

May A Beydoun

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

6,869
citations

94269

37
h-index

62479

80
g-index

119
all docs

119
docs citations

119
times ranked

10694
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	2,321
2	Epidemiologic studies of modifiable factors associated with cognition and dementia: systematic review and meta-analysis. <i>BMC Public Health</i> , 2014, 14, 643.	1.2	506
3	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.	0.9	300
4	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, 1103-1111.	2.2	235
5	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, 1914-1925.	2.2	231
6	Do nutrition knowledge and beliefs modify the association of socio-economic factors and diet quality among US adults?. <i>Preventive Medicine</i> , 2008, 46, 145-153.	1.6	162
7	Serum Antioxidant Status Is Associated with Metabolic Syndrome among U.S. Adults in Recent National Surveys. <i>Journal of Nutrition</i> , 2011, 141, 903-913.	1.3	117
8	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, 2218-2229.	1.8	112
9	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.	2.0	112
10	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.	1.5	111
11	Parent-child dietary intake resemblance in the United States: Evidence from a large representative survey. <i>Social Science and Medicine</i> , 2009, 68, 2137-2144.	1.8	107
12	Statins and serum cholesterol's associations with incident dementia and mild cognitive impairment. <i>Journal of Epidemiology and Community Health</i> , 2011, 65, 949-957.	2.0	96
13	Carotenoids, vitamin A, and their association with the metabolic syndrome: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2019, 77, 32-45.	2.6	92
14	Serum Folate, Vitamin B-12, and Homocysteine and Their Association With Depressive Symptoms Among U.S. Adults. <i>Psychosomatic Medicine</i> , 2010, 72, 862-873.	1.3	88
15	Serum Nutritional Biomarkers and Their Associations with Sleep among US Adults in Recent National Surveys. <i>PLoS ONE</i> , 2014, 9, e103490.	1.1	88
16	Gender-ethnic Disparity in BMI and Waist Circumference Distribution Shifts in US Adults. <i>Obesity</i> , 2009, 17, 169-176.	1.5	86
17	Vitamin D and breast cancer: A systematic review and meta-analysis of observational studies. <i>Clinical Nutrition ESPEN</i> , 2019, 30, 170-184.	0.5	78
18	Serum Antioxidant Concentrations and Metabolic Syndrome Are Associated among U.S. Adolescents in Recent National Surveys. <i>Journal of Nutrition</i> , 2012, 142, 1693-1704.	1.3	72

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19	Midlife obesity and trajectories of brain volume changes in older adults. <i>Human Brain Mapping</i> , 2012, 33, 2204-2210.	1.9	63
20	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, 1.	1.1	62
21	Serum Uric Acid and Its Association with Longitudinal Cognitive Change Among Urban Adults. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1415-1430.	1.2	62
22	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, 304-311.	1.3	60
23	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, 1084-1095.	2.2	58
24	<i>n</i> 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.	1.1	50
25	<i>Helicobacter pylori</i> Seropositivity and Cognitive Performance Among US Adults. <i>Psychosomatic Medicine</i> , 2013, 75, 486-496.	1.3	50
26	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, 163-178.	2.2	49
27	<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.	0.4	49
28	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.	4.1	48
29	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.	1.3	47
30	Sex, Race, and Socioeconomic Disparities in Patients With Aortic Stenosis (from a Nationwide) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	0.7	45
31	Systemic Inflammation Is Associated With Longitudinal Changes in Cognitive Performance Among Urban Adults. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 313.	1.7	45
32	Accelerated epigenetic age and cognitive decline among urban-dwelling adults. <i>Neurology</i> , 2020, 94, e613-e625.	1.5	45
33	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.	0.4	43
34	Perceived Discrimination and Longitudinal Change in Kidney Function Among Urban Adults. <i>Psychosomatic Medicine</i> , 2017, 79, 824-834.	1.3	42
35	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.	1.8	42
36	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.	1.3	41

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37	Helicobacter pylori, periodontal pathogens, and their interactive association with incident all-cause and Alzheimer's disease dementia in a large national survey. <i>Molecular Psychiatry</i> , 2021, 26, 6038-6053.	4.1	39
38	The Sex-Specific Role of Plasma Folate in Mediating the Association of Dietary Quality with Depressive Symptoms. <i>Journal of Nutrition</i> , 2010, 140, 338-347.	1.3	38
39	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.	1.1	37
40	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.	1.6	35
41	Apolipoprotein E ϵ 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, 525-534.	1.3	32
42	Thyroid hormones are associated with longitudinal cognitive change in an urban adult population. <i>Neurobiology of Aging</i> , 2015, 36, 3056-3066.	1.5	32
43	Bisphenol-A and Sleep Adequacy among Adults in the National Health and Nutrition Examination Surveys. <i>Sleep</i> , 2016, 39, 467-476.	0.6	30
44	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.	0.8	30
45	Health Literacy and Education Predict Nutrient Quality of Diet of Socioeconomically Diverse, Urban Adults. <i>Journal of Epidemiology and Preventive Medicine</i> , 2016, 02, .	0.2	29
46	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.	1.7	29
47	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.	1.1	28
48	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, 1730-1743.	1.5	27
49	The Interplay of Gender, Mood, and Stress Hormones in the Association between Emotional Eating and Dietary behavior. <i>Journal of Nutrition</i> , 2014, 144, 1139-1141.	1.3	27
50	Association of Serum Antioxidant Vitamins and Carotenoids With Incident Alzheimer Disease and All-Cause Dementia Among US Adults. <i>Neurology</i> , 2022, 98, .	1.5	27
51	Cytokines are associated with longitudinal changes in cognitive performance among urban adults. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 474-487.	2.0	26
52	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.	1.2	23
53	Regional Variation in Outcomes of Hospitalized Patients Having Out-of-Hospital Cardiac Arrest. <i>American Journal of Cardiology</i> , 2017, 120, 421-427.	0.7	22
54	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, 2311.	1.7	22

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55	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, 3558.	1.7	21
56	Race, APOE genotypes, and cognitive decline among middle-aged urban adults. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 120.	3.0	21
57	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.	2.4	21
58	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.	1.2	20
59	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.	1.3	19
60	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.	2.0	19
61	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, 713-721.	1.5	18
62	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.	1.2	18
63	In-hospital left ventricular thrombus following ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2020, 299, 1-6.	0.8	18
64	Association of Alcohol-Induced Loss of Consciousness and Overall Alcohol Consumption With Risk for Dementia. <i>JAMA Network Open</i> , 2020, 3, e2016084.	2.8	18
65	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.	3.2	17
66	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.	1.3	16
67	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.	1.7	16
68	Comorbid Parkinson's disease, falls and fractures in the 2010 National Emergency Department Sample. <i>Parkinsonism and Related Disorders</i> , 2017, 35, 30-35.	1.1	14
69	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, 2181.	1.7	14
70	Insomnia as a predictor of diagnosed memory problems: 2006-2016 Health and Retirement Study. <i>Sleep Medicine</i> , 2021, 80, 158-166.	0.8	14
71	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, 1241-1249.	1.3	13
72	Nationwide study of therapeutic plasma exchange vs intravenous immunoglobulin in Guillain-Barré syndrome. <i>Muscle and Nerve</i> , 2020, 61, 608-615.	1.0	13

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73	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, 1510.	1.7	12
74	BMI and Allostatic Load Are Directly Associated with Longitudinal Increase in Plasma Neurofilament Light among Urban Middle-Aged Adults. <i>Journal of Nutrition</i> , 2022, 152, 535-549.	1.3	12
75	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.	1.4	11
76	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.	1.2	11
77	Associations between race, APOE genotype, cognition, and mortality among urban middle-aged white and African American adults. <i>Scientific Reports</i> , 2021, 11, 19849.	1.6	11
78	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.	0.8	10
79	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.	1.2	10
80	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, 77, 1371-1379.	1.7	10
81	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, 2360.	1.7	9
82	<i>Helicobacter pylori</i> 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.	1.1	9
83	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.	1.8	9
84	Vitamin D Metabolism-Related Gene Haplotypes and Their Association with Metabolic Disturbances Among African-American Urban Adults. <i>Scientific Reports</i> , 2018, 8, 8035.	1.6	8
85	Midlife obesity, related behavioral factors, and the risk of dementia in later life. <i>Neurology</i> , 2020, 94, 53-54.	1.5	8
86	Biochemical and Hematological Correlates of Elevated Homocysteine in National Surveys and a Longitudinal Study of Urban Adults. <i>Nutrients</i> , 2020, 12, 950.	1.7	8
87	Anti-Allergic 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.	0.1	7
88	Patterns of Bariatric Surgeries Among U.S. Women Diagnosed with Polycystic Ovarian Syndrome. <i>Journal of Women's Health</i> , 2020, 29, 585-595.	1.5	7
89	Red Cell Distribution Width, Anemia, and Brain Volumetric Outcomes Among Middle-Aged Adults. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 711-727.	1.2	7
90	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.	1.1	6

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91	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.	1.8	5
92	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.	0.4	4
93	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.	1.7	4
94	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.	1.5	4
95	Plasma neurofilament light and its association with all-cause mortality risk among urban middle-aged men and women. <i>BMC Medicine</i> , 2022, 20, .	2.3	4
96	Aspects of Dietary Diversity Changes across Adulthood in Racially Diverse Adults. <i>Nutrients</i> , 2020, 12, 2455.	1.7	3
97	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.	2.0	3
98	Two latent classes of diagnostic and treatment procedures among traumatic brain injury inpatients. <i>Scientific Reports</i> , 2020, 10, 10825.	1.6	2
99	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, 1-10.	1.7	2
100	Caregiver Status and Diet Quality in Community-Dwelling Adults. <i>Nutrients</i> , 2021, 13, 1803.	1.7	2
101	Predictors of Covid-19 level of concern among older adults from the health and retirement study. <i>Scientific Reports</i> , 2022, 12, 4396.	1.6	2
102	Psychotropic medication use and Parkinson's disease risk amongst older women. <i>Annals of Clinical and Translational Neurology</i> , 2021, 10, 1-10.	1.7	2
103	Epigenetic clocks and their association with trajectories in perceived discrimination and depressive symptoms among US middle-aged and older adults. <i>Aging</i> , 2022, 14, 5311-5344.	1.4	2
104	Association of DASH and Depressive Symptoms with BMI over Adulthood in Racially and Socioeconomically Diverse Adults Examined in the HANDLS Study. <i>Nutrients</i> , 2019, 11, 2934.	1.7	1
105	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.	0.4	1
106	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.	0.7	1
107	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.	1.6	1
108	How do socioeconomic status (SES), perceived economic barriers and nutritional benefits affect quality of dietary intake among US adults?. <i>FASEB Journal</i> , 2007, 21, A1063.	0.2	1

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109	Evidence of acculturation's impact on dietary quality among non-Hispanic blacks. American Journal of Clinical Nutrition, 2018, 107, 679-680.	2.2	0
110	One-carbon metabolism gene polymorphisms are associated with cognitive trajectory among African-American adults. Neurobiology of Aging, 2019, 84, 238.e5-238.e18.	1.5	0
111	The Relationship of Diet Quality with Proportion of Daily Energy Contributed by Sandwiches Varies by Age over Adulthood in Racially and Socioeconomically Diverse Adults. Nutrients, 2020, 12, 2807.	1.7	0
112	Serum 25-hydroxyvitamin D, folate and cobalamin and their association with brain volumes and white matter integrity in a sample of urban adults. Alzheimer's and Dementia, 2020, 16, e036154.	0.4	0
113	Dairy and related nutrient consumption among US adults and their association with obesity, central obesity and the metabolic syndrome. FASEB Journal, 2008, 22, 316.6.	0.2	0
114	Will all Americans become overweight or obese? Obesity prevalence and health care cost projections. FASEB Journal, 2008, 22, .	0.2	0
115	Sociodemographic disparities in adiposity distribution shifts in American children and adolescents. FASEB Journal, 2009, 23, 551.34.	0.2	0
116	Nutritional Supplement Use of an Urban African American and White Population. FASEB Journal, 2015, 29, 586.4.	0.2	0
117	Socio-demographic, lifestyle and health characteristics as predictors of self-reported Covid-19 history among older adults: 2006-2020 Health and Retirement Study. American Journal of Infection Control, 2022, , .	1.1	0
118	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. Journal of Nutrition in Gerontology and Geriatrics, 2022, 41, 140-159.	0.4	0