

Belinda L Needham

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

4,253
citations

126708

33
h-index

118652

62
g-index

89
all docs

89
docs citations

89
times ranked

6332
citing authors

#	ARTICLE	IF	CITATIONS
1	Experiences of the Flint Water Crisis Among Reproductive-Age Michigan Women in Communities Outside of Flint: Differences by Race and Ethnicity. <i>Journal of Racial and Ethnic Health Disparities</i> , 2023, 10, 993-1005.	1.8	4
2	Association of Childhood Socioeconomic Status with Leukocyte Telomere Length Among African Americans and the Mediating Role of Behavioral and Psychosocial Factors: Results from the GENE-FORECAST Study. <i>Journal of Racial and Ethnic Health Disparities</i> , 2022, 9, 1012-1023.	1.8	4
3	Heavy metal blood concentrations in association with sociocultural characteristics, anthropometry and anemia among Kenyan adolescents. <i>International Journal of Environmental Health Research</i> , 2022, 32, 1935-1949.	1.3	5
4	Longitudinal Associations Between Discrimination, Neighborhood Social Cohesion, and Telomere Length: The Multi-Ethnic Study of Atherosclerosis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 365-374.	1.7	9
5	Mineral nutrition of Samburu adolescents: A comparative study of pastoralist communities in Kenya. <i>American Journal of Biological Anthropology</i> , 2022, 177, 343-356.	0.6	1
6	Multidimensional Social Network Types and Their Correlates in Older Americans. <i>Innovation in Aging</i> , 2022, 6, igab053.	0.0	7
7	Drought, psychosocial stress, and ecogeographical patterning: Tibial growth and body shape in Samburu (Kenyan) pastoralist children. <i>American Journal of Biological Anthropology</i> , 2022, 178, 574-592.	0.6	3
8	Perceptions of tap water associated with low-income Michigan mothers' and young children's beverage intake. <i>Public Health Nutrition</i> , 2022, 25, 2772-2781.	1.1	3
9	DNA Methylation Mediates the Association Between Individual and Neighborhood Social Disadvantage and Cardiovascular Risk Factors. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	5
10	Household Food Insecurity Across Childhood and Attempts at Weight Loss and Weight Gain in Early Adolescence: Findings From a Nationally Representative Study of U.S. Youth. <i>Current Developments in Nutrition</i> , 2022, 6, 89.	0.1	1
11	Prenatal Socioeconomic Disadvantage and Epigenetic Alterations at Birth Among Children Born to White British and Pakistani Mothers in the Born in Bradford Study. <i>Epigenetics</i> , 2022, 17, 1976-1990.	1.3	0
12	Lifetime stress and war exposure timing may predict methylation changes at <i>NR3C1</i> based on a pilot study in a warrior cohort in a small-scale society in Kenya. <i>American Journal of Human Biology</i> , 2021, 33, e23515.	0.8	2
13	Evaluating gender bias in an eating disorder risk assessment questionnaire for athletes. <i>Eating Disorders</i> , 2021, 29, 29-41.	1.9	20
14	Neighborhood social environment and changes in leukocyte telomere length: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Health and Place</i> , 2021, 67, 102488.	1.5	7
15	The association of cortisol curve features with incident diabetes among whites and African Americans: The CARDIA study. <i>Psychoneuroendocrinology</i> , 2021, 123, 105041.	1.3	6
16	Newborn telomere length and the early life origins of age-related disease. <i>EBioMedicine</i> , 2021, 64, 103214.	2.7	1
17	Bayesian hierarchical models for high-dimensional mediation analysis with coordinated selection of correlated mediators. <i>Statistics in Medicine</i> , 2021, 40, 6038-6056.	0.8	8
18	Family socioeconomic status and child telomere length among the Samburu of Kenya. <i>Social Science and Medicine</i> , 2021, 283, 114182.	1.8	7

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19	Bayesian Sparse Mediation Analysis with Targeted Penalization of Natural Indirect Effects. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 1391-1412.	0.5	13
20	Examining Optimism, Psychosocial Risks, and Cardiovascular Health Using Life's Simple 7 Metrics in the Multi-Ethnic Study of Atherosclerosis and the Jackson Heart Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 788194.	1.1	3
21	Do black/white differences in telomere length depend on socioeconomic status?. <i>Biodemography and Social Biology</i> , 2020, 65, 287-312.	0.4	11
22	Bayesian shrinkage estimation of high dimensional causal mediation effects in omics studies. <i>Biometrics</i> , 2020, 76, 700-710.	0.8	39
23	Methods to Account for Uncertainty in Latent Class Assignments When Using Latent Classes as Predictors in Regression Models, with Application to Acculturation Strategy Measures. <i>Epidemiology</i> , 2020, 31, 194-204.	1.2	15
24	The longitudinal association of changes in diurnal cortisol features with fasting glucose: MESA. <i>Psychoneuroendocrinology</i> , 2020, 119, 104698.	1.3	20
25	Pathogen burden and leukocyte telomere length in the United States. <i>Immunity and Ageing</i> , 2020, 17, 36.	1.8	13
26	Association of Alcohol Consumption and Ideal Cardiovascular Health Among South Asians: The Mediators of Atherosclerosis in South Asians Living in America (MASALA) Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1825-1833.	1.4	8
27	Social regulation of inflammation related gene expression in the multi-ethnic study of atherosclerosis. <i>Psychoneuroendocrinology</i> , 2020, 117, 104654.	1.3	11
28	The relationship of acculturation to cardiovascular disease risk factors among U.S. South Asians: Findings from the MASALA study. <i>Diabetes Research and Clinical Practice</i> , 2020, 161, 108052.	1.1	24
29	Discrimination, social support, and telomere length: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Annals of Epidemiology</i> , 2020, 42, 58-63.e2.	0.9	15
30	The impact of race and ethnicity in the social epigenomic regulation of disease. , 2019, , 51-65.		6
31	Marital status and cognitive impairment in the United States: evidence from the National Health and Aging Trends Study. <i>Annals of Epidemiology</i> , 2019, 38, 28-34.e2.	0.9	66
32	Cellular response to chronic psychosocial stress: Ten-year longitudinal changes in telomere length in the Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2019, 107, 70-81.	1.3	25
33	Expression of socially sensitive genes: The multi-ethnic study of atherosclerosis. <i>PLoS ONE</i> , 2019, 14, e0214061.	1.1	9
34	Prosocial Emotion, Adolescence, and Warfare. <i>Human Nature</i> , 2019, 30, 192-216.	0.8	9
35	Sociodemographic correlates of change in leukocyte telomere length during mid- to late-life: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2019, 102, 182-188.	1.3	14
36	Association of a Negative Wealth Shock With All-Cause Mortality in Middle-aged and Older Adults in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 1341.	3.8	89

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37	Child and Adult Socioeconomic Status and the Cortisol Response to Acute Stress: Evidence From the Multi-Ethnic Study of Atherosclerosis. <i>Psychosomatic Medicine</i> , 2018, 80, 184-192.	1.3	34
38	Acculturation Strategies and Symptoms of Depression: The Mediators of Atherosclerosis in South Asians Living in America (MASALA) Study. <i>Journal of Immigrant and Minority Health</i> , 2018, 20, 792-798.	0.8	14
39	Sex Differences in Telomere Length Are Not Mediated by Sex Steroid Hormones or Body Size in Early Adolescence. , 2018, 2, 68-75.	0.8	5
40	Selected occupational characteristics and change in leukocyte telomere length over 10 years: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>PLoS ONE</i> , 2018, 13, e0204704.	1.1	7
41	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 453-475.	2.2	137
42	Acculturation Strategies Among South Asian Immigrants: The Mediators of Atherosclerosis in South Asians Living in America (MASALA) Study. <i>Journal of Immigrant and Minority Health</i> , 2017, 19, 373-380.	0.8	32
43	Antecedent longitudinal changes in body mass index are associated with diurnal cortisol curve features: The multi-ethnic study of atherosclerosis. <i>Metabolism: Clinical and Experimental</i> , 2017, 68, 95-107.	1.5	20
44	Negative wealth shock and short-term changes in depressive symptoms and medication adherence among late middle-aged adults. <i>Journal of Epidemiology and Community Health</i> , 2017, 71, 758-763.	2.0	24
45	The impact of pathogen burden on leukocyte telomere length in the Multi-Ethnic Study of Atherosclerosis. <i>Epidemiology and Infection</i> , 2017, 145, 3076-3084.	1.0	11
46	Health Lifestyles in Adolescence and Self-rated Health into Adulthood. <i>Journal of Health and Social Behavior</i> , 2017, 58, 520-536.	2.7	64
47	Maternal Social Disadvantage and Newborn Telomere Length in Archived Dried Blood Spots from the Michigan Neonatal Biobank. <i>Biodemography and Social Biology</i> , 2017, 63, 221-235.	0.4	12
48	Diurnal salivary cortisol and nativity/duration of residence in Latinos: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2017, 85, 179-189.	1.3	6
49	Neighborhood characteristics influence DNA methylation of genes involved in stress response and inflammation: The Multi-Ethnic Study of Atherosclerosis. <i>Epigenetics</i> , 2017, 12, 662-673.	1.3	118
50	Sexual Orientation Discordance and Young Adult Mental Health. <i>Journal of Youth and Adolescence</i> , 2017, 46, 943-954.	1.9	31
51	A Qualitative Examination of Physician Gender and Parental Status in Pediatric End-of-Life Communication. <i>Health Communication</i> , 2017, 32, 903-909.	1.8	8
52	Telomere Length Among Older U.S. Adults: Differences by Race/Ethnicity, Gender, and Age. <i>Journal of Aging and Health</i> , 2017, 29, 1350-1366.	0.9	68
53	Gene-by-Psychosocial Factor Interactions Influence Diastolic Blood Pressure in European and African Ancestry Populations: Meta-Analysis of Four Cohort Studies. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1596.	1.2	5
54	Cross-sectional Associations between Exposure to Persistent Organic Pollutants and Leukocyte Telomere Length among U.S. Adults in NHANES, 2001-2002. <i>Environmental Health Perspectives</i> , 2016, 124, 651-658.	2.8	56

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55	Physician Communication in Pediatric End-of-Life Care. American Journal of Hospice and Palliative Medicine, 2016, 33, 935-941.	0.8	19
56	Lack of significant association between type 2 diabetes mellitus with longitudinal change in diurnal salivary cortisol: the multiethnic study of atherosclerosis. Endocrine, 2016, 53, 227-239.	1.1	14
57	Leukocyte Telomere Length in Relation to 17 Biomarkers of Cardiovascular Disease Risk: A Cross-Sectional Study of US Adults. PLoS Medicine, 2016, 13, e1002188.	3.9	123
58	Endogenous Sex Steroid Hormones, Lipid Subfractions, and Ectopic Adiposity in Asian Indians. Metabolic Syndrome and Related Disorders, 2015, 13, 445-452.	0.5	4
59	Leukocyte Telomere Length and Mortality in the National Health and Nutrition Examination Survey, 1999-2002. Epidemiology, 2015, 26, 528-535.	1.2	128
60	Endogenous sex steroid hormones and glucose in a South-Asian population without diabetes: the Metabolic Syndrome and Atherosclerosis in South-Asians Living in America pilot study. Diabetic Medicine, 2015, 32, 1193-1200.	1.2	10
61	Diurnal salivary cortisol, glycemia and insulin resistance: The multi-ethnic study of atherosclerosis. Psychoneuroendocrinology, 2015, 62, 327-335.	1.3	48
62	Life course socioeconomic status and DNA methylation in genes related to stress reactivity and inflammation: The multi-ethnic study of atherosclerosis. Epigenetics, 2015, 10, 958-969.	1.3	155
63	Associations of Cadmium and Lead Exposure With Leukocyte Telomere Length: Findings From National Health and Nutrition Examination Survey, 1999-2002. American Journal of Epidemiology, 2015, 181, 127-136.	1.6	81
64	Depression, anxiety and telomere length in young adults: evidence from the National Health and Nutrition Examination Survey. Molecular Psychiatry, 2015, 20, 520-528.	4.1	111
65	A Test of Biological and Behavioral Explanations for Gender Differences in Telomere Length: The Multi-Ethnic Study of Atherosclerosis. Biodemography and Social Biology, 2014, 60, 156-173.	0.4	27
66	Neighborhood characteristics and leukocyte telomere length: The Multi-Ethnic Study of Atherosclerosis. Health and Place, 2014, 28, 167-172.	1.5	64
67	Soda and Cell Aging: Associations Between Sugar-Sweetened Beverage Consumption and Leukocyte Telomere Length in Healthy Adults From the National Health and Nutrition Examination Surveys. American Journal of Public Health, 2014, 104, 2425-2431.	1.5	91
68	Neighborhood Disadvantage, Preconception Health Behaviors and Infant Birthweight: A Preliminary Study. International Journal of Contemporary Sociology, 2014, 51, 7-25.	0.0	5
69	Rethinking gender and mental health: A critical analysis of three propositions. Social Science and Medicine, 2013, 92, 83-91.	1.8	74
70	Socioeconomic status, health behavior, and leukocyte telomere length in the National Health and Nutrition Examination Survey, 1999-2002. Social Science and Medicine, 2013, 85, 1-8.	1.8	268
71	Board 441 - Research Abstract Use of High-Fidelity Simulation to Explore Pediatric Critical Care and Emergency Physicians Communication Surrounding End-Of-Life Care (Submission #457). Simulation in Healthcare, 2013, 8, 604.	0.7	0
72	Neighborhood Environment and Body Mass Index Trajectories From Adolescence to Adulthood. Journal of Adolescent Health, 2012, 50, 30-37.	1.2	53

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73	Socioeconomic status and cell aging in children. <i>Social Science and Medicine</i> , 2012, 74, 1948-1951.	1.8	103
74	Sexual Attraction and Trajectories of Mental Health and Substance Use During the Transition from Adolescence to Adulthood. <i>Journal of Youth and Adolescence</i> , 2012, 41, 179-190.	1.9	99
75	Trajectories of Change in Obesity and Symptoms of Depression: The CARDIA Study. <i>American Journal of Public Health</i> , 2010, 100, 1040-1046.	1.5	84
76	Violent Victimization and Perpetration During Adolescence: Developmental Stage Dependent Ecological Models. <i>Journal of Youth and Adolescence</i> , 2010, 39, 1053-1066.	1.9	28
77	Sexual Orientation, Parental Support, and Health During the Transition to Young Adulthood. <i>Journal of Youth and Adolescence</i> , 2010, 39, 1189-1198.	1.9	286
78	Do gender differences in mental health contribute to gender differences in physical health?. <i>Social Science and Medicine</i> , 2010, 71, 1472-1479.	1.8	44
79	Adolescent Depressive Symptomatology and Young Adult Educational Attainment: An Examination of Gender Differences. <i>Journal of Adolescent Health</i> , 2009, 45, 179-186.	1.2	62
80	Reciprocal relationships between symptoms of depression and parental support during the transition from adolescence to young adulthood. <i>Journal of Youth and Adolescence</i> , 2008, 37, 893-905.	1.9	84
81	Gender differences in trajectories of depressive symptomatology and substance use during the transition from adolescence to young adulthood. <i>Social Science and Medicine</i> , 2007, 65, 1166-1179.	1.8	115
82	Gender-Specific Trends in Educational Attainment and Self-Rated Health, 1972-2002. <i>American Journal of Public Health</i> , 2006, 96, 1288-1292.	1.5	39
83	You Make Me Sick: Marital Quality and Health Over the Life Course. <i>Journal of Health and Social Behavior</i> , 2006, 47, 1-16.	2.7	478
84	Stress in Childhood and Adulthood: Effects on Marital Quality Over Time. <i>Journal of Marriage and Family</i> , 2005, 67, 1332-1347.	1.6	55
85	Overweight status and depressive symptoms during adolescence. <i>Journal of Adolescent Health</i> , 2005, 36, 48-55.	1.2	168
86	Holism, Contextual Variability, and the Study of Friendships in Adolescent Development. <i>Child Development</i> , 2004, 75, 264-279.	1.7	56
87	Academic Failure in Secondary School: The Inter-Related Role of Health Problems and Educational Context. <i>Social Problems</i> , 2004, 51, 569-586.	2.0	141