

# Bruce B Duncan

## List of Publications by Year in descending order

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89  
papers

14,844  
citations

178948

27  
h-index

52041

80  
g-index

95  
all docs

95  
docs citations

95  
times ranked

20599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence and Mortality of Heart Failure Stages in a Free-Living Older Adult Population: Data From the Brazilian Longitudinal Study of Adult Health. <i>Journal of the American Heart Association</i> , 2025, 14, .	4.3	0
2	Optimal cardiovascular health is associated with slower cognitive decline. <i>European Journal of Neurology</i> , 2024, 31, .	3.7	3
3	The Development of the Municipal Registry of People with Diabetes in Porto Alegre, Brazil. <i>Journal of Clinical Medicine</i> , 2024, 13, 2783.	2.6	0
4	The Global Burden of Disease Study—a kidney disease resource. <i>Nephrology Dialysis Transplantation</i> , 2024, 39, 1751-1753.	0.8	1
5	Association between Leisure-Time and Commute Physical Activity and Pre-Diabetes and Diabetes in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 806.	3.1	0
6	Letter by Schmidt et al Regarding Article, “Risk of Macrovascular and Microvascular Disease in Diabetes Diagnosed Using Oral Glucose Tolerance Test With and Without Confirmation by Hemoglobin A1c: The Whitehall II Cohort Study”. <i>Circulation</i> , 2023, 147, 987-987.	19.4	0
7	Liver steatosis as a predictor of incident diabetes in adults: a prospective evaluation in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Cadernos De Saude Publica</i> , 2023, 39, .	1.0	1
8	Association Between 24-Hour Movement Behavior and Cognitive Function in Brazilian Middle-Aged and Older Adults: Findings From the ELSA-Brasil. <i>Innovation in Aging</i> , 2023, 7, .	0.1	9
9	Spatial clusters of diabetes: individual and neighborhood characteristics in the ELSA-Brasil cohort study. <i>Cadernos De Saude Publica</i> , 2023, 39, .	1.0	0
10	The high salt intake in adults with metabolic syndrome is related to increased waist circumference and blood pressure: the Brazilian Longitudinal Study of Adult Health study (ELSA-Brasil). <i>Nutrition</i> , 2023, 114, 112108.	2.8	2
11	Uncovering the Relationship Between Statins and Muscle Problems in the ELSA-Brasil MSK Cohort. <i>Cardiovascular Drugs and Therapy</i> , 2023, , .	2.2	1
12	Changes in Lifestyle Habits in Individuals with Diabetes during the COVID-19 Pandemic: The ELSA-Brasil Cohort Study. <i>Covid</i> , 2023, 3, 1601-1611.	1.1	0
13	Association between ultra-processed food consumption and the incidence of type 2 diabetes: the ELSA-Brasil cohort. <i>Diabetology and Metabolic Syndrome</i> , 2023, 15, .	3.6	10
14	Achievement of Treatment Goals and Mortality in Individuals with Diabetes: The ELSA-Brasil Study. <i>Journal of Clinical Medicine</i> , 2023, 12, 7663.	2.6	0
15	Incidence of excess body weight and annual weight gain in women and men: Results from the ELSA-Brasil cohort. <i>American Journal of Human Biology</i> , 2022, , .	1.6	3
16	Premature mortality due to four main non-communicable diseases and suicide in Brazil and its states from 1990 to 2019: A Global Burden of Disease Study. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2022, 55, .	0.9	5
17	The inflammatory food index and its association with weight gain and incidence of diabetes: Longitudinal Study of Adult Health (ELSA-Brasil). <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 675-683.	3.4	3
18	Exposure to and Burden of Major Non-Communicable Disease Risk Factors in Brazil and its States, 1990-2019: The Global Burden of Disease Study. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2022, 55, .	0.9	5

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19	IDF Diabetes Atlas: Global, regional and country-level diabetes prevalence estimates for 2021 and projections for 2045. <i>Diabetes Research and Clinical Practice</i> , 2022, 183, 109119.	4.8	4,562
20	Consumo de bebidas alcoólicas e obesidade abdominal: resultados da linha de base do ELSA-Brasil. <i>Ciencia E Saude Coletiva</i> , 2022, 27, 737-746.	0.9	2
21	Sex differences in the association between alcohol intake and cognitive decline over 4 years in a middle-aged cohort: The Brazilian Longitudinal Study of Adult Health. <i>European Journal of Neurology</i> , 2022, 29, 1903-1912.	3.7	3
22	Commentary on Education-Related Health Inequities in Noncommunicable Diseases: An Analysis of the Brazilian National Health Survey, 2013 and 2019. <i>Cadernos De Saude Publica</i> , 2022, 38, .	1.0	1
23	Thyroid-Stimulating Hormone and Thyroid Hormones and Incidence of Diabetes: Prospective Results of the Brazilian Longitudinal Study of Adult Health (ELSA-BRASIL). <i>Thyroid</i> , 2022, 32, 694-704.	4.7	8
24	Diabetes autorreferido e fatores associados na população adulta brasileira: Pesquisa Nacional de Saúde, 2019. <i>Ciencia E Saude Coletiva</i> , 2022, 27, 2643-2653.	0.9	9
25	Self-reported diabetes and factors associated with it in the Brazilian adult population: National Health Survey, 2019. <i>Ciencia E Saude Coletiva</i> , 2022, 27, 2643-2653.	0.9	0
26	The association between salt intake and blood pressure is mediated by body mass index but modified by hypertension: The ELSA-Brasil study. <i>Journal of Human Hypertension</i> , 2022, 37, 472-479.	2.6	4
27	Birth weight and body fat mass in adults assessed by bioimpedance in the ELSA-Brasil study. <i>Cadernos De Saude Publica</i> , 2021, 37, .	1.0	4
28	A pandemia da COVID-19 no Brasil: a série de projeções do Institute for Health Metrics and Evaluation e a evolução observada, maio a agosto de 2020. <i>Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil</i> , 2021, 30, .	1.1	8
29	Associations of Total Legume, Pulse, and Soy Consumption with Incident Type 2 Diabetes: Federated Meta-Analysis of 27 Studies from Diverse World Regions. <i>Journal of Nutrition</i> , 2021, 151, 1231-1240.	3.0	34
30	Incidence of thyroid diseases: Results from the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Archives of Endocrinology and Metabolism</i> , 2021, , .	1.4	3
31	Heterogeneity of Associations between Total and Types of Fish Intake and the Incidence of Type 2 Diabetes: Federated Meta-Analysis of 28 Prospective Studies Including 956,122 Participants. <i>Nutrients</i> , 2021, 13, 1223.	4.6	8
32	Association between control of diabetes mellitus and polypharmacy at the Brazilian Longitudinal Study of Adult Health ( ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td ( ELSA-Brasil) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 212 Td	2.1	3
33	Control of Glucose, Blood Pressure, and Cholesterol among Adults with Diabetes: The Brazilian National Health Survey. <i>Journal of Clinical Medicine</i> , 2021, 10, 3428.	2.6	10
34	Reference values for the triglyceride to high-density lipoprotein ratio and its association with cardiometabolic diseases in a mixed adult population: The ELSA-Brasil study. <i>Journal of Clinical Lipidology</i> , 2021, 15, 699-711.	2.0	12
35	Deep neural network-estimated electrocardiographic age as a mortality predictor. <i>Nature Communications</i> , 2021, 12, .	14.1	115
36	Regression to the Mean Contributes to the Apparent Improvement in Glycemia 3.8 Years After Screening: The ELSA-Brasil Study. <i>Diabetes Care</i> , 2021, 44, 81-88.	9.5	15

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37	The positive association between serum uric acid, impaired fasting glucose, impaired glucose tolerance, and diabetes mellitus in the ELSA-Brasil study. <i>Cadernos De Saude Publica</i> , 2021, 37, .	1.0	4
38	Predictors of coronary artery calcium incidence and progression: The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Atherosclerosis</i> , 2020, 309, 8-15.	1.2	15
39	Aryl-hydrocarbon receptor binding and the incidence of type 2 diabetes: the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Environmental Health</i> , 2020, 19, .	5.6	13
40	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1223-1249.	35.3	5,158
41	Diabetes and subclinical hypothyroidism on heart rate variability. <i>European Journal of Clinical Investigation</i> , 2020, 50, .	3.2	9
42	Homeostasis model assessment of insulin resistance (HOMA-IR) and metabolic syndrome at baseline of a multicentric Brazilian cohort: ELSA-Brasil study. <i>Cadernos De Saude Publica</i> , 2020, 36, .	1.0	16
43	Clinical practice guidelines in Brazil â€“ developing a national programme. <i>Health Research Policy and Systems</i> , 2020, 18, .	2.8	7
44	Sleep problems and their association with weight and waist gain - The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Sleep Medicine</i> , 2020, 73, 196-201.	1.4	0
45	Association between diabetes and cognitive function at baseline in the Brazilian Longitudinal Study of Adult Health (ELSA- Brasil). <i>Scientific Reports</i> , 2020, 10, .	3.7	39
46	A nationwide analysis of the excess death attributable to diabetes in Brazil. <i>Journal of Global Health</i> , 2020, 10, .	3.0	13
47	Increased particle size of triacylglycerol-enriched remnant lipoproteins, but not their plasma concentration or lipid content, augments risk prediction of incident type 2 diabetes. <i>Diabetologia</i> , 2020, 64, 385-396.	8.1	16
48	The burden of low back pain in Brazil: estimates from the Global Burden of Disease 2017 Study. <i>Population Health Metrics</i> , 2020, 18, .	2.3	27
49	Protocol implementation for venous thromboembolism prophylaxis: a before-and-after study in medical and surgical patients. <i>Jornal Brasileiro De Pneumologia</i> , 2020, 46, e20180325-e20180325.	0.6	2
50	Association between cognitive performance and self-reported glaucoma in middle-aged and older adults: a cross-sectional analysis of ELSA-Brasil. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, .	1.4	4
51	Impact of improved low-density lipoprotein cholesterol assessment on guideline classification in the modern treatment eraâ€“Results from a racially diverse Brazilian cross-sectional study. <i>Journal of Clinical Lipidology</i> , 2019, 13, 804-811.e2.	2.0	11
52	Insulin resistance underlying type 2 diabetes â€“ Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , the, 2019, 7, 424-425.	22.3	0
53	Greater aortic stiffness is associated with renal dysfunction in participants of the ELSA-Brasil cohort with and without hypertension and diabetes. <i>PLoS ONE</i> , 2019, 14, e0210522.	2.5	15
54	Context-dependence of race self-classification: Results from a highly mixed and unequal middle-income country. <i>PLoS ONE</i> , 2019, 14, e0216653.	2.5	26

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55	Decreased heart rate variability as a predictor for diabetes—A prospective study of the Brazilian longitudinal study of adult health. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, .	5.0	11
56	Physical inactivity as risk factor for mortality by diabetes mellitus in Brazil in 1990, 2006, and 2016. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, .	3.6	19
57	Sex-specific patterns in the association between salt intake and blood pressure: The ELSA-Brasil study. <i>Journal of Clinical Hypertension</i> , 2019, 21, 502-509.	2.1	33
58	Intermediate hyperglycaemia to predict progression to type 2 diabetes (ELSA-Brasil): an occupational cohort study in Brazil. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 267-277.	22.3	58
59	Malnutrition and its associated factors: a cross-sectional study with children under 2 years in a suburban area in Angola. <i>BMC Public Health</i> , 2019, 19, .	3.3	16
60	Four-year adiposity change and remission of hypertension: an observational evaluation from the Longitudinal Study of Adult Health (ELSA-Brasil). <i>Journal of Human Hypertension</i> , 2019, 34, 68-75.	2.6	7
61	The prevalence and correlates of subclinical atherosclerosis among adults with low-density lipoprotein cholesterol <math>\leq 70\text{ mg/dL}</math>: The Multi-Ethnic Study of Atherosclerosis (MESA) and Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Atherosclerosis</i> , 2018, 274, 61-66.	1.2	12
62	Carotid-femoral pulse wave velocity in a healthy adult sample: The ELSA-Brasil study. <i>International Journal of Cardiology</i> , 2018, 251, 90-95.	2.2	31
63	Lifestyle Intervention for the Prevention of Diabetes in Women With Previous Gestational Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2018, 9, .	4.0	96
64	Brazilian dietary patterns and the dietary approaches to stop hypertension (DASH) diet-relationship with metabolic syndrome and newly diagnosed diabetes in the ELSA-Brasil study. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, .	3.6	40
65	Associations of Cigarette Smoking With Subclinical Inflammation and Atherosclerosis: ELSA-Brasil (The Brazilian Longitudinal Study of Adult Health). <i>Journal of the American Heart Association</i> , 2017, 6, .	4.3	71
66	Sex-specific associations of low birth weight with adult-onset diabetes and measures of glucose homeostasis: Brazilian Longitudinal Study of Adult Health. <i>Scientific Reports</i> , 2016, 6, .	3.7	14
67	Implications of the New US Cholesterol Guidelines in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Clinical Cardiology</i> , 2016, 39, 215-222.	2.1	5
68	Plasminogen activator inhibitor-1 and type 2 diabetes: a systematic review and meta-analysis of observational studies. <i>Scientific Reports</i> , 2016, 6, .	3.7	89
69	Cardiovascular Health in Brazil. <i>Circulation</i> , 2016, 133, 422-433.	19.4	237
70	Chronic kidney disease among adult participants of the ELSA-Brasil cohort: association with race and socioeconomic position. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 380-389.	3.4	91
71	Artificially Sweetened Beverage Consumption Is Positively Associated with Newly Diagnosed Diabetes in Normal-Weight but Not in Overweight or Obese Brazilian Adults. <i>Journal of Nutrition</i> , 2016, 146, 290-297.	3.0	14
72	Total and Full-Fat, but Not Low-Fat, Dairy Product Intakes are Inversely Associated with Metabolic Syndrome in Adults. <i>Journal of Nutrition</i> , 2016, 146, 81-89.	3.0	64

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73	Trends in mortality due to diabetes in Brazil, 1996–2011. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, .	3.6	24
74	Inconsistency of Association between Coffee Consumption and Cognitive Function in Adults and Elderly in a Cross-Sectional Study (ELSA-Brasil). <i>Nutrients</i> , 2015, 7, 9590-9601.	4.6	23
75	Coffee Consumption, Newly Diagnosed Diabetes, and Other Alterations in Glucose Homeostasis: A Cross-Sectional Analysis of the Longitudinal Study of Adult Health (ELSA-Brasil). <i>PLoS ONE</i> , 2015, 10, e0126469.	2.5	30
76	Cohort Profile: Longitudinal Study of Adult Health (ELSA-Brasil). <i>International Journal of Epidemiology</i> , 2015, 44, 68-75.	5.2	453
77	Impact of the International Association of Diabetes and Pregnancy Study Groups criteria for gestational diabetes. <i>Diabetes Research and Clinical Practice</i> , 2015, 108, 288-295.	4.8	51
78	Associations of dairy intake with glycemia and insulinemia, independent of obesity, in Brazilian adults: the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>American Journal of Clinical Nutrition</i> , 2015, 101, 775-782.	5.1	49
79	High prevalence of diabetes and intermediate hyperglycemia – The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, .	3.6	105
80	Chronic inflammation role in the obesity-diabetes association: a case-cohort study. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, .	3.6	79
81	Delineamento e implementacao do biobanco do ELSA-Brasil: estudo prospectivo na populacao brasileira. <i>Revista De Saude Publica</i> , 2013, 47, 72-78.	1.2	15
82	Brazilian Longitudinal Study of Adult Health (ELSA-Brasil): Objectives and Design. <i>American Journal of Epidemiology</i> , 2012, 175, 315-324.	3.6	583
83	The Epidemiology of Low-Grade Chronic Systemic Inflammation and Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2006, 8, 7-17.	5.4	73
84	Adiponectin and the Development of Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 2473-2478.	0.5	295
85	Inflammation Markers Predict Increased Weight Gain in Smoking Quitters. <i>Obesity</i> , 2003, 11, 1339-1344.	4.9	26
86	Low-Grade Systemic Inflammation and the Development of Type 2 Diabetes. <i>Diabetes</i> , 2003, 52, 1799-1805.	0.5	883
87	Fibrinogen, Other Putative Markers of Inflammation, and Weight Gain in Middle-aged Adults – The ARIC Study. <i>Obesity</i> , 2000, 8, 279-286.	4.9	112
88	Markers of inflammation and prediction of diabetes mellitus in adults (Atherosclerosis Risk in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 35.3 881		
89	Lifetime risk of developing diabetes and years of life lost among those with diabetes in Brazil. <i>Journal of Global Health</i> , 0, 11, .	3.0	11