioperative Implementation of a Hypertension Protocol by Anesthesiologists. <i>Anesthesia and Analgesia</i> , 2020, 131, 1401-1408.	1.1	10

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55	South African Hypertension Society commentary on the American College of Cardiology/American Heart Association hypertension guidelines. <i>Cardiovascular Journal of Africa</i> , 2019, 30, 184-187.	0.2	10
56	A cross-sectional study of blood pressure control in hypertensive patients in general practice (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	10
57	Hypertension in adolescents and young adults referred to a tertiary hypertension clinic in Cape Town, South Africa. <i>Medicine (United States)</i> , 2020, 99, e23137.	0.4	9
58	Outcomes and challenges of a kidney transplant programme at Groote Schuur Hospital, Cape Town: A South African perspective. <i>PLoS ONE</i> , 2019, 14, e0211189.	1.1	7
59	Advances in the treatment of diabetic renal disease: focus on losartan. <i>Current Medical Research and Opinion</i> , 2004, 20, 333-340.	0.9	6
60	Outcome of Patients with Primary Immune-Complex Type Mesangiocapillary Glomerulonephritis (MCGN) in Cape Town South Africa. <i>PLoS ONE</i> , 2014, 9, e113302.	1.1	6
61	The effects of add-on corticosteroids on renal outcomes in patients with biopsy proven HIV associated nephropathy: a single centre study from South Africa. <i>BMC Nephrology</i> , 2019, 20, 44.	0.8	6
62	The importance of the epithelial sodium channel in determining salt sensitivity in people of African origin. <i>Pediatric Nephrology</i> , 2021, 36, 237-243.	0.9	6
63	The A142V Polymorphism of the G Protein Coupled Receptor Kinase 4 Gene Predicts Natriuretic Response to Saline Challenge in Young Normotensive Lean Black and White South African Men. <i>Nephrology Research & Reviews</i> , 2011, 3, 49-53.	0.2	5
64	Survey on available treatment for acute kidney injury in the Southern African Development Community and Nigeria: are we ready for zero deaths by 2025 in sub-Saharan Africa?. <i>BMJ Open</i> , 2019, 9, e029001.	0.8	5
65	Mortality risk factors in intensive care unit patients with acute kidney injury requiring renal replacement therapy: a retrospective cohort study. <i>Clinical Nephrology</i> , 2017, 88, 27-32.	0.4	5
66	Do inhibitors of the rennin-angiotensin system prevent chronic kidney disease?. <i>Cardiovascular Journal of Africa</i> , 2010, 21, 3-6.	0.2	5
67	Regional and physician specialty-associated variations in the medical management of atherosclerotic renal artery stenosis. <i>Journal of the American Society of Hypertension</i> , 2015, 9, 443-452.	2.3	4
68	Intimomedial mucoid degeneration causing aortic and renal artery aneurysms in a young adult. <i>Cardiovascular Journal of Africa</i> , 2016, 27, 49-52.	0.2	4
69	Vascular calcification is not associated with increased ambulatory central aortic systolic pressure in prevalent dialysis patients : cardiovascular topic. <i>Cardiovascular Journal of Africa</i> , 2014, 25, 4-8.	0.2	4
70	Update on the role of candesartan in the optimal management of hypertension and cardiovascular risk reduction. <i>Integrated Blood Pressure Control</i> , 2010, 3, 45.	0.4	3
71	Impact of recent landmark clinical trials on hypertension treatment. <i>Clinical Investigation</i> , 2011, 1, 1141-1154.	0.0	3
72	Liddle's syndrome in an African male due to a novel frameshift mutation in the beta-subunit of the epithelial sodium channel gene. <i>Cardiovascular Journal of Africa</i> , 2017, 28, e4-e6.	0.2	3

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73	A cross-sectional cohort study with microvascular complications in patients with type 2 diabetes with and without hypothyroidism. <i>Cardiovascular Journal of Africa</i> , 2020, 31, 5-8.	0.2	3
74	A Differential Response to Antihypertensive Therapy in African Men and Women: Insights From the CREOLE Trial. <i>American Journal of Hypertension</i> , 2022, 35, 551-560.	1.0	3
75	Physiological Treatment of Hypertension in Black Patients: Time for Action. <i>Circulation</i> , 2021, 143, 2367-2369.	1.6	2
76	The effect of beta-blockers on foetal birth weight in pregnancies in women with structural heart disease: a prospective cohort study. <i>Cardiovascular Journal of Africa</i> , 2020, 31, 28-33.	0.2	2
77	Generic substitution--is it safe in patients at high cardiovascular risk?. <i>South African Medical Journal</i> , 2002, 92, 603-4.	0.2	2
78	Screening and diagnosis of primary aldosteronism. , 2002, 13, 166-70.		2
79	Nonpharmacologic Prevention and Treatment of Hypertension. , 2010, , 421-429.		1
80	The young hypertensive. <i>South African Family Practice: Official Journal of the South African Academy of Family Practice/Primary Care</i> , 2012, 54, S29-S30.	0.2	1
81	Registration of amiloride in South Africa: Cutting the Gordian knot. <i>South African Medical Journal</i> , 2019, 109, 632.	0.2	1
82	Adequacy of peritoneal dialysis and nutritional status in patients on continuous ambulatory peritoneal dialysis (CAPD). <i>South African Medical Journal</i> , 2002, 92, 887-9.	0.2	1
83	Prescribed minimum benefits or minimum prescribed benefits?. <i>South African Medical Journal</i> , 2004, 94, 623-4.	0.2	1
84	Importance of modulating the renin-angiotensin system in preventing renal complications of hypertension. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2006, 17, 469-80.	0.4	1
85	Losartan appears cost-effective for reducing stroke in people with hypertension and left ventricular hypertrophy. <i>Evidence-based Cardiovascular Medicine</i> , 2006, 10, 94-95.	0.0	0
86	Renal Acid Excretion in Hypertensive Black Africans. <i>Nephrology Research & Reviews</i> , 2009, 1, 5-7.	0.2	0
87	GLP-1 receptor agonists, CKD, and eGFR trajectory – Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 765.	5.5	0
88	<p>The effect of lercanidipine or lercanidipine/enalapril combination on blood pressure in treatment-naïve patients with stage 1 or 2 systolic hypertension</p>. <i>Journal of Pragmatic and Observational Research</i> , 2019, Volume 10, 9-14.	1.1	0
89	Lionel Opie, MD, DPhil, DSc, FRCP (May 6, 1933–February 20, 2020). <i>Hypertension</i> , 2020, 75, 1358-1359.	1.3	0
90	Adrenal-Oncocytic Tumor: An Unusual Cause of Secondary Hypertension in a Young South African Male. <i>Nephrology Research & Reviews</i> , 2010, 2, 53-55.	0.2	0

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91	Renal denervation: bleak past, brighter future. Cardiovascular Journal of Africa, 2019, 30, 249-250.	0.2	0
92	The impact of vascular calcification among dialysis-dependent South African patients: a 5-year follow-up study. Clinical Nephrology, 2020, 94, 18-25.	0.4	0
93	Acute kidney injury in ICU – “ Does it matter where?. Clinical Nephrology, 2020, 94, 161-162.	0.4	0
94	The importance of guidelines. Cardiovascular Journal of Africa, 2014, 25, 296-7.	0.2	0
95	Target blood pressure: a South African perspective. Cardiovascular Journal of Africa, 2019, 30, 71-73.	0.2	0
96	COVID-19 complications in a small-town hospital in South Africa.. South African Medical Journal, 2021, 111, 1046-1049.	0.2	0