

Lara Dugas

List of Publications by Year in descending order

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121
papers

4,380
citations

136950
32
h-index

128289
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. American Journal of Sports Medicine, 2015, 43, 794-801.	4.2	403
2	Sports Specialization in Young Athletes. Sports Health, 2013, 5, 251-257.	2.7	348
3	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	12.6	234
4	Constrained Total Energy Expenditure and Metabolic Adaptation to Physical Activity in Adult Humans. Current Biology, 2016, 26, 410-417.	3.9	214
5	Metabolic acceleration and the evolution of human brain size and life history. Nature, 2016, 533, 390-392.	27.8	198
6	BMI, fat and muscle differences in urban women of five ethnicities from two countries. International Journal of Obesity, 2007, 31, 1232-1239.	3.4	150
7	Energy expenditure in adults living in developing compared with industrialized countries: a meta-analysis of doubly labeled water studies. American Journal of Clinical Nutrition, 2011, 93, 427-441.	4.7	111
8	Specialization patterns across various youth sports and relationship to injury risk. Physician and Sportsmedicine, 2017, 45, 344-352.	2.1	111
9	Assessing Physical Activity and its Relationship to Cardiovascular Risk Factors: NHANES 2003-2006. BMC Public Health, 2011, 11, 387.	2.9	110
10	An Actor-Based Model of Social Network Influence on Adolescent Body Size, Screen Time, and Playing Sports. PLoS ONE, 2012, 7, e39795.	2.5	99
11	Extreme events reveal an alimentary limit on sustained maximal human energy expenditure. Science Advances, 2019, 5, eaaw0341.	10.3	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. British Journal of Nutrition, 2007, 97, 1001-1011.	2.3	82
13	Gut microbiota varies by opioid use, circulating leptin and oxytocin in African American men with diabetes and high burden of chronic disease. PLoS ONE, 2018, 13, e0194171.	2.5	82
14	Early antibiotic exposure and development of asthma and allergic rhinitis in childhood. BMC Pediatrics, 2019, 19, 225.	1.7	75
15	25-Hydroxyvitamin D in African-origin populations at varying latitudes challenges the construct of a physiologic norm , ,. American Journal of Clinical Nutrition, 2014, 100, 908-914.	4.7	64
16	Energy compensation and adiposity in humans. Current Biology, 2021, 31, 4659-4666.e2.	3.9	63
17	Increasing BMI and waist circumference and prevalence of obesity among adults with Type 2 diabetes: the National Health and Nutrition Examination Surveys. Journal of Diabetes and Its Complications, 2010, 24, 368-374.	2.3	62
18	A standard calculation methodology for human doubly labeled water studies. Cell Reports Medicine, 2021, 2, 100203.	6.5	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. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26482-26493.	7.1	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. BMC Public Health, 2011, 11, 927.	2.9	56
21	Energy expenditure does not predict weight change in either Nigerian or African American women. American Journal of Clinical Nutrition, 2009, 89, 169-176.	4.7	50
22	Beliefs about hydration and physiology drive drinking behaviours in runners. British Journal of Sports Medicine, 2011, 45, 646-649.	6.7	43
23	Decreased microbial co-occurrence network stability and SCFA receptor level correlates with obesity in African-origin women. Scientific Reports, 2018, 8, 17135.	3.3	42
24	Under-reporting of dietary energy intake in five populations of the African diaspora. British Journal of Nutrition, 2015, 113, 464-472.	2.3	40
25	The obese gut microbiome across the epidemiologic transition. Emerging Themes in Epidemiology, 2016, 13, 2.	2.7	40
26	Constraint and trade-offs regulate energy expenditure during childhood. Science Advances, 2019, 5, eaax1065.	10.3	40
27	Energy Expenditure and Adiposity in Nigerian and African-American Women. Obesity, 2008, 16, 2148-2154.	3.0	39
28	Socioeconomic Factors for Sports Specialization and Injury in Youth Athletes. Sports Health, 2018, 10, 303-310.	2.7	38
29	Adiposity Is Not Equal in a Multi-Race/Ethnic Adolescent Population: NHANES 1999-2004. Obesity, 2011, 19, 2099-2101.	3.0	36
30	Association of car ownership and physical activity across the spectrum of human development: Modeling the Epidemiologic Transition Study (METS). BMC Public Health, 2015, 15, 173.	2.9	36
31	Elevated hypertension risk for African-origin populations in biracial societies. Journal of Hypertension, 2015, 33, 473-481.	0.5	35
32	The social patterning of risk factors for noncommunicable diseases in five countries: evidence from the modeling the epidemiologic transition study (METS). BMC Public Health, 2016, 16, 956.	2.9	35
33	The Effect of Physiology and Hydration Beliefs on Race Behavior and Postrace Sodium in 161-km Ultramarathon Finishers. International Journal of Sports Physiology and Performance, 2013, 8, 536-541.	2.3	33
34	The Association of Dietary Fiber Intake with Cardiometabolic Risk in Four Countries across the Epidemiologic Transition. Nutrients, 2018, 10, 628.	4.1	33
35	Distribution of metals exposure and associations with cardiometabolic risk factors in the "Modeling the Epidemiologic Transition Study": Environmental Health, 2014, 13, 90.	4.0	32
36	A Synthesis of Hepatitis C prevalence estimates in Sub-Saharan Africa: 2000-2013. BMC Infectious Diseases, 2016, 16, 283.	2.9	32

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37	Gut microbiota, short chain fatty acids, and obesity across the epidemiologic transition: the METS-Microbiome study protocol. BMC Public Health, 2018, 18, 978.	2.9	32
38	Rapid increases in obesity in Jamaica, compared to Nigeria and the United States. BMC Public Health, 2008, 8, 133.	2.9	31
39	Bisphenol A (BPA) Found in Humans and Water in Three Geographic Regions with Distinctly Different Levels of Economic Development. Environmental Health Insights, 2014, 8, EHI.S13130.	1.7	31
40	Ethnicity, energy expenditure and obesity: are the observed black/white differences meaningful?. Current Opinion in Endocrinology, Diabetes and Obesity, 2007, 14, 370-373.	2.3	29
41	A mixed ecologic-cohort comparison of physical activity & weight among young adults from five populations of African origin. BMC Public Health, 2014, 14, 397.	2.9	29
42	Comparisons of intensity-duration patterns of physical activity in the US, Jamaica and 3 African countries. BMC Public Health, 2014, 14, 882.	2.9	29
43	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique. Nutrition in Clinical Practice, 2018, 33, 206-216.	2.4	29
44	The human microbiota is associated with cardiometabolic risk across the epidemiologic transition. PLoS ONE, 2019, 14, e0215262.	2.5	29
45	Risk of Injuries Associated With Sport Specialization and Intense Training Patterns in Young Athletes: A Longitudinal Clinical Case-Control Study. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712092276.	1.7	28
46	Predictors of Obesity among Gut Microbiota Biomarkers in African American Men with and without Diabetes. Microorganisms, 2019, 7, 320.	3.6	27
47	Childhood Daily Energy Expenditure Does Not Decrease with Market Integration and Is Not Related to Adiposity in Amazonia. Journal of Nutrition, 2021, 151, 695-704.	2.9	26
48	Daily activity patterns of 2316 men and women from five countries differing in socioeconomic development. Chronobiology International, 2015, 32, 650-656.	2.0	24
49	The Risks of Sports Specialization in the Adolescent Female Athlete. Strength and Conditioning Journal, 2017, 39, 20-26.	1.4	24
50	Hepatitis C in Sub-Saharan Africa: Urgent Need for Attention. Open Forum Infectious Diseases, 2014, 1, ofu065.	0.9	23
51	Physical activity and fat-free mass during growth and in later life. American Journal of Clinical Nutrition, 2021, 114, 1583-1589.	4.7	22
52	Free Living Energy Expenditure in Post Menopausal Women before and after Exercise Training. International Journal of Sport Nutrition and Exercise Metabolism, 2001, 11, 226-237.	2.1	21
53	A Novel Energy Expenditure Prediction Equation for Intermittent Physical Activity. Medicine and Science in Sports and Exercise, 2005, 37, 2154-2161.	0.4	21
54	Fasting substrate oxidation in relation to habitual dietary fat intake and insulin resistance in non-diabetic women: a case for metabolic flexibility?. Nutrition and Metabolism, 2013, 10, 8.	3.0	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.	5.8	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.	2.0	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.	3.3	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.	2.9	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.	2.9	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.	3.6	18
61	PCORnet Antibiotics and Childhood Growth Study: Process for Cohort Creation and Cohort Description. <i>Academic Pediatrics</i> , 2018, 18, 569-576.	2.0	18
62	Evolution of water conservation in humans. <i>Current Biology</i> , 2021, 31, 1804-1810.e5.	3.9	18
63	Gut microbiota alterations in response to sleep length among African-origin adults. <i>PLoS ONE</i> , 2021, 16, e0255323.	2.5	18
64	Relative height and weight among children and adolescents of rural southwestern Nigeria. <i>Annals of Human Biology</i> , 2009, 36, 388-399.	1.0	17
65	Gut microbial features can predict host phenotype response to protein deficiency. <i>Physiological Reports</i> , 2018, 6, e13932.	1.7	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.	0.7	15
68	A Comparison of Fourstar, Briquets 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.	0.7	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.	2.9	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.	2.5	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.	2.9	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.	1.7	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.	2.9	13
75	25-Hydroxyvitamin D levels in African American and Nigerian women. <i>American Journal of Human Biology</i> , 2013, 25, 560-562.	1.6	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.	1.7	13
77	Physical activity and pre-diabetes—an unacknowledged mid-life crisis: findings from NHANES 2003–2006. <i>PeerJ</i> , 2014, 2, e499.	2.0	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.	0.9	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.	2.1	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.	3.4	12
81	Newborn feeding recommendations and practices increase the risk of development of overweight and obesity. <i>BMC Pediatrics</i> , 2020, 20, 104.	1.7	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.	0.7	11
83	Association between smoking and total energy expenditure in a multi-country study. <i>Nutrition and Metabolism</i> , 2014, 11, 48.	3.0	11
84	Obesity-related metabolite profiles of black women spanning the epidemiologic transition. <i>Metabolomics</i> , 2016, 12, 1.	3.0	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.	2.5	10
86	Socioeconomic Status and Determinants of Pediatric Antibiotic Use. <i>Clinical Pediatrics</i> , 2021, 60, 32-41.	0.8	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.	2.1	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.	2.6	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.	1.7	9
90	Clinical Practice Patterns for Postoperative Water Balance After Pituitary Surgery. <i>Endocrine Practice</i> , 2019, 25, 943-950.	2.1	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.	2.5	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.	3.8	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.	2.7	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.	0.8	8
95	Race and the Insulin Resistance Syndrome. <i>Seminars in Nephrology</i> , 2013, 33, 457-467.	1.6	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.	6.7	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.	1.9	7
98	Family-based lifestyle interventions: What makes them successful? A systematic literature review. <i>Preventive Medicine Reports</i> , 2021, 21, 101299.	1.8	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.	12.8	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.	1.1	6
101	25-Hydroxyvitamin D and blood pressure. <i>Journal of Hypertension</i> , 2017, 35, 968-974.	0.5	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.	2.9	6
104	Human total, basal and activity energy expenditures are independent of ambient environmental temperature. <i>IScience</i> , 2022, 25, 104682.	4.1	6
105	Improving Urban Minority Girls' Health Via Community Summer Programming. <i>Journal of Racial and Ethnic Health Disparities</i> , 2017, 4, 1237-1245.	3.2	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.	4.1	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.	2.5	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.	6.7	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.	2.9	2
111	Reply to T Weishaar. American Journal of Clinical Nutrition, 2015, 101, 413-414.	4.7	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.	3.7	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.	3.7	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.	0.3	0
115	Predictors of HbA1c among Adipocytokine Biomarkers in African-American Men with Varied Glucose Tolerance. Biomedicines, 2020, 8, 520.	3.2	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.	0.5	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.	3.4	0
121	Utility of silhouette showcards to assess adiposity in three countries across the epidemiological transition. PLOS Global Public Health, 2022, 2, e0000127.	1.6	0