

Belinda L Needham

List of Publications by Year in descending order

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87
papers

4,253
citations

126907

33
h-index

118850

62
g-index

89
all docs

89
docs citations

89
times ranked

6332
citing authors

#	ARTICLE	IF	CITATIONS
1	You Make Me Sick: Marital Quality and Health Over the Life Course. <i>Journal of Health and Social Behavior</i> , 2006, 47, 1-16.	4.8	478
2	Sexual Orientation, Parental Support, and Health During the Transition to Young Adulthood. <i>Journal of Youth and Adolescence</i> , 2010, 39, 1189-1198.	3.5	286
3	Socioeconomic status, health behavior, and leukocyte telomere length in the National Health and Nutrition Examination Survey, 1999–2002. <i>Social Science and Medicine</i> , 2013, 85, 1-8.	3.8	268
4	Overweight status and depressive symptoms during adolescence. <i>Journal of Adolescent Health</i> , 2005, 36, 48-55.	2.5	168
5	Life course socioeconomic status and DNA methylation in genes related to stress reactivity and inflammation: The multi-ethnic study of atherosclerosis. <i>Epigenetics</i> , 2015, 10, 958-969.	2.7	155
6	Academic Failure in Secondary School: The Inter-Related Role of Health Problems and Educational Context. <i>Social Problems</i> , 2004, 51, 569-586.	2.9	141
7	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.	4.7	137
8	Leukocyte Telomere Length and Mortality in the National Health and Nutrition Examination Survey, 1999–2002. <i>Epidemiology</i> , 2015, 26, 528-535.	2.7	128
9	Leukocyte Telomere Length in Relation to 17 Biomarkers of Cardiovascular Disease Risk: A Cross-Sectional Study of US Adults. <i>PLoS Medicine</i> , 2016, 13, e1002188.	8.4	123
10	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.	2.7	118
11	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.	3.8	115
12	Depression, anxiety and telomere length in young adults: evidence from the National Health and Nutrition Examination Survey. <i>Molecular Psychiatry</i> , 2015, 20, 520-528.	7.9	111
13	Socioeconomic status and cell aging in children. <i>Social Science and Medicine</i> , 2012, 74, 1948-1951.	3.8	103
14	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.	3.5	99
15	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. <i>American Journal of Public Health</i> , 2014, 104, 2425-2431.	2.7	91
16	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.	7.4	89
17	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.	3.5	84
18	Trajectories of Change in Obesity and Symptoms of Depression: The CARDIA Study. <i>American Journal of Public Health</i> , 2010, 100, 1040-1046.	2.7	84

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19	Associations of Cadmium and Lead Exposure With Leukocyte Telomere Length: Findings From National Health and Nutrition Examination Survey, 1999â€“2002. <i>American Journal of Epidemiology</i> , 2015, 181, 127-136.	3.4	81
20	Rethinking gender and mental health: A critical analysis of three propositions. <i>Social Science and Medicine</i> , 2013, 92, 83-91.	3.8	74
21	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.	1.7	68
22	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.	1.9	66
23	Neighborhood characteristics and leukocyte telomere length: The Multi-Ethnic Study of Atherosclerosis. <i>Health and Place</i> , 2014, 28, 167-172.	3.3	64
24	Health Lifestyles in Adolescence and Self-rated Health into Adulthood. <i>Journal of Health and Social Behavior</i> , 2017, 58, 520-536.	4.8	64
25	Adolescent Depressive Symptomatology and Young Adult Educational Attainment: An Examination of Gender Differences. <i>Journal of Adolescent Health</i> , 2009, 45, 179-186.	2.5	62
26	Holism, Contextual Variability, and the Study of Friendships in Adolescent Development. <i>Child Development</i> , 2004, 75, 264-279.	3.0	56
27	Cross-sectional Associations between Exposure to Persistent Organic Pollutants and Leukocyte Telomere Length among U.S. Adults in NHANES, 2001â€“2002. <i>Environmental Health Perspectives</i> , 2016, 124, 651-658.	6.0	56
28	Stress in Childhood and Adulthood: Effects on Marital Quality Over Time. <i>Journal of Marriage and Family</i> , 2005, 67, 1332-1347.	2.6	55
29	Neighborhood Environment and Body Mass Index Trajectories From Adolescence to Adulthood. <i>Journal of Adolescent Health</i> , 2012, 50, 30-37.	2.5	53
30	Diurnal salivary cortisol, glycemia and insulin resistance: The multi-ethnic study of atherosclerosis. <i>Psychoneuroendocrinology</i> , 2015, 62, 327-335.	2.7	48
31	Do gender differences in mental health contribute to gender differences in physical health?. <i>Social Science and Medicine</i> , 2010, 71, 1472-1479.	3.8	44
32	Gender-Specific Trends in Educational Attainment and Self-Rated Health, 1972â€“2002. <i>American Journal of Public Health</i> , 2006, 96, 1288-1292.	2.7	39
33	Bayesian shrinkage estimation of high dimensional causal mediation effects in omics studies. <i>Biometrics</i> , 2020, 76, 700-710.	1.4	39
34	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.	2.0	34
35	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.	1.6	32
36	Sexual Orientation Discordance and Young Adult Mental Health. <i>Journal of Youth and Adolescence</i> , 2017, 46, 943-954.	3.5	31

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37	Violent Victimization and Perpetration During Adolescence: Developmental Stage Dependent Ecological Models. <i>Journal of Youth and Adolescence</i> , 2010, 39, 1053-1066.	3.5	28
38	A Test of Biological and Behavioral Explanations for Gender Differences in Telomere Length: The Multi-Ethnic Study of Atherosclerosis. <i>Biodemography and Social Biology</i> , 2014, 60, 156-173.	1.0	27
39	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.	2.7	25
40	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.	3.7	24
41	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.	2.8	24
42	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.	3.4	20
43	The longitudinal association of changes in diurnal cortisol features with fasting glucose: MESA. <i>Psychoneuroendocrinology</i> , 2020, 119, 104698.	2.7	20
44	Evaluating gender bias in an eating disorder risk assessment questionnaire for athletes. <i>Eating Disorders</i> , 2021, 29, 29-41.	3.0	20
45	Physician Communication in Pediatric End-of-Life Care. <i>American Journal of Hospice and Palliative Medicine</i> , 2016, 33, 935-941.	1.4	19
46	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.	2.7	15
47	Discrimination, social support, and telomere length: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Annals of Epidemiology</i> , 2020, 42, 58-63.e2.	1.9	15
48	Lack of significant association between type 2 diabetes mellitus with longitudinal change in diurnal salivary cortisol: the multiethnic study of atherosclerosis. <i>Endocrine</i> , 2016, 53, 227-239.	2.3	14
49	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.	1.6	14
50	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.	2.7	14
51	Pathogen burden and leukocyte telomere length in the United States. <i>Immunity and Ageing</i> , 2020, 17, 36.	4.2	13
52	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.	1.0	13
53	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.	1.0	12
54	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.	2.1	11

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55	Do black/white differences in telomere length depend on socioeconomic status?. <i>Biodemography and Social Biology</i> , 2020, 65, 287-312.	1.0	11
56	Social regulation of inflammation related gene expression in the multi-ethnic study of atherosclerosis. <i>Psychoneuroendocrinology</i> , 2020, 117, 104654.	2.7	11
57	Endogenous sex steroid hormones and glucose in a Southâ€Asian population without diabetes: the Metabolic Syndrome and Atherosclerosis in Southâ€Asians Living in America pilot study. <i>Diabetic Medicine</i> , 2015, 32, 1193-1200.	2.3	10
58	Expression of socially sensitive genes: The multi-ethnic study of atherosclerosis. <i>PLoS ONE</i> , 2019, 14, e0214061.	2.5	9
59	Prosocial Emotion, Adolescence, and Warfare. <i>Human Nature</i> , 2019, 30, 192-216.	1.6	9
60	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.	3.6	9
61	A Qualitative Examination of Physician Gender and Parental Status in Pediatric End-of-Life Communication. <i>Health Communication</i> , 2017, 32, 903-909.	3.1	8
62	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.	2.4	8
63	Bayesian hierarchical models for highâ€dimensional mediation analysis with coordinated selection of correlated mediators. <i>Statistics in Medicine</i> , 2021, 40, 6038-6056.	1.6	8
64	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.	2.5	7
65	Neighborhood social environment and changes in leukocyte telomere length: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Health and Place</i> , 2021, 67, 102488.	3.3	7
66	Family socioeconomic status and child telomere length among the Samburu of Kenya. <i>Social Science and Medicine</i> , 2021, 283, 114182.	3.8	7
67	Multidimensional Social Network Types and Their Correlates in Older Americans. <i>Innovation in Aging</i> , 2022, 6, igab053.	0.1	7
68	Diurnal salivary cortisol and nativity/duration of residence in Latinos: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2017, 85, 179-189.	2.7	6
69	The impact of race and ethnicity in the social epigenomic regulation of disease. , 2019, , 51-65.		6
70	The association of cortisol curve features with incident diabetes among whites and African Americans: The CARDIA study. <i>Psychoneuroendocrinology</i> , 2021, 123, 105041.	2.7	6
71	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.	2.6	5
72	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

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73	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.	2.7	5
74	Neighborhood Disadvantage, Preconception Health Behaviors and Infant Birthweight: A Preliminary Study. <i>International Journal of Contemporary Sociology</i> , 2014, 51, 7-25.	0.0	5
75	DNA Methylation Mediates the Association Between Individual and Neighborhood Social Disadvantage and Cardiovascular Risk Factors. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	5
76	Endogenous Sex Steroid Hormones, Lipid Subfractions, and Ectopic Adiposity in Asian Indians. <i>Metabolic Syndrome and Related Disorders</i> , 2015, 13, 445-452.	1.3	4
77	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.	3.2	4
78	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.	3.2	4
79	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.	2.4	3
80	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.	1.1	3
81	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.	2.2	3
82	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.	1.6	2
83	Newborn telomere length and the early life origins of age-related disease. <i>EBioMedicine</i> , 2021, 64, 103214.	6.1	1
84	Mineral nutrition of Samburu adolescents: A comparative study of pastoralist communities in Kenya. <i>American Journal of Biological Anthropology</i> , 2022, 177, 343-356.	1.1	1
85	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.	0.3	1
86	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). <i>Simulation in Healthcare</i> , 2013, 8, 604.	1.2	0
87	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.	2.7	0