

# Lara Dugas

## List of Publications by Year in descending order

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Version: 2024-02-01

121  
papers

4,380  
citations

136740

32  
h-index

128067

60  
g-index

124  
all docs

124  
docs citations

124  
times ranked

5733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sports-Specialized Intensive Training and the Risk of Injury in Young Athletes. <i>American Journal of Sports Medicine</i> , 2015, 43, 794-801.	1.9	403
2	Sports Specialization in Young Athletes. <i>Sports Health</i> , 2013, 5, 251-257.	1.3	348
3	Daily energy expenditure through the human life course. <i>Science</i> , 2021, 373, 808-812.	6.0	234
4	Constrained Total Energy Expenditure and Metabolic Adaptation to Physical Activity in Adult Humans. <i>Current Biology</i> , 2016, 26, 410-417.	1.8	214
5	Metabolic acceleration and the evolution of human brain size and life history. <i>Nature</i> , 2016, 533, 390-392.	13.7	198
6	BMI, fat and muscle differences in urban women of five ethnicities from two countries. <i>International Journal of Obesity</i> , 2007, 31, 1232-1239.	1.6	150
7	Energy expenditure in adults living in developing compared with industrialized countries: a meta-analysis of doubly labeled water studies. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 427-441.	2.2	111
8	Specialization patterns across various youth sports and relationship to injury risk. <i>Physician and Sportsmedicine</i> , 2017, 45, 344-352.	1.0	111
9	Assessing Physical Activity and its Relationship to Cardiovascular Risk Factors: NHANES 2003-2006. <i>BMC Public Health</i> , 2011, 11, 387.	1.2	110
10	An Actor-Based Model of Social Network Influence on Adolescent Body Size, Screen Time, and Playing Sports. <i>PLoS ONE</i> , 2012, 7, e39795.	1.1	99
11	Extreme events reveal an alimentary limit on sustained maximal human energy expenditure. <i>Science Advances</i> , 2019, 5, eaaw0341.	4.7	87
12	Conjugated linoleic acid versus high-oleic acid sunflower oil: effects on energy metabolism, glucose tolerance, blood lipids, appetite and body composition in regularly exercising individuals. <i>British Journal of Nutrition</i> , 2007, 97, 1001-1011.	1.2	82
13	Gut microbiota varies by opioid use, circulating leptin and oxytocin in African American men with diabetes and high burden of chronic disease. <i>PLoS ONE</i> , 2018, 13, e0194171.	1.1	82
14	Early antibiotic exposure and development of asthma and allergic rhinitis in childhood. <i>BMC Pediatrics</i> , 2019, 19, 225.	0.7	75
15	25-Hydroxyvitamin D in African-origin populations at varying latitudes challenges the construct of a physiologic norm. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 908-914.	2.2	64
16	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021, 31, 4659-4666.e2.	1.8	63
17	Increasing BMI and waist circumference and prevalence of obesity among adults with Type 2 diabetes: the National Health and Nutrition Examination Surveys. <i>Journal of Diabetes and Its Complications</i> , 2010, 24, 368-374.	1.2	62
18	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	3.3	62

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19	Fecal transplantation and butyrate improve neuropathic pain, modify immune cell profile, and gene expression in the PNS of obese mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26482-26493.	3.3	57
20	Protocol for the modeling the epidemiologic transition study: a longitudinal observational study of energy balance and change in body weight, diabetes and cardiovascular disease risk. <i>BMC Public Health</i> , 2011, 11, 927.	1.2	56
21	Energy expenditure does not predict weight change in either Nigerian or African American women. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 169-176.	2.2	50
22	Beliefs about hydration and physiology drive drinking behaviours in runners. <i>British Journal of Sports Medicine</i> , 2011, 45, 646-649.	3.1	43
23	Decreased microbial co-occurrence network stability and SCFA receptor level correlates with obesity in African-origin women. <i>Scientific Reports</i> , 2018, 8, 17135.	1.6	42
24	Under-reporting of dietary energy intake in five populations of the African diaspora. <i>British Journal of Nutrition</i> , 2015, 113, 464-472.	1.2	40
25	The obese gut microbiome across the epidemiologic transition. <i>Emerging Themes in Epidemiology</i> , 2016, 13, 2.	1.2	40
26	Constraint and trade-offs regulate energy expenditure during childhood. <i>Science Advances</i> , 2019, 5, eaax1065.	4.7	40
27	Energy Expenditure and Adiposity in Nigerian and African-American Women. <i>Obesity</i> , 2008, 16, 2148-2154.	1.5	39
28	Socioeconomic Factors for Sports Specialization and Injury in Youth Athletes. <i>Sports Health</i> , 2018, 10, 303-310.	1.3	38
29	Adiposity Is Not Equal in a Multi-Race/Ethnic Adolescent Population: NHANES 1999-2004. <i>Obesity</i> , 2011, 19, 2099-2101.	1.5	36
30	Association of car ownership and physical activity across the spectrum of human development: Modeling the Epidemiologic Transition Study (METS). <i>BMC Public Health</i> , 2015, 15, 173.	1.2	36
31	Elevated hypertension risk for African-origin populations in biracial societies. <i>Journal of Hypertension</i> , 2015, 33, 473-481.	0.3	35
32	The social patterning of risk factors for noncommunicable diseases in five countries: evidence from the modeling the epidemiologic transition study (METS). <i>BMC Public Health</i> , 2016, 16, 956.	1.2	35
33	The Effect of Physiology and Hydration Beliefs on Race Behavior and Postrace Sodium in 161-km Ultramarathon Finishers. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 536-541.	1.1	33
34	The Association of Dietary Fiber Intake with Cardiometabolic Risk in Four Countries across the Epidemiologic Transition. <i>Nutrients</i> , 2018, 10, 628.	1.7	33
35	Distribution of metals exposure and associations with cardiometabolic risk factors in the Modeling the Epidemiologic Transition Study. <i>Environmental Health</i> , 2014, 13, 90.	1.7	32
36	A Synthesis of Hepatitis C prevalence estimates in Sub-Saharan Africa: 2000-2013. <i>BMC Infectious Diseases</i> , 2016, 16, 283.	1.3	32

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37	Gut microbiota, short chain fatty acids, and obesity across the epidemiologic transition: the METS-Microbiome study protocol. <i>BMC Public Health</i> , 2018, 18, 978.	1.2	32
38	Rapid increases in obesity in Jamaica, compared to Nigeria and the United States. <i>BMC Public Health</i> , 2008, 8, 133.	1.2	31
39	Bisphenol A (BPA) Found in Humans and Water in Three Geographic Regions with Distinctly Different Levels of Economic Development. <i>Environmental Health Insights</i> , 2014, 8, EHI.S13130.	0.6	31
40	Ethnicity, energy expenditure and obesity: are the observed black/white differences meaningful?. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2007, 14, 370-373.	1.2	29
41	A mixed ecologic-cohort comparison of physical activity & weight among young adults from five populations of African origin. <i>BMC Public Health</i> , 2014, 14, 397.	1.2	29
42	Comparisons of intensity-duration patterns of physical activity in the US, Jamaica and 3 African countries. <i>BMC Public Health</i> , 2014, 14, 882.	1.2	29
43	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique. <i>Nutrition in Clinical Practice</i> , 2018, 33, 206-216.	1.1	29
44	The human microbiota is associated with cardiometabolic risk across the epidemiologic transition. <i>PLoS ONE</i> , 2019, 14, e0215262.	1.1	29
45	Risk of Injuries Associated With Sport Specialization and Intense Training Patterns in Young Athletes: A Longitudinal Clinical Case-Control Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712092276.	0.8	28
46	Predictors of Obesity among Gut Microbiota Biomarkers in African American Men with and without Diabetes. <i>Microorganisms</i> , 2019, 7, 320.	1.6	27
47	Childhood Daily Energy Expenditure Does Not Decrease with Market Integration and Is Not Related to Adiposity in Amazonia. <i>Journal of Nutrition</i> , 2021, 151, 695-704.	1.3	26
48	Daily activity patterns of 2316 men and women from five countries differing in socioeconomic development. <i>Chronobiology International</i> , 2015, 32, 650-656.	0.9	24
49	The Risks of Sports Specialization in the Adolescent Female Athlete. <i>Strength and Conditioning Journal</i> , 2017, 39, 20-26.	0.7	24
50	Hepatitis C in Sub-Saharan Africa: Urgent Need for Attention. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu065.	0.4	23
51	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1583-1589.	2.2	22
52	Free Living Energy Expenditure in Post Menopausal Women before and after Exercise Training. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001, 11, 226-237.	1.0	21
53	A Novel Energy Expenditure Prediction Equation for Intermittent Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2154-2161.	0.2	21
54	Fasting substrate oxidation in relation to habitual dietary fat intake and insulin resistance in non-diabetic women: a case for metabolic flexibility?. <i>Nutrition and Metabolism</i> , 2013, 10, 8.	1.3	21

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55	High Frequency of Active HCV Infection Among Seropositive Cases in West Africa and Evidence for Multiple Transmission Pathways. <i>Clinical Infectious Diseases</i> , 2015, 60, 1033-1041.	2.9	21
56	Accelerometer-measured physical activity is not associated with two-year weight change in African-origin adults from five diverse populations. <i>PeerJ</i> , 2017, 5, e2902.	0.9	21
57	More evening preference is positively associated with systemic inflammation in prediabetes and type 2 diabetes patients. <i>Scientific Reports</i> , 2018, 8, 15882.	1.6	20
58	Energy expenditure in young adult urban informal settlement dwellers in South Africa. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 805-807.	1.3	19
59	Prediction of fat-free mass using bioelectrical impedance analysis in young adults from five populations of African origin. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 956-960.	1.3	18
60	Fibroblast Growth Factor-23 (FGF-23) Levels Differ Across Populations by Degree of Industrialization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2246-2253.	1.8	18
61	PCORnet Antibiotics and Childhood Growth Study: Process for Cohort Creation and Cohort Description. <i>Academic Pediatrics</i> , 2018, 18, 569-576.	1.0	18
62	Evolution of water conservation in humans. <i>Current Biology</i> , 2021, 31, 1804-1810.e5.	1.8	18
63	Gut microbiota alterations in response to sleep length among African-origin adults. <i>PLoS ONE</i> , 2021, 16, e0255323.	1.1	18
64	Relative height and weight among children and adolescents of rural southwestern Nigeria. <i>Annals of Human Biology</i> , 2009, 36, 388-399.	0.4	17
65	Gut microbial features can predict host phenotype response to protein deficiency. <i>Physiological Reports</i> , 2018, 6, e13932.	0.7	17
66	Active summers matter: Evaluation of a community-based summertime program targeting obesogenic behaviors of low-income, ethnic minority girls. <i>New Directions for Youth Development</i> , 2014, 2014, 133-150.	0.6	15
67	Evaluation of <i>Culex pipiens</i> Populations in a Residential Area with a High Density of Catch Basins in a Suburb of Chicago, Illinois. <i>Journal of the American Mosquito Control Association</i> , 2014, 30, 228-230.	0.2	15
68	A Comparison of Fourstar, Biquets and Natular, Xrt Tablets in a North Shore Suburb of Chicago, IL. <i>Journal of the American Mosquito Control Association</i> , 2014, 30, 68-70.	0.2	15
69	Cardiovascular risk status of Afro-origin populations across the spectrum of economic development: findings from the Modeling the Epidemiologic Transition Study. <i>BMC Public Health</i> , 2017, 17, 438.	1.2	15
70	Oxytocin is lower in African American men with diabetes and associates with psycho-social and metabolic health factors. <i>PLoS ONE</i> , 2018, 13, e0190301.	1.1	15
71	Very low levels of energy expenditure among pre-adolescent Mexican-American girls. <i>Pediatric Obesity</i> , 2008, 3, 123-126.	3.2	14
72	A comparison of indices of glucose metabolism in five black populations: data from modeling the epidemiologic transition study (METS). <i>BMC Public Health</i> , 2015, 15, 895.	1.2	14

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73	Transcriptome prediction performance across machine learning models and diverse ancestries. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100019.	1.0	14
74	Total daily energy expenditure in black and white, lean and obese South African women. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 667-673.	1.3	13
75	25-Hydroxyvitamin D levels in African American and Nigerian women. <i>American Journal of Human Biology</i> , 2013, 25, 560-562.	0.8	13
76	Identification of Larvicide-Resistant Catch Basins from Three Years of Larvicide Trials in a Suburb of Chicago, IL. <i>Environmental Health Insights</i> , 2014, 8s2, EHI.S16014.	0.6	13
77	Physical activity and pre-diabetes—“an unacknowledged mid-life crisis: findings from NHANES 2003–2006. <i>PeerJ</i> , 2014, 2, e499.	0.9	13
78	A Survey Study of Pregnant Women and Healthcare Practitioners Assessing the Knowledge of Attitudes and Practices of Hepatitis B Management at a Teaching Hospital in Kumasi, Ghana, West Africa. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv122.	0.4	12
79	Sleep is in for Summer: Patterns of Sleep and Physical Activity in Urban Minority Girls. <i>Journal of Pediatric Psychology</i> , 2016, 41, 692-700.	1.1	12
80	Sugar-sweetened beverage intake and relative weight gain among South African adults living in resource-poor communities: longitudinal data from the STOP-SA study. <i>International Journal of Obesity</i> , 2019, 43, 603-614.	1.6	12
81	Newborn feeding recommendations and practices increase the risk of development of overweight and obesity. <i>BMC Pediatrics</i> , 2020, 20, 104.	0.7	12
82	Obesity as an effect modifier of the risk of death in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, iv65-iv72.	0.4	11
83	Association between smoking and total energy expenditure in a multi-country study. <i>Nutrition and Metabolism</i> , 2014, 11, 48.	1.3	11
84	Obesity-related metabolite profiles of black women spanning the epidemiologic transition. <i>Metabolomics</i> , 2016, 12, 1.	1.4	11
85	Body temperatures during three long-distance polar swims in water of 0–3°C. <i>Journal of Thermal Biology</i> , 2009, 34, 23-31.	1.1	10
86	Socioeconomic Status and Determinants of Pediatric Antibiotic Use. <i>Clinical Pediatrics</i> , 2021, 60, 32-41.	0.4	10
87	Association between 25-Hydroxyvitamin D and Intact Parathyroid Hormone Levels Across Latitude among Adults with African Ancestry. <i>Endocrine Practice</i> , 2016, 22, 911-919.	1.1	9
88	Wrist Accelerometry in the Health, Functional, and Social Assessment of Older Adults. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 889-891.	1.3	9
89	Independent association of resting energy expenditure with blood pressure: confirmation in populations of the African diaspora. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 4.	0.7	9
90	Clinical Practice Patterns for Postoperative Water Balance After Pituitary Surgery. <i>Endocrine Practice</i> , 2019, 25, 943-950.	1.1	9

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91	Associations between self-reported sleep duration and cardiometabolic risk factors in young African-origin adults from the five-country modeling the epidemiologic transition study (METS). <i>Sleep Health</i> , 2020, 6, 469-477.	1.3	9
92	Evidence for daily and weekly rhythmicity but not lunar or seasonal rhythmicity of physical activity in a large cohort of individuals from five different countries. <i>Annals of Medicine</i> , 2015, 47, 530-537.	1.5	8
93	Dietary factors and fibroblast growth factor-23 levels in young adults with African ancestry. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 666-674.	1.3	8
94	Outcomes of physical therapy in patients with temporomandibular disorder: a retrospective review. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2021, 59, 145-150.	0.4	8
95	Race and the Insulin Resistance Syndrome. <i>Seminars in Nephrology</i> , 2013, 33, 457-467.	0.6	7
96	Benefits and challenges of serial sports training risk assessment and counselling in kids: the T.R.A.C.K. randomised intervention study. <i>British Journal of Sports Medicine</i> , 2019, 53, 243-249.	3.1	7
97	The Heat Is On: A Mixed-Method Examination of Eating Behavior and Executive Functions Among Low Income Minority Girls During Summertime. <i>Journal of Early Adolescence</i> , 2019, 39, 625-641.	1.1	7
98	Family-based lifestyle interventions: What makes them successful? A systematic literature review. <i>Preventive Medicine Reports</i> , 2021, 21, 101299.	0.8	7
99	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. <i>Nature Communications</i> , 2022, 13, 99.	5.8	7
100	Multimethod Analyses of Discretionary Time Use and Health Behaviors Among Urban Low-Income African-American Adolescents. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2013, 34, 589-598.	0.6	6
101	25-Hydroxyvitamin D and blood pressure. <i>Journal of Hypertension</i> , 2017, 35, 968-974.	0.3	6
102	Physical activity and central adiposity in a cohort of African-American adults. <i>BMC Obesity</i> , 2017, 4, 34.	3.1	6
103	Oxytocin alterations and neurocognitive domains in patients with hypopituitarism. <i>Pituitary</i> , 2019, 22, 105-112.	1.6	6
104	Human total, basal and activity energy expenditures are independent of ambient environmental temperature. <i>IScience</i> , 2022, 25, 104682.	1.9	6
105	Improving Urban Minority Girls's Health Via Community Summer Programming. <i>Journal of Racial and Ethnic Health Disparities</i> , 2017, 4, 1237-1245.	1.8	5
106	Consumption of Monounsaturated Fatty Acids Is Associated with Improved Cardiometabolic Outcomes in Four African-Origin Populations Spanning the Epidemiologic Transition. <i>Nutrients</i> , 2021, 13, 2442.	1.7	5
107	Seasonal variation in natural abundance of $^{2}H$ and $^{18}O$ in urine samples from rural Nigeria. <i>Journal of Applied Physiology</i> , 2015, 119, 55-60.	1.2	4
108	RISKS OF INTENSE, SPECIALIZED TRAINING AND GROWTH FOR INJURY IN YOUNG ATHLETES: A CLINICAL EVALUATION. <i>British Journal of Sports Medicine</i> , 2014, 48, 611.2-611.	3.1	3

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109	Sustained high levels of physical activity lead to improved performance among “Race Across the USA” athletes. American Journal of Physical Anthropology, 2019, 168, 789-794.	2.1	2
110	The associations between alcohol intake and cardiometabolic risk in African-origin adults spanning the epidemiologic transition. BMC Public Health, 2021, 21, 2210.	1.2	2
111	Reply to T Weishaar. American Journal of Clinical Nutrition, 2015, 101, 413-414.	2.2	1
112	P0595 : High frequency of active HCV infection among seropositives in West Africa and evidence for multiple transmission pathways. Journal of Hepatology, 2015, 62, S539-S540.	1.8	0
113	P0738 : Hepatitis C virus infection in Sub-Saharan Africa: prevalence meta-analysis and risk factor review. Journal of Hepatology, 2015, 62, S601-S602.	1.8	0
114	The Relationship Between Fiber Intake and Omega 3 and 6 Fatty Acid intake and Metabolic Syndrome in 4 Countries Spanning the Epidemiologic Transition. Current Developments in Nutrition, 2020, 4, nzaa043_093.	0.1	0
115	Predictors of HbA1c among Adipocytokine Biomarkers in African-American Men with Varied Glucose Tolerance. Biomedicines, 2020, 8, 520.	1.4	0
116	Smaller Feeding Bottle Size in Newborns Reduces Overfeeding on First Day of Life which is a Risk Factor for Later Life Overweight and Obesity. , 2021, , .		0
117	Abstract P071: Metabolic Syndrome Gut Microbial Associations Are Independent Of Country Of Origin: Evidence From African-origin Populations. Circulation, 2021, 143, .	1.6	0
118	Energy expenditure and physical activity comparable between developing and industrialized countries: results of a meta-analysis. FASEB Journal, 2009, 23, 916.15.	0.2	0
119	Cardiometabolic Effects of Metals Exposure in the Modeling the Epidemiologic Transition Study. ISEE Conference Abstracts, 2014, 2014, 1733.	0.0	0
120	Antibiotics prior to age 2 years have limited association with preschool growth trajectory. International Journal of Obesity, 2022, 46, 843-850.	1.6	0
121	Utility of silhouette showcards to assess adiposity in three countries across the epidemiological transition. PLOS Global Public Health, 2022, 2, e0000127.	0.5	0