

# Ayesha A Motala

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

9,970  
citations

159585

30  
h-index

71685

76  
g-index

84  
all docs

84  
docs citations

84  
times ranked

14702  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global and regional diabetes prevalence estimates for 2019 and projections for 2030 and 2045: Results from the International Diabetes Federation Diabetes Atlas, 9th edition. <i>Diabetes Research and Clinical Practice</i> , 2019, 157, 107843.	2.8	5,764
2	Diabetes in sub-Saharan Africa. <i>Lancet</i> , The, 2010, 375, 2254-2266.	13.7	567
3	The African Genome Variation Project shapes medical genetics in Africa. <i>Nature</i> , 2015, 517, 327-332.	27.8	473
4	Global estimates of undiagnosed diabetes in adults. <i>Diabetes Research and Clinical Practice</i> , 2014, 103, 150-160.	2.8	423
5	Enabling the genomic revolution in Africa. <i>Science</i> , 2014, 344, 1346-1348.	12.6	361
6	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	21.4	250
7	Association of HIV and ART with cardiometabolic traits in sub-Saharan Africa: a systematic review and meta-analysis. <i>International Journal of Epidemiology</i> , 2013, 42, 1754-1771.	1.9	158
8	Uganda Genome Resource Enables Insights into Population History and Genomic Discovery in Africa. <i>Cell</i> , 2019, 179, 984-1002.e36.	28.9	152
9	Diabetes in the Africa region: An update. <i>Diabetes Research and Clinical Practice</i> , 2014, 103, 197-205.	2.8	146
10	The Prevalence of Metabolic Syndrome and Determination of the Optimal Waist Circumference Cutoff Points in a Rural South African Community. <i>Diabetes Care</i> , 2011, 34, 1032-1037.	8.6	130
11	Diabetes and Other Disorders of Glycemia in a Rural South African Community. <i>Diabetes Care</i> , 2008, 31, 1783-1788.	8.6	111
12	South African Indians Show a High Prevalence of NIDDM and Bimodality in Plasma Glucose Distribution Patterns. <i>Diabetes Care</i> , 1994, 17, 70-73.	8.6	86
13	Title is missing!. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2003, 10, 77-83.	1.5	74
14	Diabetes trends in Africa. <i>Diabetes/Metabolism Research and Reviews</i> , 2002, 18, S14-S20.	4.0	60
15	Effect of Insulin Therapy on Blood Pressure in NIDDM Patients With Secondary Failure. <i>Diabetes Care</i> , 1992, 15, 1258-1263.	8.6	58
16	Genome-wide association study of type 2 diabetes in Africa. <i>Diabetologia</i> , 2019, 62, 1204-1211.	6.3	56
17	Toll-like receptor 3 gene polymorphisms in South African Blacks with type 1 diabetes. <i>Tissue Antigens</i> , 2005, 66, 125-130.	1.0	53
18	High Risk of Progression to NIDDM in South-African Indians with Impaired Glucose Tolerance. <i>Diabetes</i> , 1993, 42, 556-563.	0.6	49

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19	Open-source electronic data capture system offered increased accuracy and cost-effectiveness compared with paper methods in Africa. <i>Journal of Clinical Epidemiology</i> , 2014, 67, 1358-1363.	5.0	49
20	Regional Patterns and Association Between Obesity and Hypertension in Africa. <i>Hypertension</i> , 2020, 75, 1167-1178.	2.7	49
21	Contribution of Selective HLA-DRB1/DQB1 Alleles and Haplotypes to the Genetic Susceptibility of Type 1 Diabetes among Lebanese and Bahraini Arabs. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5104-5109.	3.6	47
22	High incidence of Type 2 diabetes mellitus in South African Indians: a 10-year follow-up study. <i>Diabetic Medicine</i> , 2003, 20, 23-30.	2.3	42
23	Application of the new ADA criteria for the diagnosis of diabetes to population studies in sub-Saharan Africa. <i>Diabetic Medicine</i> , 2000, 17, 381-385.	2.3	40
24	Studies of the Peptide YY and Neuropeptide Y2 Receptor Genes in Relation to Human Obesity and Obesity-Related Traits. <i>Diabetes</i> , 2004, 53, 2461-2466.	0.6	40
25	Transferability of genetic risk scores in African populations. <i>Nature Medicine</i> , 2022, 28, 1163-1166.	30.7	39
26	Comparative assessment of absolute cardiovascular disease risk characterization from non-laboratory-based risk assessment in South African populations. <i>BMC Medicine</i> , 2013, 11, 170.	5.5	38
27	Burden of Diabetes and First Evidence for the Utility of HbA1c for Diagnosis and Detection of Diabetes in Urban Black South Africans: The Durban Diabetes Study. <i>PLoS ONE</i> , 2016, 11, e0161966.	2.5	38
28	Diabetes in Africa. Epidemiology of type 1 and type 2 diabetes in Africa. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2003, 10, 77-83.	1.5	37
29	Epidemiology of Type 1 and Type 2 Diabetes in Africa. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2003, 10, 77-83.	2.8	36
30	HLA Class II Profile and Distribution of HLA-DRB1 and HLA-DQB1 Alleles and Haplotypes among Lebanese and Bahraini Arabs. <i>Vaccine Journal</i> , 2004, 11, 770-774.	2.6	35
31	Metabolic Syndrome in South African Patients with Severe Mental Illness: Prevalence and Associated Risk Factors. <i>PLoS ONE</i> , 2016, 11, e0149209.	2.5	33
32	Fasting in Ramadan and the Diabetic Patient. <i>Diabetes Care</i> , 1997, 20, 1925-1926.	8.6	29
33	Characteristics, management and outcome of primary hyperparathyroidism in South Africa: a single-centre experience. <i>Postgraduate Medical Journal</i> , 2013, 89, 626-631.	1.8	26
34	HLA class I and II antigens in South African Blacks with Graves' disease. <i>Clinical Immunology and Immunopathology</i> , 1990, 54, 98-102.	2.0	25
35	High prevalence of cardiovascular risk factors in Durban South African Indians: The Phoenix Lifestyle Project. <i>South African Medical Journal</i> , 2016, 106, 284.	0.6	25
36	HLA class II antigens in South African Blacks with type I diabetes. <i>Tissue Antigens</i> , 2001, 57, 348-352.	1.0	23

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37	Specific HLA-DRB and -DQB Alleles and Haplotypes Confer Disease Susceptibility or Resistance in Bahraini Type 1 Diabetes Patients. <i>Vaccine Journal</i> , 2004, 11, 292-296.	2.6	23
38	Very low rates of screening for metabolic syndrome among patients with severe mental illness in Durban, South Africa. <i>BMC Psychiatry</i> , 2014, 14, 228.	2.6	20
39	Data Resource Profile: Cardiovascular H3Africa Innovation Resource (CHAIR). <i>International Journal of Epidemiology</i> , 2019, 48, 366-367g.	1.9	19
40	Type 2 diabetes mellitus in sub-Saharan Africa: challenges and opportunities. <i>Nature Reviews Endocrinology</i> , 2022, 18, 219-229.	9.6	19
41	Transient Impaired Glucose Tolerance in South African Indians Does Not Carry a Risk for Progression to NIDDM. <i>Diabetes Care</i> , 1997, 20, 1101-1107.	8.6	18
42	Evidence for Impaired Pancreatic Beta Cell Function in South African Indians with Impaired Glucose Tolerance. <i>Diabetic Medicine</i> , 1994, 11, 437-444.	2.3	17
43	Non-alcoholic fatty liver disease in Africa: a hidden danger. <i>Global Health, Epidemiology and Genomics</i> , 2019, 4, e3.	0.8	16
44	Sociodemographic inequities associated with participation in leisure-time physical activity in sub-Saharan Africa: an individual participant data meta-analysis. <i>BMC Public Health</i> , 2020, 20, 927.	2.9	16
45	Susceptible and Protective Human Leukocyte Antigen Class II Alleles and Haplotypes in Bahraini Type 2 (Non-Insulin-Dependent) Diabetes Mellitus Patients. <i>Vaccine Journal</i> , 2005, 12, 213-217.	3.1	14
46	The value of glycosylated haemoglobin as a substitute for the oral glucose tolerance test in the detection of impaired glucose tolerance (IGT). <i>Diabetes Research and Clinical Practice</i> , 1992, 17, 199-207.	2.8	12
47	Metabolic syndrome in antipsychotic naive African patients with severe mental illness in usual care. <i>Microbial Biotechnology</i> , 2018, 12, 1137-1143.	1.7	12
48	Polygenic Prediction of Type 2 Diabetes in Africa. <i>Diabetes Care</i> , 2022, 45, 717-723.	8.6	12
49	Metabolic syndrome in sub-Saharan Africa. <i>Ethnicity and Disease</i> , 2009, 19, S2-8-10.	2.3	12
50	HIV treatment is associated with a twofold higher probability of raised triglycerides: pooled analyses in 21,023 individuals in sub-Saharan Africa. <i>Global Health, Epidemiology and Genomics</i> , 2018, 3, .	0.8	11
51	Building a Platform to Enable NCD Research to Address Population Health in Africa: CVD Working Group Discussion at the Sixth H3Africa Consortium Meeting in Zambia. <i>Global Heart</i> , 2020, 11, 165.	2.3	11
52	Evaluation of WHO and NDDG criteria for impaired glucose tolerance. <i>Diabetes Research and Clinical Practice</i> , 1994, 23, 103-109.	2.8	10
53	Sustaining diabetes prevention and care interventions: A multiple case study of translational research projects. <i>Diabetes Research and Clinical Practice</i> , 2017, 130, 67-76.	2.8	9
54	Prevalence and characteristics of celiac disease in South African patients with type 1 diabetes mellitus: Results from the Durban Diabetes and Celiac Disease Study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 673-678.	2.8	8

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55	The International Diabetes Federation: losing its credibility by partnering with Nestl�. Lancet, The, 2012, 380, 805.	13.7	7
56	Retinopathy in subjects with type 2 diabetes at a tertiary diabetes clinic in Durban, South Africa: Clinical, biochemical and genetic factors. Journal of Clinical and Translational Endocrinology, 2014, 1, e9-e12.	1.4	6
57	Lifestyle modification in the management of insulin resistance states in overweight/obesity: the role of exercise training. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2019, 24, 65-69.	0.2	6
58	High prevalence of antithyroid peroxidase and antiparietal cell antibodies among patients with type 1 diabetes mellitus attending a tertiary diabetes centre in South Africa. Postgraduate Medical Journal, 2017, 93, 338-343.	1.8	5
59	Improvement in Muscular Strength in HIV-Infected Individuals Receiving Antiretroviral Therapy. Journal of Functional Morphology and Kinesiology, 2019, 4, 66.	2.4	5
60	Cardiovascular disease management in people with diabetes outside North America and Western Europe in 2006 and 2015. Diabetic Medicine, 2019, 36, 878-887.	2.3	5
61	Distribution of HLA class II (DRB1/DQB1) alleles and haplotypes among Bahraini and Lebanese Arabs. Transplantation Proceedings, 2004, 36, 1844-1846.	0.6	4
62	High frequency of hypoglycaemia in patients with type 1 diabetes mellitus attending a tertiary diabetes clinic in Durban, South Africa. Diabetes Research and Clinical Practice, 2019, 155, 107783.	2.8	4
63	Diabetes management and treatment approaches outside of North America and West Europe in 2006 and 2015. Acta Diabetologica, 2019, 56, 889-897.	2.5	4
64	Rickets mimicker: a report of two cases of primary hyperparathyroidism in adolescence. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2019, 24, 23-27.	0.2	4
65	Clinic-based diabetes screening at the time of HIV testing and associations with poor clinical outcomes in South Africa: a cohort study. BMC Infectious Diseases, 2021, 21, 789.	2.9	4
66	Epidemiology of Diabetes in Africa. , 0, , 133-146.		4
67	Fluorescent automated single-stranded conformation (F-SSCP) analysis is able to detect a point mutation at the extreme 5' end of a PCR product. Clinical Biochemistry, 1999, 32, 481-484.	1.9	3
68	High prevalence of abnormal liver enzymes in South African patients with type 2 diabetes mellitus attending a diabetes clinic. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2011, 16, 43-47.	0.2	3
69	Essential medicines and access to insulin. Lancet Diabetes and Endocrinology,the, 2017, 5, 324-325.	11.4	3
70	High risk of metabolic syndrome among black South African women with severe mental illness. South African Journal of Psychiatry, 2017, 23, 1089.	0.4	3
71	HIV infection and anaemia do not affect HbA 1c for the detection of diabetes in black South Africans: Evidence from the Durban Diabetes Study. Diabetic Medicine, 2021, 38, e14605.	2.3	3
72	Genetic loci implicated in meta-analysis of body shape in Africans. Nutrition, Metabolism and Cardiovascular Diseases, 2022, , .	2.6	3

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73	Diabetes Leadership Forum 2010: This time for Africa. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2010, 15, 111-112.	0.2	2
74	Characteristics and outcome of surgically treated pituitary tumours in South Africa: a single-centre experience. Clinical Endocrinology, 2017, 86, 534-540.	2.4	2
75	Characteristics and outcome of patients with pheochromocytoma at a tertiary endocrinology clinic in Durban, South Africa over 14 years. Journal of Endocrinology Metabolism and Diabetes of South Africa, 0, , 1-7.	0.2	2
76	Cost-effective management of diabetes mellitus. Ethnicity and Disease, 2006, 16, S2-79-84.	2.3	2
77	Myocardial perfusion imaging for evaluation of suspected ischemia and its relationship with glycemic control in South African subjects with diabetes mellitus. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2014, 7, 545.	2.4	1
78	Trends in glycaemic control and morbidity over 10 years in patients with type 1 diabetes mellitus at Inkosi Albert Luthuli Central Hospital. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2020, 25, 36-43.	0.2	1
79	Screening for asymptomatic coronary artery disease in type 2 diabetes mellitus. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2008, 13, 14-17.	0.2	0
80	Diabetes in the Middle East: from Bedouins and pearl divers to the scourge of diabetes. Journal of Diabetes, 2015, 7, 610-612.	1.8	0
81	Characteristics and outcome of surgically treated acromegaly patients attending an endocrinology clinic at a tertiary referral centre in Durban, South Africa over a period of 10 years. Journal of Endocrinology Metabolism and Diabetes of South Africa, 2018, 23, 64-69.	0.2	0
82	Diabetes in the Tropics. , 2014, , 873-878.e2.		0
83	Progressive resistance training irrespective of whey protein intake improves quality of life in HIV-infected individuals on antiretroviral therapy. African Journal for Physical Activity and Health Sciences, 2021, 27, 288-303.	0.1	0