

Melissa C Nelson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128
papers

8,963
citations

46
h-index

93
g-index

131
ext. papers

10,069
ext. citations

4
avg, IF

6.34
L-index

#	Paper	IF	Citations
128	Neighborhood environments: disparities in access to healthy foods in the U.S. <i>American Journal of Preventive Medicine</i> , 2009 , 36, 74-81	6.1	1319
127	Inequality in the built environment underlies key health disparities in physical activity and obesity. <i>Pediatrics</i> , 2006 , 117, 417-24	7.4	1170
126	Emerging adulthood and college-aged youth: an overlooked age for weight-related behavior change. <i>Obesity</i> , 2008 , 16, 2205-11	8	695
125	Longitudinal physical activity and sedentary behavior trends: adolescence to adulthood. <i>American Journal of Preventive Medicine</i> , 2004 , 27, 277-83	6.1	383
124	Longitudinal and secular trends in physical activity and sedentary behavior during adolescence. <i>Pediatrics</i> , 2006 , 118, e1627-34	7.4	333
123	Physical activity and sedentary behavior patterns are associated with selected adolescent health risk behaviors. <i>Pediatrics</i> , 2006 , 117, 1281-90	7.4	243
122	Built and social environments associations with adolescent overweight and activity. <i>American Journal of Preventive Medicine</i> , 2006 , 31, 109-17	6.1	223
121	Impact of cooking and home food preparation interventions among adults: outcomes and implications for future programs. <i>Journal of Nutrition Education and Behavior</i> , 2014 , 46, 259-276	2	180
120	Neighbourhood food environments: are they associated with adolescent dietary intake, food purchases and weight status?. <i>Public Health Nutrition</i> , 2010 , 13, 1757-63	3.3	166
119	Credit card debt, stress and key health risk behaviors among college students. <i>American Journal of Health Promotion</i> , 2008 , 22, 400-7	2.5	125
118	Adolescent physical activity and sedentary behavior: patterning and long-term maintenance. <i>American Journal of Preventive Medicine</i> , 2005 , 28, 259-66	6.1	125
117	Understanding the perceived determinants of weight-related behaviors in late adolescence: a qualitative analysis among college youth. <i>Journal of Nutrition Education and Behavior</i> , 2009 , 41, 287-92	2	124
116	Does involvement in food preparation track from adolescence to young adulthood and is it associated with better dietary quality? Findings from a 10-year longitudinal study. <i>Public Health Nutrition</i> , 2012 , 15, 1150-8	3.3	121
115	The validation of a home food inventory. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008 , 5, 55	8.4	115
114	Factors Related to the High Rates of Food Insecurity among Diverse, Urban College Freshmen. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016 , 116, 1450-1457	3.9	108
113	Positive attitudes toward organic, local, and sustainable foods are associated with higher dietary quality among young adults. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2013 , 113, 127-32	3.9	97
112	Making time for meals: meal structure and associations with dietary intake in young adults. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 72-9		94

111	Interventions for weight gain prevention during the transition to young adulthood: a review of the literature. <i>Journal of Adolescent Health</i> , 2012 , 50, 324-33	5.8	92
110	Development and evaluation of a brief screener to estimate fast-food and beverage consumption among adolescents. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 730-4		90
109	Does television viewing predict dietary intake five years later in high school students and young adults?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2009 , 6, 7	8.4	89
108	Predictors of fruit and vegetable intake in young adulthood. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 1216-22	3.9	85
107	Fast food intake among adolescents: secular and longitudinal trends from 1999 to 2004. <i>Preventive Medicine</i> , 2009 , 48, 284-7	4.3	84
106	Are adolescents who were breast-fed less likely to be overweight? Analyses of sibling pairs to reduce confounding. <i>Epidemiology</i> , 2005 , 16, 247-53	3.1	84
105	Lessons learned from small store programs to increase healthy food access. <i>American Journal of Health Behavior</i> , 2014 , 38, 307-15	1.9	82
104	Longitudinal associations between key dietary behaviors and weight gain over time: transitions through the adolescent years. <i>Obesity</i> , 2012 , 20, 118-25	8	79
103	Social norms and dietary behaviors among young adults. <i>American Journal of Health Behavior</i> , 2014 , 38, 144-52	1.9	77
102	Parental influences on adolescents' physical activity and sedentary behavior: longitudinal findings from Project EAT-II. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008 , 5, 12	8.4	77
101	Disparities in Weight and Weight Behaviors by Sexual Orientation in College Students. <i>American Journal of Public Health</i> , 2015 , 105, 111-121	5.1	72
100	Hungry to learn: the prevalence and effects of food insecurity on health behaviors and outcomes over time among a diverse sample of university freshmen. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 9	8.4	64
99	Nutrition label use partially mediates the relationship between attitude toward healthy eating and overall dietary quality among college students. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 414-8	3.9	64
98	Body mass index gain, fast food, and physical activity: effects of shared environments over time. <i>Obesity</i> , 2006 , 14, 701-9	8	63
97	Sleep duration and BMI in a sample of young adults. <i>Obesity</i> , 2012 , 20, 1279-87	8	61
96	The differential prevalence of obesity and related behaviors in two- vs. four-year colleges. <i>Obesity</i> , 2011 , 19, 453-6	8	57
95	Alcohol use, eating patterns, and weight behaviors in a university population. <i>American Journal of Health Behavior</i> , 2009 , 33, 227-37	1.9	56
94	Stress, Health Risk Behaviors, and Weight Status Among Community College Students. <i>Health Education and Behavior</i> , 2016 , 43, 139-44	4.2	54

93	Association between store food environment and customer purchases in small grocery stores, gas-marts, pharmacies and dollar stores. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 76	8.4	54
92	Socio-environmental, personal and behavioural predictors of fast-food intake among adolescents. <i>Public Health Nutrition</i> , 2009 , 12, 1767-74	3.3	54
91	Differences in healthy food supply and stocking practices between small grocery stores, gas-marts, pharmacies and dollar stores. <i>Public Health Nutrition</i> , 2016 , 19, 540-7	3.3	53
90	Balancing healthy meals and busy lives: associations between work, school, and family responsibilities and perceived time constraints among young adults. <i>Journal of Nutrition Education and Behavior</i> , 2012 , 44, 481-9	2	52
89	Family Food Preparation and Its Effects on Adolescent Dietary Quality and Eating Patterns. <i>Journal of Adolescent Health</i> , 2016 , 59, 530-536	5.8	51
88	State but not district nutrition policies are associated with less junk food in vending machines and school stores in US public schools. <i>Journal of the American Dietetic Association</i> , 2010 , 110, 1043-8		50
87	Disparities in dietary intake, meal patterning, and home food environments among young adult nonstudents and 2- and 4-year college students. <i>American Journal of Public Health</i> , 2009 , 99, 1216-9	5.1	49
86	Self-Perceived Cooking Skills in Emerging Adulthood Predict Better Dietary Behaviors and Intake 10 Years Later: A Longitudinal Study. <i>Journal of Nutrition Education and Behavior</i> , 2018 , 50, 494-500	2	48
85	Five-year longitudinal and secular shifts in adolescent beverage intake: findings from project EAT (Eating Among Teens)-II. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 308-12		48
84	Differential prevalence of alcohol use among 2-year and 4-year college students. <i>Addictive Behaviors</i> , 2011 , 36, 1353-6	4.2	47
83	Food environments in university dorms: 20,000 calories per dorm room and counting. <i>American Journal of Preventive Medicine</i> , 2009 , 36, 523-6	6.1	47
82	Adolescent physical activity and screen time: associations with the physical home environment. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2010 , 7, 82	8.4	46
81	Adoption of risk-related factors through early adolescence: associations with weight status and implications for causal mechanisms. <i>Journal of Adolescent Health</i> , 2008 , 43, 387-93	5.8	46
80	How we eat what we eat: identifying meal routines and practices most strongly associated with healthy and unhealthy dietary factors among young adults. <i>Public Health Nutrition</i> , 2015 , 18, 2135-45	3.3	43
79	Campus food and beverage purchases are associated with indicators of diet quality in college students living off campus. <i>American Journal of Health Promotion</i> , 2013 , 28, 80-7	2.5	41
78	Alcohol outlets and youth alcohol use: exposure in suburban areas. <i>Health and Place</i> , 2009 , 15, 642-646	4.6	40
77	Lack of Healthy Food in Small-Size to Mid-Size Retailers Participating in the Supplemental Nutrition Assistance Program, Minneapolis-St. Paul, Minnesota, 2014. <i>Preventing Chronic Disease</i> , 2015 , 12, E135	3.7	39
76	Longitudinal and secular trends in parental encouragement for healthy eating, physical activity, and dieting throughout the adolescent years. <i>Journal of Adolescent Health</i> , 2011 , 49, 306-11	5.8	39

75	Small retailer perspectives of the 2009 Women, Infants and Children Program food package changes. <i>American Journal of Health Behavior</i> , 2012 , 36, 655-65	1.9	39
74	Dog ownership and adolescent physical activity. <i>American Journal of Preventive Medicine</i> , 2011 , 40, 334-76.1		38
73	Stocking characteristics and perceived increases in sales among small food store managers/owners associated with the introduction of new food products approved by the Special Supplemental Nutrition Program for Women, Infants, and Children. <i>Public Health Nutrition</i> , 2012 , 15, 1771-9	3.3	38
72	Perceived social-ecological factors associated with fruit and vegetable purchasing, preparation, and consumption among young adults. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2013 , 113, 1366-74	3.9	37
71	Validity and reliability of a home environment inventory for physical activity and media equipment. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008 , 5, 24	8.4	37
70	Food Insecurity, Diet Quality, Home Food Availability, and Health Risk Behaviors Among Emerging Adults: Findings From the EAT 2010-2018 Study. <i>American Journal of Public Health</i> , 2020 , 110, 1422-1428 ^{5.1}		37
69	Improving literacy about energy-related issues: the need for a better understanding of the concepts behind energy intake and expenditure among adolescents and their parents. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 281-7		36
68	A non-invasive assessment of skin carotenoid status through reflection spectroscopy is a feasible, reliable and potentially valid measure of fruit and vegetable consumption in a diverse community sample. <i>Public Health Nutrition</i> , 2018 , 21, 1664-1670	3.3	35
67	Sports and energy drink consumption are linked to health-risk behaviours among young adults. <i>Public Health Nutrition</i> , 2015 , 18, 2794-803	3.3	35
66	Food and beverage purchases in corner stores, gas-marts, pharmacies and dollar stores. <i>Public Health Nutrition</i> , 2017 , 20, 2587-2597	3.3	34
65	Examining the longitudinal relationship between change in sleep and obesity risk in adolescents. <i>Health Education and Behavior</i> , 2013 , 40, 362-70	4.2	34
64	A Mobile Ecological Momentary Assessment Tool (devilSPARC) for Nutrition and Physical Activity Behaviors in College Students: A Validation Study. <i>Journal of Medical Internet Research</i> , 2016 , 18, e209	7.6	32
63	Weight-Gain Reduction Among 2-Year College Students: The CHOICES RCT. <i>American Journal of Preventive Medicine</i> , 2017 , 52, 183-191	6.1	30
62	Weight and weight-related behaviors among 2-year college students. <i>Journal of American College Health</i> , 2015 , 63, 221-9	2.2	29
61	How significant is the 'significant other'? Associations between significant others' health behaviors and attitudes and young adults' health outcomes. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2012 , 9, 35	8.4	29
60	Self-Reported Mental Disorders and Distress by Sexual Orientation: Results of the Minnesota College Student Health Survey. <i>American Journal of Preventive Medicine</i> , 2015 , 49, 29-40	6.1	28
59	Designing a Weight Gain Prevention Trial for Young Adults: The CHOICES Study. <i>American Journal of Health Education</i> , 2014 , 45, 67-75	1	27
58	Urban v. suburban perceptions of the neighbourhood food environment as correlates of adolescent food purchasing. <i>Public Health Nutrition</i> , 2012 , 15, 299-306	3.3	27

57	Socioeconomic disparities in emerging adult weight and weight behaviors. <i>American Journal of Health Behavior</i> , 2012 , 36, 433-45	1.9	26
56	Yoga᳚ potential for promoting healthy eating and physical activity behaviors among young adults: a mixed-methods study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 42	8.4	25
55	Lesbian, gay and bisexual college student perspectives on disparities in weight-related behaviours and body image: a qualitative analysis. <i>Journal of Clinical Nursing</i> , 2016 , 25, 3676-3686	3.2	24
54	Results of a 2-year randomized, controlled obesity prevention trial: Effects on diet, activity and sleep behaviors in an at-risk young adult population. <i>Preventive Medicine</i> , 2016 , 89, 230-236	4.3	22
53	Secular trends in fast-food restaurant use among adolescents and maternal caregivers from 1999 to 2010. <i>American Journal of Public Health</i> , 2014 , 104, e62-9	5.1	21
52	Vitamin B6 status of children with sickle cell disease. <i>Journal of Pediatric Hematology/Oncology</i> , 2002 , 24, 463-9	1.2	21
51	A latent class analysis of weight-related health behaviors among 2- and 4-year college students and associated risk of obesity. <i>Health Education and Behavior</i> , 2014 , 41, 663-72	4.2	19
50	One-Year Follow-Up Examination of the Impact of the North Carolina Healthy Food Small Retailer Program on Healthy Food Availability, Purchases, and Consumption. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	19
49	Pricing of Staple Foods at Supermarkets versus Small Food Stores. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	18
48	Longitudinal social networks impacts on weight and weight-related behaviors assessed using mobile-based ecological momentary assessments: Study Protocols for the SPARC study. <i>BMC Public Health</i> , 2016 , 16, 901	4.1	17
47	Millennials at work: workplace environments of young adults and associations with weight-related health. <i>Journal of Epidemiology and Community Health</i> , 2016 , 70, 65-71	5.1	17
46	Relationships between energy balance knowledge and the home environment. <i>Journal of the American Dietetic Association</i> , 2011 , 111, 556-60		17
45	Addressing College Food Insecurity: An Assessment of Federal Legislation Before and During Coronavirus Disease-2019. <i>Journal of Nutrition Education and Behavior</i> , 2020 , 52, 982-987	2	17
44	Who is behind the stocking of energy-dense foods and beverages in small stores? The importance of food and beverage distributors. <i>Public Health Nutrition</i> , 2017 , 20, 3333-3342	3.3	16
43	Does non-standard work mean non-standard health? Exploring links between non-standard work schedules, health behavior, and well-being. <i>SSM - Population Health</i> , 2018 , 4, 135-143	3.8	15
42	Customer Characteristics and Shopping Patterns Associated with Healthy and Unhealthy Purchases at Small and Non-traditional Food Stores. <i>Journal of Community Health</i> , 2018 , 43, 70-78	4	15
41	Translating a health behavior change intervention for delivery to 2-year college students: the importance of formative research. <i>Translational Behavioral Medicine</i> , 2014 , 4, 160-9	3.2	15
40	Evaluation of the first U.S. staple foods ordinance: impact on nutritional quality of food store offerings, customer purchases and home food environments. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 83	8.4	14

39	Variation in the food environment of small and non-traditional stores across racial segregation and corporate status. <i>Public Health Nutrition</i> , 2019 , 22, 1624-1634	3.3	13
38	Baseline Assessment of a Healthy Corner Store Initiative: Associations between Food Store Environments, Shopping Patterns, Customer Purchases, and Dietary Intake in Eastern North Carolina. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	13
37	Adolescence to young adulthood: when socioeconomic disparities in substance use emerge. <i>Substance Use and Misuse</i> , 2013 , 48, 1522-9	2.2	13
36	The co-occurrence of obesity, elevated blood pressure, and acanthosis nigricans among American Indian school children: identifying individual heritage and environment-level correlates. <i>American Journal of Human Biology</i> , 2011 , 23, 346-52	2.7	13
35	Relationship between weight-related behavioral profiles and health outcomes by sexual orientation and gender. <i>Obesity</i> , 2016 , 24, 1572-81	8	13
34	Recruiting and retaining young adults in a weight gain prevention trial: Lessons learned from the CHOICES study. <i>Clinical Trials</i> , 2016 , 13, 205-13	2.2	12
33	College Women's Weight-related Behavior Profiles Differ by Sexual Identity. <i>American Journal of Health Behavior</i> , 2015 , 39, 461-70	1.9	11
32	Successful customer intercept interview recruitment outside small and midsize urban food retailers. <i>BMC Public Health</i> , 2016 , 16, 1050	4.1	11
31	Food Insecurity Among College Students: An Analysis of US State Legislation Through 2020. <i>Journal of Nutrition Education and Behavior</i> , 2021 , 53, 261-266	2	11
30	Healthfulness of Foods Advertised in Small and Nontraditional Urban Stores in Minneapolis-St. Paul, Minnesota, 2014. <i>Preventing Chronic Disease</i> , 2016 , 13, E153	3.7	9
29	A brief dietary screener: appropriate for overweight Latino adolescents?. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 725-9		8
28	Friendship as a social mechanism influencing body mass index (BMI) among emerging adults. <i>PLoS ONE</i> , 2018 , 13, e0208894	3.7	8
27	Do young adults value sustainable diet practices? Continuity in values from adolescence to adulthood and linkages to dietary behaviour. <i>Public Health Nutrition</i> , 2019 , 22, 2598-2608	3.3	7
26	Perceptions of a healthier neighborhood food environment linked to greater fruit and vegetable purchases at small and non-traditional food stores. <i>Journal of Hunger and Environmental Nutrition</i> , 2019 , 14, 741-761	1.5	7
25	Food shopping profiles and their association with dietary patterns: a latent class analysis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2015 , 115, 1109-16	3.9	7
24	Store and neighborhood differences in retailer compliance with a local staple foods ordinance. <i>BMC Public Health</i> , 2020 , 20, 172	4.1	7
23	Differences in Weight-Related Behavioral Profiles by Sexual Orientation Among College Men: A Latent Class Analysis. <i>American Journal of Health Promotion</i> , 2016 , 30, 623-633	2.5	7
22	Sociodemographic and health disparities among students screening positive for food insecurity: Findings from a large college health surveillance system. <i>Preventive Medicine Reports</i> , 2021 , 21, 101297	2.6	7

21	Minimum Stocking Requirements for Retailers in the Special Supplemental Nutrition Program for Women, Infants, and Children: Disparities Across US States. <i>American Journal of Public Health</i> , 2017 , 107, 1171-1174	5.1	6
20	Changes to SNAP-authorized retailer stocking requirements and the supply of foods and beverages in low-income communities in seven U.S. states. <i>Translational Behavioral Medicine</i> , 2019 , 9, 857-864	3.2	6
19	Factor Analysis Test of an Ecological Model of Physical Activity Correlates. <i>American Journal of Health Behavior</i> , 2019 , 43, 57-75	1.9	6
18	Deconstructing Weight Management Interventions for Young Adults: Looking Inside the Black Box of the EARLY Consortium Trials. <i>Obesity</i> , 2019 , 27, 1085-1098	8	3
17	Formal and informal agreements between small food stores and food and beverage suppliers: Store owner perspectives from four cities. <i>Journal of Hunger and Environmental Nutrition</i> , 2018 , 13, 517-530	1.5	3
16	Environmental influences on diet and physical activity in childhood: opportunities for intervention. <i>Southern Medical Journal</i> , 2005 , 98, 1161-2	0.6	3
15	State-Level Trends and Correlates for Cross-Sector Collaboration on School Nutrition and Physical Education Activities, 2000-2012. <i>Preventing Chronic Disease</i> , 2016 , 13, E94	3.7	3
14	Pressure-Mediated Reflection Spectroscopy Criterion Validity as a Biomarker of Fruit and Vegetable Intake: A Two-Site Cross-Sectional Study of Four Racial Or Ethnic Groups. <i>Journal of Nutrition</i> , 2021 ,	4.1	3
13	Changes in association between school foods and child and adolescent dietary quality during implementation of the Healthy, Hunger-Free Kids Act of 2010. <i>Annals of Epidemiology</i> , 2020 , 47, 30-36	6.4	2
12	Parental influences on adolescents physical activity and sedentary behavior: longitudinal findings from Project EAT-II. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011 , 8, 12	8.4	2
11	The prominent influence of race on weight-related health among children and adolescents. <i>Journal of Adolescent Health</i> , 2007 , 41, 523-4	5.8	2
10	Sexual Orientation and Obesity: What Do We Know?. <i>Current Obesity Reports</i> , 2021 , 1	8.4	2
9	The Minne-Loppet Motivation Study: An Intervention to Increase Motivation for Outdoor Winter Physical Activity in Ethnically and Racially Diverse Elementary Schools. <i>American Journal of Health Promotion</i> , 2018 , 32, 1706-1713	2.5	1
8	Describing Food and Beverage Restaurants: Creating A Reliable Coding Tool. <i>Health Behavior and Policy Review</i> , 2019 , 6, 152-165	1.2	1
7	Food Insecurity Is Associated with Cognitive Function: A Systematic Review of Findings across the Life Course. <i>International Journal of Translational Medicine</i> , 2021 , 1, 205-222		1
6	Associations between shopping patterns, dietary behaviours and geographic information system-assessed store accessibility among small food store customers. <i>Public Health Nutrition</i> , 2020 , 1-10	3.3	1
5	Best Practices Among Food-Based Community Organizations: A Qualitative Analysis. <i>Ecology of Food and Nutrition</i> , 2020 , 59, 104-116	1.9	1
4	Qualitative perspectives of the North Carolina healthy food small retailer program among customers in participating stores located in food deserts. <i>BMC Public Health</i> , 2021 , 21, 1459	4.1	1

- 3 Secular trends and customer characteristics of sweetened beverage and water purchasing at US convenience and other small food stores, 2014-2017.. *International Journal of Behavioral Nutrition and Physical Activity*, **2022**, 19, 37 8.4 ○
- 2 Where credit is due. *Journal of the American Dietetic Association*, **2004**, 104, 1074-5
- 1 Food shopping, home food availability, and food insecurity among customers in small food stores: an exploratory study. *Translational Behavioral Medicine*, **2020**, 10, 1358-1366 3.2