Patricia M Guenther

List of Publications by Year
in descending order

74 papers	9,365 citations	117453 34 h-index	88477 70 g-index
75 all docs	75 docs citations	75 times ranked	9304 citing authors

#	Article	IF	Citations
1	Update of the Healthy Eating Index: HEI-2010. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 569-580.	0.4	1,079
2	Addressing Current Criticism Regarding the Value of Self-Report Dietary Data. Journal of Nutrition, 2015, 145, 2639-2645.	1.3	712
3	Diet Quality of Americans Differs by Age, Sex, Race/Ethnicity, Income, and Education Level. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 297-306.	0.4	602
4	Development of the Healthy Eating Index-2005. Journal of the American Dietetic Association, 2008, 108, 1896-1901.	1.3	600
5	The Healthy Eating Index-2010 Is a Valid and Reliable Measure of Diet Quality According to the 2010 Dietary Guidelines for Americans. Journal of Nutrition, 2014, 144, 399-407.	1.3	600
6	Statistical Methods for Estimating Usual Intake of Nutrients and Foods: A Review of the Theory. Journal of the American Dietetic Association, 2006, 106, 1640-1650.	1.3	566
7	Americans Do Not Meet Federal Dietary Recommendations. Journal of Nutrition, 2010, 140, 1832-1838.	1.3	561
8	A New Statistical Method for Estimating the Usual Intake of Episodically Consumed Foods with Application to Their Distribution. Journal of the American Dietetic Association, 2006, 106, 1575-1587.	1.3	516
9	Most Americans Eat Much Less than Recommended Amounts of Fruits and Vegetables. Journal of the American Dietetic Association, 2006, 106, 1371-1379.	1.3	513
10	A mixedâ€effects model approach for estimating the distribution of usual intake of nutrients: The NCI method. Statistics in Medicine, 2010, 29, 2857-2868.	0.8	401
11	Dietary Patterns: Challenges and Opportunities in Dietary Patterns Research. Journal of the American Dietetic Association, 2007, 107, 1233-1239.	1.3	293
12	Evaluation of the Healthy Eating Index-2005. Journal of the American Dietetic Association, 2008, 108, 1854-1864.	1.3	285
13	Modeling Data with Excess Zeros and Measurement Error: Application to Evaluating Relationships between Episodically Consumed Foods and Health Outcomes. Biometrics, 2009, 65, 1003-1010.	0.8	229
14	Development of an Approach for Estimating Usual Nutrient Intake Distributions at the Population Level ,. Journal of Nutrition, 1997, 127, 1106-1112.	1.3	178
15	Assessment of the Accuracy of Portion Size Reports Using Computer-Based Food Photographs Aids in the Development of an Automated Self-Administered 24-Hour Recall. Journal of the American Dietetic Association, 2010, 110, 55-64.	1.3	178
16	The Food Propensity Questionnaire: Concept, Development, and Validation for Use as a Covariate in a Model to Estimate Usual Food Intake. Journal of the American Dietetic Association, 2006, 106, 1556-1563.	1.3	157
17	Mean proportion and population proportion: Two answers to the same question?. Journal of the American Dietetic Association, 1989, 89, 671-676.	1.3	129
18	Validity of Portion-Size Measurement Aids. Journal of the American Dietetic Association, 1997, 97, 289-292.	1.3	109

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19	Formative Research of a Quick List for an Automated Self-Administered 24-Hour Dietary Recall. Journal of the American Dietetic Association, 2007, 107, 1002-1007.	1.3	109
20	Alcoholic Beverage Consumption, Nutrient Intakes, and Diet Quality in the US Adult Population, 1999-2006. Journal of the American Dietetic Association, 2010, 110, 551-562.	1.3	107
21	Dietary Supplement Use Differs by Socioeconomic and Health-Related Characteristics among U.S. Adults, NHANES 2011â€“2014. Nutrients, 2018, 10, 1114.	1.7	105
22	A new multivariate measurement error model with zero-inflated dietary data, and its application to dietary assessment. Annals of Applied Statistics, 2011, 5, 1456-1487.	0.5	96
23	Challenges in converting an interviewer-administered food probe database to self-administration in the National Cancer Institute automated self-administered 24-hour recall (ASA24). Journal of Food Composition and Analysis, 2009, 22, S48-S51.	1.9	85
24	A Populationâ€™s Mean Healthy Eating Index-2005 Scores Are Best Estimated by the Score of the Population Ratio when One 24-Hour Recall Is Available1,. Journal of Nutrition, 2008, 138, 1725-1729.	1.3	82
25	Alcohol Drinking Patterns and Diet Quality: The 1999â€“2000 National Health and Nutrition Examination Survey. American Journal of Epidemiology, 2006, 163, 359-366.	1.6	76
26	Sociodemographic, Knowledge, and Attitudinal Factors Related to Meat Consumption in the United States. Journal of the American Dietetic Association, 2005, 105, 1266-1274.	1.3	68
27	Using the Dietary Reference Intakes to Assess Intakes of Groups: Pitfalls to Avoid. Journal of the American Dietetic Association, 2006, 106, 1550-1553.	1.3	66
28	The Population Distribution of Ratios of Usual Intakes of Dietary Components That Are Consumed Every Day Can Be Estimated from Repeated 24-Hour Recalls. Journal of Nutrition, 2010, 140, 111-116.	1.3	63
29	Best Practices for Dietary Supplement Assessment and Estimation of Total Usual Nutrient Intakes in Population-Level Research and Monitoring. Journal of Nutrition, 2019, 149, 181-197.	1.3	58
30	Dietary Reference Intakes for vitamin D: justification for a review of the 1997 values. American Journal of Clinical Nutrition, 2009, 89, 719-727.	2.2	50
31	Dietary Supplement Use and Its Micronutrient Contribution During Pregnancy and Lactation in the United States. Obstetrics and Gynecology, 2020, 135, 623-633.	1.2	48
32	A Populationâ€™s Distribution of Healthy Eating Index-2005 Component Scores Can Be Estimated When More Than One 24-Hour Recall Is Available , ,. Journal of Nutrition, 2010, 140, 1529-1534.	1.3	44
33	Relationship of Sodium Intake and Blood Pressure Varies With Energy Intake. Hypertension, 2018, 71, 858-865.	1.3	42
34	Separating fact from artifact in changes in nutrient intake over time. Journal of the American Dietetic Association, 1994, 94, 270-275.	1.3	34
35	Total Usual Micronutrient Intakes Compared to the Dietary Reference Intakes among U.S. Adults by Food Security Status. Nutrients, 2020, 12, 38.	1.7	34
36	Association of food insecurity with dietary intakes and nutritional biomarkers among US children, National Health and Nutrition Examination Survey (NHANES) 2011â€“2016. American Journal of Clinical Nutrition, 2021, 114, 1059-1069.	2.2	33

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37	The Relationship between Social Support and Diet Quality in Middle-Aged and Older Adults in the United States. Journal of the Academy of Nutrition and Dietetics, 2017, 117, 1272-1278.	0.4	32
38	Dietary Supplement Use among U.S. Children by Family Income, Food Security Level, and Nutrition Assistance Program Participation Status in 2011â€“2014. Nutrients, 2018, 10, 1212.	1.7	32
39	The Provision of Assistance Does Not Substantially Impact the Accuracy of 24-Hour Dietary Recalls Completed Using the Automated Self-Administered 24-H Dietary Assessment Tool among Women with Low Incomes. Journal of Nutrition, 2019, 149, 114-122.	1.3	30
40	Food and nutrient intakes of pregnant and lactating women in the United States. Journal of Nutrition Education and Behavior, 1993, 25, 176-185.	0.5	26
41	Alcoholic Beverage Consumption by Adults Compared to Dietary Guidelines: Results of the National Health and Nutrition Examination Survey, 2009-2010. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 546-550.	0.4	22
42	Using Short-Term Dietary Intake Data to Address Research Questions Related to Usual Dietary Intake among Populations and Subpopulations: Assumptions, Statistical Techniques, and Considerations. Journal of the Academy of Nutrition and Dietetics, 2022, 122, 1246-1262.	0.4	22
43	Modeling dietary patterns to assess sodium recommendations for nutrient adequacy. American Journal of Clinical Nutrition, 2013, 97, 842-847.	2.2	21
44	Development of the Healthy Eating Food Index (HEFI)-2019 measuring adherence to Canadaâ€™s Food Guide 2019 recommendations on healthy food choices. Applied Physiology, Nutrition and Metabolism, 2022, 47, 595-610.	0.9	20
45	Assessing the consumption of berries and associated factors in the United States using the National Health and Nutrition Examination Survey (NHANES), 2007â€“2012. Food and Function, 2018, 9, 1009-1016.	2.1	19
46	Disparities in Risks of Inadequate and Excessive Intake of Micronutrients during Pregnancy. Journal of Nutrition, 2021, 151, 3555-3569.	1.3	19
47	Improved Overall Quality of Diets Reported by Expanded Food and Nutrition Education Program Participants inÂtheÂMountain Region. Journal of Nutrition Education and Behavior, 2015, 47, 421-426.e1.	0.3	18
48	Evaluation of the Healthy Eating Food Index (HEFI)-2019 measuring adherence to Canadaâ€™s Food Guide 2019 recommendations on healthy food choices. Applied Physiology, Nutrition and Metabolism, 2022, 47, 582-594.	0.9	17
49	The Grocery Purchase Quality Index-2016: An innovative approach to assessing grocery food purchases. Journal of Food Composition and Analysis, 2017, 64, 119-126.	1.9	16
50	Older adults with obesity have higher risks of some micronutrient inadequacies and lower overall dietary quality compared to peers with a healthy weight, National Health and Nutrition Examination Surveys (NHANES), 2011â€“2014. Public Health Nutrition, 2020, 23, 2268-2279.	1.1	16
51	The Grocery Purchase Quality Index-2016 Performs Similarly to the Healthy Eating Index-2015 in a National Survey of Household Food Purchases. Journal of the Academy of Nutrition and Dietetics, 2019, 119, 45-56.	0.4	15
52	Comparison of 4 Methods to Assess the Prevalence of Use and Estimates of Nutrient Intakes from Dietary Supplements among US Adults. Journal of Nutrition, 2020, 150, 884-893.	1.3	12
53	Healthy Eating Index-2015 Scores Among Adults Based on Observed vs Recalled Dietary Intake. Journal of the Academy of Nutrition and Dietetics, 2021, 121, 2233-2241.e1.	0.4	11
54	Diet Quality of Lowâ€income and Higherâ€income Americans in 2003â€2004 as Measured by the Healthy Eating Indexâ€2005. FASEB Journal, 2009, 23, 540.5.	0.2	11

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55	Effectiveness of Expanded Food and Nutrition Education Program in Changing Nutrition-Related Outcomes Among Adults With Low Income: A Systematic Review. Journal of Nutrition Education and Behavior, 2021, 53, 691-705.	0.3	10
56	A narrative review of nutrient based indexes to assess diet quality and the proposed total nutrient index that reflects total dietary exposures. Critical Reviews in Food Science and Nutrition, 2023, 63, 1722-1732.	5.4	10
57	Postâ€"Healthy, Hunger-Free Kids Act Adherence to Select School Nutrition Standards by Region and Poverty Level: The Healthy Communities Study. Journal of Nutrition Education and Behavior, 2020, 52, 249-258.	0.3	9
58	Measuring Dietary Botanical Diversity as a Proxy for Phytochemical Exposure. Nutrients, 2021, 13, 1295.	1.7	6
59	Pilot Test of an Online ASA24 Training With EFNEP Educators. SAGE Open, 2019, 9, 215824401984407.	0.8	5
60	Fruit and Vegetable Healthy Eating Index Component Scores of Distributed Food Bags Were Positively Associated with Client Diet Scores in a Sample of Rural, Midwestern Food Pantries. Journal of the Academy of Nutrition and Dietetics, 2021, 121, 74-83.	0.4	5
61	Positive Change in Healthy Eating Scores Among Adults With Low Income After Expanded Food and Nutrition Education Program Participation. Journal of Nutrition Education and Behavior, 2021, 53, 503-510.	0.3	5
62	The Total Nutrient Index is a Useful Measure for Assessing Total Micronutrient Exposures Among US Adults. Journal of Nutrition, 2022, 152, 863-871.	1.3	4
63	Alcoholic beverage consumption by adults 21 years and over in the United States: Results from the National Health and Nutrition Examination Survey (NHANES), 2003â€"2004. FASEB Journal, 2010, 24, 560.9.	0.2	3
64	New Exponential Scoring Functions for Diet Quality Indexes Solve Problems Caused by Truncation. Journal of Nutrition, 2022, 152, 1168-1173.	1.3	3
65	Developing a Food List for Use in a Self-Administered 24-hour Recall. Journal of the American Dietetic Association, 2006, 106, A82.	1.3	2
66	Reply to NV Dhurandhar et al.. Journal of Nutrition, 2016, 146, 1142-1143.	1.3	2
67	Evaluation of the psychometric properties of the revised Healthy Eating Index. FASEB Journal, 2007, 21, A52.	0.2	2
68	The Accuracy of Portion Size Reporting on Self-Administered Online 24-Hour Dietary Recalls Among Women With Low Incomes. Journal of the Academy of Nutrition and Dietetics, 2022, 122, 2243-2256.	0.4	2
69	Online ASA24 Training Manual Pilot-Tested with Expanded Food and Nutrition Education Program (EFNEP) Educators. Journal of Nutrition Education and Behavior, 2017, 49, S94-S95.	0.3	1
70	Stability of Withinâ€Person Variances of Nutrient Intake Over Time. FASEB Journal, 2007, 21, A712.	0.2	0
71	Diet Quality of Americans 65 Years and Older. FASEB Journal, 2010, 24, 93.1.	0.2	0
72	Development of the Healthy Eating Indexâ€2010. FASEB Journal, 2012, 26, 131.1.	0.2	0

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73	The effects of recall sequence/mode and day of week on the estimation of usual intake from 24â€hour recall data: An analysis of the 2003â€“2004 National Health and Nutrition Examination Survey. FASEB Journal, 2013, 27, 621.5.	0.2	0
74	Grocery Purchase Quality Indexâ€2016 Scores Are Moderately Correlated with Healthy Eating Indexâ€2010 Scores in the Food Acquisition and Purchase Survey, 2012â€“13. FASEB Journal, 2017, 31, .	0.2	0