

May A Beydoun

List of Publications by Citations

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106
papers

5,190
citations

29
h-index

71
g-index

119
ext. papers

6,047
ext. citations

4.7
avg, IF

6.05
L-index

#	Paper	IF	Citations
106	The obesity epidemic in the United States--gender, age, socioeconomic, racial/ethnic, and geographic characteristics: a systematic review and meta-regression analysis. <i>Epidemiologic Reviews</i> , 2007 , 29, 6-28	4.1	2035
105	Epidemiologic studies of modifiable factors associated with cognition and dementia: systematic review and meta-analysis. <i>BMC Public Health</i> , 2014 , 14, 643	4.1	374
104	Ethnic differences in dairy and related nutrient consumption among US adults and their association with obesity, central obesity, and the metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1914-25	7	205
103	Plasma n-3 fatty acids and the risk of cognitive decline in older adults: the Atherosclerosis Risk in Communities Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1103-11	7	198
102	Do nutrition knowledge and beliefs modify the association of socio-economic factors and diet quality among US adults?. <i>Preventive Medicine</i> , 2008 , 46, 145-53	4.3	132
101	Has the prevalence of overweight, obesity and central obesity levelled off in the United States? Trends, patterns, disparities, and future projections for the obesity epidemic. <i>International Journal of Epidemiology</i> , 2020 , 49, 810-823	7.8	114
100	Serum antioxidant status is associated with metabolic syndrome among U.S. adults in recent national surveys. <i>Journal of Nutrition</i> , 2011 , 141, 903-13	4.1	101
99	Pathways linking socioeconomic status to obesity through depression and lifestyle factors among young US adults. <i>Journal of Affective Disorders</i> , 2010 , 123, 52-63	6.6	101
98	The association of fast food, fruit and vegetable prices with dietary intakes among US adults: is there modification by family income?. <i>Social Science and Medicine</i> , 2008 , 66, 2218-29	5.1	94
97	Parent-child dietary intake resemblance in the United States: evidence from a large representative survey. <i>Social Science and Medicine</i> , 2009 , 68, 2137-44	5.1	90
96	Sex differences in the association of the apolipoprotein E epsilon 4 allele with incidence of dementia, cognitive impairment, and decline. <i>Neurobiology of Aging</i> , 2012 , 33, 720-731.e4	5.6	81
95	Statins and serum cholesterol's associations with incident dementia and mild cognitive impairment. <i>Journal of Epidemiology and Community Health</i> , 2011 , 65, 949-57	5.1	79
94	Gender-ethnic disparity in BMI and waist circumference distribution shifts in US adults. <i>Obesity</i> , 2009 , 17, 169-76	8	76
93	Serum folate, vitamin B-12, and homocysteine and their association with depressive symptoms among U.S. adults. <i>Psychosomatic Medicine</i> , 2010 , 72, 862-73	3.7	70
92	Serum antioxidant concentrations and metabolic syndrome are associated among U.S. adolescents in recent national surveys. <i>Journal of Nutrition</i> , 2012 , 142, 1693-704	4.1	61
91	Serum nutritional biomarkers and their associations with sleep among US adults in recent national surveys. <i>PLoS ONE</i> , 2014 , 9, e103490	3.7	56
90	Carotenoids, vitamin A, and their association with the metabolic syndrome: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2019 , 77, 32-45	6.4	56

89	Midlife obesity and trajectories of brain volume changes in older adults. <i>Human Brain Mapping</i> , 2012 , 33, 2204-10	5.9	53
88	Role of depressive symptoms in explaining socioeconomic status disparities in dietary quality and central adiposity among US adults: a structural equation modeling approach. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1084-95	7	52
87	Food prices are associated with dietary quality, fast food consumption, and body mass index among U.S. children and adolescents. <i>Journal of Nutrition</i> , 2011 , 141, 304-11	4.1	51
86	Reduced away-from-home food expenditure and better nutrition knowledge and belief can improve quality of dietary intake among US adults. <i>Public Health Nutrition</i> , 2009 , 12, 369-81	3.3	51
85	n-3 Fatty acids, hypertension and risk of cognitive decline among older adults in the Atherosclerosis Risk in Communities (ARIC) study. <i>Public Health Nutrition</i> , 2008 , 11, 17-29	3.3	43
84	Vitamin D receptor and megalin gene polymorphisms and their associations with longitudinal cognitive change in US adults. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 163-78	7	41
83	Serum Uric Acid and Its Association with Longitudinal Cognitive Change Among Urban Adults. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 1415-30	4.3	37
82	Helicobacter pylori seropositivity and cognitive performance among US adults: evidence from a large national survey. <i>Psychosomatic Medicine</i> , 2013 , 75, 486-96	3.7	36
81	Dietary patterns and sarcopenia in an urban African American and White population in the United States. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2013 , 32, 291-316	2.1	35
80	Vitamin D and breast cancer: A systematic review and meta-analysis of observational studies. <i>Clinical Nutrition ESPEN</i> , 2019 , 30, 170-184	1.3	35
79	Caffeine and alcohol intakes and overall nutrient adequacy are associated with longitudinal cognitive performance among U.S. adults. <i>Journal of Nutrition</i> , 2014 , 144, 890-901	4.1	34
78	Associations of the Ratios of n-3 to n-6 Dietary Fatty Acids With Longitudinal Changes in Depressive Symptoms Among US Women. <i>American Journal of Epidemiology</i> , 2015 , 181, 691-705	3.8	29
77	Apolipoprotein E $\epsilon 4$ allele interacts with sex and cognitive status to influence all-cause and cause-specific mortality in U.S. older adults. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 525-34	5.6	29
76	The sex-specific role of plasma folate in mediating the association of dietary quality with depressive symptoms. <i>Journal of Nutrition</i> , 2010 , 140, 338-47	4.1	29
75	Receiver-operating characteristics of adiposity for metabolic syndrome: the Healthy Aging in Neighborhoods of Diversity across the Life Span (HANDLS) study. <i>Public Health Nutrition</i> , 2011 , 14, 77-92	3.3	28
74	Perceived Discrimination and Longitudinal Change in Kidney Function Among Urban Adults. <i>Psychosomatic Medicine</i> , 2017 , 79, 824-834	3.7	27
73	Dietary antioxidant intake and its association with cognitive function in an ethnically diverse sample of US adults. <i>Psychosomatic Medicine</i> , 2015 , 77, 68-82	3.7	27
72	Thyroid hormones are associated with longitudinal cognitive change in an urban adult population. <i>Neurobiology of Aging</i> , 2015 , 36, 3056-3066	5.6	27

71	Systemic Inflammation Is Associated With Longitudinal Changes in Cognitive Performance Among Urban Adults. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 313	5.3	27
70	<i>Helicobacter pylori</i> seropositivity and its association with incident all-cause and Alzheimer's disease dementia in large national surveys. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1148-1158	1.2	26
69	Serum leptin, thyroxine and thyroid-stimulating hormone levels interact to affect cognitive function among US adults: evidence from a large representative survey. <i>Neurobiology of Aging</i> , 2012 , 33, 1730-43	5.6	25
68	Sex, Race, and Socioeconomic Disparities in Patients With Aortic Stenosis (from a Nationwide Inpatient Sample). <i>American Journal of Cardiology</i> , 2016 , 118, 860-865	3	25
67	Vitamin D Status and Intakes and Their Association With Cognitive Trajectory in a Longitudinal Study of Urban Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1654-1668	5.6	24
66	Monetary Value of Diet Is Associated with Dietary Quality and Nutrient Adequacy among Urban Adults, Differentially by Sex, Race and Poverty Status. <i>PLoS ONE</i> , 2015 , 10, e0140905	3.7	23
65	Sleep Disturbances among Older Adults in the United States, 2002-2012: Nationwide Inpatient Rates, Predictors, and Outcomes. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 266	5.3	22
64	Sex and age differences in the associations between sleep behaviors and all-cause mortality in older adults: results from the National Health and Nutrition Examination Surveys. <i>Sleep Medicine</i> , 2017 , 36, 141-151	4.6	21
63	Dairy product consumption and its association with metabolic disturbance in a prospective study of urban adults. <i>British Journal of Nutrition</i> , 2018 , 119, 706-719	3.6	21
62	Vitamin D Receptor and Megalin Gene Polymorphisms Are Associated with Longitudinal Cognitive Change among African-American Urban Adults. <i>Journal of Nutrition</i> , 2017 , 147, 1048-1062	4.1	18
61	Accelerated epigenetic age and cognitive decline among urban-dwelling adults. <i>Neurology</i> , 2020 , 94, e613-e625	6.5	18
60	The interplay of gender, mood, and stress hormones in the association between emotional eating and dietary behavior. <i>Journal of Nutrition</i> , 2014 , 144, 1139-41	4.1	18
59	Self-rated health as a tool for estimating health-adjusted life expectancy among patients newly diagnosed with localized prostate cancer: a preliminary study. <i>Quality of Life Research</i> , 2011 , 20, 713-21	3.7	18
58	Health Literacy and Education Predict Nutrient Quality of Diet of Socioeconomically Diverse, Urban Adults 2016 , 2,		17
57	Cytokines are associated with longitudinal changes in cognitive performance among urban adults. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 474-487	16.6	15
56	<i>Helicobacter pylori</i> , periodontal pathogens, and their interactive association with incident all-cause and Alzheimer's disease dementia in a large national survey. <i>Molecular Psychiatry</i> , 2020 ,	15.1	14
55	Socio-demographic disparities in distribution shifts over time in various adiposity measures among American children and adolescents: What changes in prevalence rates could not reveal. <i>Pediatric Obesity</i> , 2011 , 6, 21-35		14
54	Bisphenol-A and Sleep Adequacy among Adults in the National Health and Nutrition Examination Surveys. <i>Sleep</i> , 2016 , 39, 467-76	1.1	14

53	Systemic inflammation is associated with depressive symptoms differentially by sex and race: a longitudinal study of urban adults. <i>Molecular Psychiatry</i> , 2020 , 25, 1286-1300	15.1	14
52	Regional Variation in Outcomes of Hospitalized Patients Having Out-of-Hospital Cardiac Arrest. <i>American Journal of Cardiology</i> , 2017 , 120, 421-427	3	13
51	Genetic risk scores, sex and dietary factors interact to alter serum uric acid trajectory among African-American urban adults. <i>British Journal of Nutrition</i> , 2017 , 117, 686-697	3.6	13
50	Gene polymorphisms and gene scores linked to low serum carotenoid status and their associations with metabolic disturbance and depressive symptoms in African-American adults. <i>British Journal of Nutrition</i> , 2014 , 112, 992-1003	3.6	11
49	Measurement error adjustment in essential fatty acid intake from a food frequency questionnaire: alternative approaches and methods. <i>BMC Medical Research Methodology</i> , 2007 , 7, 41	4.7	11
48	Mediating-Moderating Effect of Allostatic Load on the Association between Dietary Approaches to Stop Hypertension Diet and All-Cause and Cause-Specific Mortality: 2001-2010 National Health and Nutrition Examination Surveys. <i>Nutrients</i> , 2019 , 11,	6.7	10
47	Association of Antioxidant Vitamins A, C, E and Carotenoids with Cognitive Performance over Time: A Cohort Study of Middle-Aged Adults. <i>Nutrients</i> , 2020 , 12,	6.7	10
46	Association of Alcohol-Induced Loss of Consciousness and Overall Alcohol Consumption With Risk for Dementia. <i>JAMA Network Open</i> , 2020 , 3, e2016084	10.4	9
45	In-hospital left ventricular thrombus following ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2020 , 299, 1-6	3.2	9
44	Dietary factors are associated with serum uric acid trajectory differentially by race among urban adults. <i>British Journal of Nutrition</i> , 2018 , 120, 935-945	3.6	9
43	Comorbid Parkinson's disease, falls and fractures in the 2010 National Emergency Department Sample. <i>Parkinsonism and Related Disorders</i> , 2017 , 35, 30-35	3.6	8
42	Periodontal disease, sleep duration, and white blood cell markers in the 2009 to 2014 National Health and Nutrition Examination Surveys. <i>Journal of Periodontology</i> , 2020 , 91, 582-595	4.6	8
41	Alternative Pathway Analyses Indicate Bidirectional Relations between Depressive Symptoms, Diet Quality, and Central Adiposity in a Sample of Urban US Adults. <i>Journal of Nutrition</i> , 2016 , 146, 1241-9	4.1	8
40	The Interplay of Diet Quality and Alzheimer's Disease Genetic Risk Score in Relation to Cognitive Performance Among Urban African Americans. <i>Nutrients</i> , 2019 , 11,	6.7	7
39	Nationwide study of therapeutic plasma exchange vs intravenous immunoglobulin in Guillain-Barré syndrome. <i>Muscle and Nerve</i> , 2020 , 61, 608-615	3.4	7
38	Vitamin D Metabolism-Related Gene Haplotypes and Their Association with Metabolic Disturbances Among African-American Urban Adults. <i>Scientific Reports</i> , 2018 , 8, 8035	4.9	7
37	Helicobacter pylori seropositivity's association with markers of iron, 1-carbon metabolism, and antioxidant status among US adults: a structural equations modeling approach. <i>PLoS ONE</i> , 2015 , 10, e0121390	3.7	7
36	Red Cell Distribution Width Is Directly Associated with Poor Cognitive Performance among Nonanemic, Middle-Aged, Urban Adults. <i>Journal of Nutrition</i> , 2020 , 150, 128-139	4.1	7

35	Association between epigenetic age acceleration and depressive symptoms in a prospective cohort study of urban-dwelling adults. <i>Journal of Affective Disorders</i> , 2019 , 257, 64-73	6.6	6
34	Race, APOE genotypes, and cognitive decline among middle-aged urban adults. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 120	9	6
33	Anti-Müllerian Hormone Levels and Cardiometabolic Disturbances by Weight Status Among Men in the 1999 to 2004 National Health and Nutrition Examination Survey. <i>Journal of the Endocrine Society</i> , 2019 , 3, 921-936	0.4	5
32	Longitudinal Associations between Monetary Value of the Diet, DASH Diet Score and the Allostatic Load among Middle-Aged Urban Adults. <i>Nutrients</i> , 2019 , 11,	6.7	5
31	Longitudinal change in the diet's monetary value is associated with its change in quality and micronutrient adequacy among urban adults. <i>PLoS ONE</i> , 2018 , 13, e0204141	3.7	5
30	Use of Dietary Supplements Improved Diet Quality But Not Cardiovascular and Nutritional Biomarkers in Socioeconomically Diverse African American and White Adults. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2017 , 36, 92-110	2.1	4
29	Dietary Approaches to Stop Hypertension (DASH) Score and Its Association with Sleep Quality in a National Survey of Middle-Aged and Older Men and Women. <i>Nutrients</i> , 2020 , 12,	6.7	4
28	Longitudinal associations between dietary quality and Alzheimer's disease genetic risk on cognitive performance among African American adults. <i>British Journal of Nutrition</i> , 2020 , 124, 1264-1276	3.6	4
27	Insomnia as a predictor of diagnosed memory problems: 2006-2016 Health and Retirement Study. <i>Sleep Medicine</i> , 2021 , 80, 158-166	4.6	4
26	Patterns of Bariatric Surgeries Among U.S. Women Diagnosed with Polycystic Ovarian Syndrome. <i>Journal of Women's Health</i> , 2020 , 29, 585-595	3	3
25	Biochemical and Hematological Correlates of Elevated Homocysteine in National Surveys and a Longitudinal Study of Urban Adults. <i>Nutrients</i> , 2020 , 12,	6.7	3
24	Health needs, utilization of services and access to care among Medicaid and uninsured patients with chronic disease in health centres. <i>Journal of Health Services Research and Policy</i> , 2019 , 24, 172-181	2.4	3
23	Aspects of Dietary Diversity Changes across Adulthood in Racially Diverse Adults. <i>Nutrients</i> , 2020 , 12,	6.7	3
22	Racial and Ethnic Disparities in Treatment Outcomes of Patients with Ruptured or Unruptured Intracranial Aneurysms. <i>Journal of Racial and Ethnic Health Disparities</i> , 2019 , 6, 345-355	3.5	3
21	COVID-19 pandemic impact on trajectories in cardiometabolic health, physical activity and functioning among adults from the 2006-2020 Health and Retirement Study.. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022 ,	6.4	2
20	Red Cell Distribution Width, Anemia, and Brain Volumetric Outcomes Among Middle-Aged Adults. <i>Journal of Alzheimer's Disease</i> , 2021 , 81, 711-727	4.3	2
19	Cross-sectional study of major procedure codes among hospitalized patients with traumatic brain injury by level of injury severity in the 2004 to 2014 Nationwide Inpatient Sample. <i>Medicine (United States)</i> , 2021 , 100, e24438	1.8	2
18	Periodontal pathogens and their association with incident all-cause and Alzheimer's disease dementia in a large national survey. <i>Alzheimer's and Dementia</i> , 2020 , 16, e036141	1.2	1

17	How do socio-economic status (SES), perceived economic barriers and nutritional benefits affect quality of dietary intake among US adults?. <i>FASEB Journal</i> , 2007 , 21, A1063	0.9	1
16	Regional variation in outcomes and healthcare resources utilization in, emergency department visits for syncope. <i>American Journal of Emergency Medicine</i> , 2021 , 44, 62-67	2.9	1
15	Plasma neurofilament light as a potential biomarker for cognitive decline in a longitudinal study of middle-aged urban adults. <i>Translational Psychiatry</i> , 2021 , 11, 436	8.6	1
14	Pathways explaining racial/ethnic disparities in incident all-cause and Alzheimer's disease dementia among older US men and women.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022 , 8, e12275	6	1
13	Predictors of Covid-19 level of concern among older adults from the health and retirement study.. <i>Scientific Reports</i> , 2022 , 12, 4396	4.9	1
12	Vitamin D, Folate, and Cobalamin Serum Concentrations Are Related to Brain Volume and White Matter Integrity in Urban Adults. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 140	5.3	0
11	Associations between race, APOE genotype, cognition, and mortality among urban middle-aged white and African American adults. <i>Scientific Reports</i> , 2021 , 11, 19849	4.9	0
10	Vitamin D status and its longitudinal association with changes in patterns of sleep among middle-aged urban adults. <i>Journal of Affective Disorders</i> , 2021 , 282, 858-868	6.6	0
9	Red cell distribution width, anemia and their associations with white matter integrity among middle-aged urban adults. <i>Neurobiology of Aging</i> , 2021 , 105, 229-240	5.6	0
8	Serum 25-hydroxyvitamin D, folate and cobalamin and their association with brain volumes and white matter integrity in a sample of urban adults. <i>Alzheimer's and Dementia</i> , 2020 , 16, e036154	1.2	
7	One-carbon metabolism gene polymorphisms are associated with cognitive trajectory among African-American adults. <i>Neurobiology of Aging</i> , 2019 , 84, 238.e5-238.e18	5.6	
6	Dairy and related nutrient consumption among US adults and their association with obesity, central obesity and the metabolic syndrome. <i>FASEB Journal</i> , 2008 , 22, 316.6	0.9	
5	Nutritional Supplement Use of an Urban African American and White Population. <i>FASEB Journal</i> , 2015 , 29, 586.4	0.9	
4	Sociodemographic disparities in adiposity distribution shifts in American children and adolescents. <i>FASEB Journal</i> , 2009 , 23, 551.34	0.9	
3	Two latent classes of diagnostic and treatment procedures among traumatic brain injury inpatients. <i>Scientific Reports</i> , 2020 , 10, 10825	4.9	
2	Hospitalization outcomes among brain metastasis patients receiving radiation therapy with or without stereotactic radiosurgery from the 2005-2014 Nationwide Inpatient Sample. <i>Scientific Reports</i> , 2021 , 11, 19209	4.9	
1	Intakes of Total and Branched-Chain Essential Amino Acids are Positively Associated with Handgrip Strength in African American and White Urban Younger and Older Adults.. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2022 , 1-20	2.1	