

Megan A Mccrory

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

6,249
citations

66343

42
h-index

66911

78
g-index

89
all docs

89
docs citations

89
times ranked

6637
citing authors

#	ARTICLE	IF	CITATIONS
1	Body-composition assessment via air-displacement plethysmography in adults and children: a review. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 453-467.	4.7	499
2	Evaluation of a new air displacement plethysmograph for measuring human body composition. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 1686-1691.	0.4	386
3	Dietary variety within food groups: association with energy intake and body fatness in men and women. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 440-447.	4.7	329
4	Long-term effects of 2 energy-restricted diets differing in glycemic load on dietary adherence, body composition, and metabolism in CALERIE: a 1-y randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1023-1030.	4.7	276
5	Overeating in America: Association between Restaurant Food Consumption and Body Fatness in Healthy Adult Men and Women Ages 19 to 80. <i>Obesity</i> , 1999, 7, 564-571.	4.0	250
6	Effect of Screening Out Implausible Energy Intake Reports on Relationships between Diet and BMI. <i>Obesity</i> , 2005, 13, 1205-1217.	4.0	245
7	Pulse Consumption, Satiety, and Weight Management. <i>Advances in Nutrition</i> , 2010, 1, 17-30.	6.4	205
8	A Randomized Study of the Effects of Aerobic Exercise by Lactating Women on Breast-Milk Volume and Composition. <i>New England Journal of Medicine</i> , 1994, 330, 449-453.	27.0	203
9	Long-term changes in energy expenditure and body composition after massive weight loss induced by gastric bypass surgery. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 22-30.	4.7	188
10	Energy Intake and Meal Portions: Associations with BMI Percentile in U.S. Children. <i>Obesity</i> , 2004, 12, 1875-1885.	4.0	175
11	Procedures for screening out inaccurate reports of dietary energy intake. <i>Public Health Nutrition</i> , 2002, 5, 873-882.	2.2	168
12	Psychological measures of eating behavior and the accuracy of 3 common dietary assessment methods in healthy postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 739-745.	4.7	154
13	Body composition assessment in extreme obesity and after massive weight loss induced by gastric bypass surgery. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1080-E1088.	3.5	152
14	Body composition by air-displacement plethysmography by using predicted and measured thoracic gas volumes. <i>Journal of Applied Physiology</i> , 1998, 84, 1475-1479.	2.5	146
15	Moderate resistance exercise program: Its effect in slowly progressive neuromuscular disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 1993, 74, 711-715.	0.9	139
16	Dietary Determinants of Energy Intake and Weight Regulation in Healthy Adults. <i>Journal of Nutrition</i> , 2000, 130, 276S-279S.	2.9	126
17	Genetic and environmental influences on factors associated with cardiovascular disease and the metabolic syndrome. <i>Journal of Lipid Research</i> , 2009, 50, 1917-1926.	4.2	120
18	Randomized trial of the short-term effects of dieting compared with dieting plus aerobic exercise on lactation performance. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 959-967.	4.7	114

#	ARTICLE	IF	CITATIONS
19	Facioscapulothumeral Muscular Dystrophy. American Journal of Physical Medicine and Rehabilitation, 1995, 74, S131-S139.	1.4	110
20	Examining Plausibility of Self-Reported Energy Intake Data: Considerations for Method Selection. Frontiers in Nutrition, 2017, 4, 45.	3.7	104
21	Dietary Fiber and Fat Are Associated with Excess Weight in Young and Middle-Aged US Adults. Journal of the American Dietetic Association, 2005, 105, 1365-1372.	1.1	100
22	Dietary Variety Predicts Low Body Mass Index and Inadequate Macronutrient and Micronutrient Intakes in Community-Dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 613-621.	3.6	80
23	Relative influence of diet and physical activity on body composition in urban Chinese adults. American Journal of Clinical Nutrition, 2003, 77, 1409-1416.	4.7	76
24	Effects of Eating Frequency, Snacking, and Breakfast Skipping on Energy Regulation: Symposium Overview. Journal of Nutrition, 2011, 141, 144-147.	2.9	76
25	The Influence of Dietary Composition on Energy Intake and Body Weight. Journal of the American College of Nutrition, 2002, 21, 140S-145S.	1.8	73
26	Fermentable and Nonfermentable Fiber Supplements Did Not Alter Hunger, Satiety or Body Weight in a Pilot Study of Men and Women Consuming Self-Selected Diets. Journal of Nutrition, 2003, 133, 3141-3144.	2.9	70
27	Effects of a 6-Week Hypocaloric Diet on Changes in Body Composition, Hunger, and Subsequent Weight Regain in Healthy Young and Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2000, 55, B580-B587.	3.6	69
28	Hand-held dynamometry reliability in persons with neuropathic weakness. Archives of Physical Medicine and Rehabilitation, 1997, 78, 1364-1368.	0.9	65
29	Eating Frequency and Energy Regulation in Free-Living Adults Consuming Self-Selected Diets. Journal of Nutrition, 2011, 141, 148-153.	2.9	64
30	Effect of calorie restriction on the free-living physical activity levels of nonobese humans: results of three randomized trials. Journal of Applied Physiology, 2011, 110, 956-963.	2.5	63
31	Dairy Intake, Obesity, and Metabolic Health in Children and Adolescents: Knowledge and Gaps. Nutrition Reviews, 2005, 63, 71-80.	5.8	62
32	Metabolic Syndrome in Neuromuscular Disease. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1030-1036.	0.9	60
33	Effects of exercise on plasma lipids and metabolism of lactating women. Medicine and Science in Sports and Exercise, 1995, 27, 2277-2281.	0.4	59
34	Dietary (sensory) variety and energy balance. Physiology and Behavior, 2012, 107, 576-583.	2.1	59
35	Design of the Protocol. American Journal of Physical Medicine and Rehabilitation, 1995, 74, S62-S69.	1.4	55
36	Isometric and isokinetic measurement of hamstring and quadriceps strength. Archives of Physical Medicine and Rehabilitation, 1992, 73, 324-330.	0.9	51

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37	Accuracy of Stated Energy Contents of Restaurant Foods. JAMA - Journal of the American Medical Association, 2011, 306, 287-93.	7.4	51
38	Energy Expenditure Is Very High in Extremely Obese Women. Journal of Nutrition, 2004, 134, 1412-1416.	2.9	49
39	Fast-Food Offerings in the United States in 1986, 1991, and 2016 Show Large Increases in Food Variety, Portion Size, Dietary Energy, and Selected Micronutrients. Journal of the Academy of Nutrition and Dietetics, 2019, 119, 923-933.	0.8	46
40	The Effects of Increased Protein Intake on Fullness: A Meta-Analysis and Its Limitations. Journal of the Academy of Nutrition and Dietetics, 2016, 116, 968-983.	0.8	44
41	Dietary Pattern Is Associated with Homocysteine and B Vitamin Status in an Urban Chinese Population. Journal of Nutrition, 2003, 133, 3636-3642.	2.9	43
42	An Underfeeding Study in Healthy Men and Women Provides Further Evidence of Impaired Regulation of Energy Expenditure in Old Age. Journal of Nutrition, 2001, 131, 1833-1838.	2.9	42
43	Validation of Sensor-Based Food Intake Detection by Multicamera Video Observation in an Unconstrained Environment. Nutrients, 2019, 11, 609.	4.1	37
44	Meal palatability, substrate oxidation and blood glucose in young and older men. Physiology and Behavior, 2001, 72, 5-12.	2.1	36
45	Meal Microstructure Characterization from Sensor-Based Food Intake Detection. Frontiers in Nutrition, 2017, 4, 31.	3.7	36
46	Field Methods for Body Composition Assessment Are Valid in Healthy Chinese Adults. Journal of Nutrition, 2002, 132, 310-317.	2.9	35
47	Low or Moderate Dietary Energy Restriction for Long-term Weight Loss: What Works Best?. Obesity, 2009, 17, 2019-2024.	3.0	32
48	A twin study of the effects of energy density and palatability on energy intake of individual foods. Physiology and Behavior, 2006, 87, 451-459.	2.1	30
49	Evaluation of Dietary Assessment Tools Used to Assess the Diet of Adults Participating in the Communities Advancing the Studies of Tribal Nations Across the Lifespan Cohort. Journal of the American Dietetic Association, 2010, 110, 65-73.	1.1	30
50	Response to high-intensity eccentric muscle contractions in persons with myopathic disease. Muscle and Nerve, 2001, 24, 1181-1187.	2.2	28
51	Nutritional Aspects of Neuromuscular Diseases. Physical Medicine and Rehabilitation Clinics of North America, 1998, 9, 127-143.	1.3	27
52	A Systematic Review of Technology-Driven Methodologies for Estimation of Energy Intake. IEEE Access, 2019, 7, 49653-49668.	4.2	24
53	Comparison of Techniques to Evaluate Adiposity in Stunted and Nonstunted Children. Pediatrics, 2006, 117, e725-e732.	2.1	21
54	Meal skipping and variables related to energy balance in adults: A brief review, with emphasis on the breakfast meal. Physiology and Behavior, 2014, 134, 51-54.	2.1	21

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55	Energy and Nutrient Timing for Weight Control. <i>Endocrinology and Metabolism Clinics of North America</i> , 2016, 45, 689-718.	3.2	21
56	Eating Behavior and Weight Change in Healthy Postmenopausal Women: Results of a 4-Year Longitudinal Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 608-615.	3.6	19
57	Use of cereal fiber to facilitate adherence to a human caloric restriction program. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 513-520.	2.9	19
58	Estimated Nutrient Intakes from Food Generally Do Not Meet Dietary Reference Intakes among Adult Members of Pacific Northwest Tribal Nations. <i>Journal of Nutrition</i> , 2010, 140, 992-998.	2.9	18
59	Effects of Para-Aminobenzoic Acid (PABA) Form and Administration Mode on PABA Recovery in 24-Hour Urine Collections. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2014, 114, 457-463.	0.8	17
60	Reduction of energy intake using just-in-time feedback from a wearable sensor system. <i>Obesity</i> , 2017, 25, 676-681.	3.0	17
61	Simulated work performance tasks in persons with neuropathic and myopathic weakness. <i>Archives of Physical Medicine and Rehabilitation</i> , 2000, 81, 938-943.	0.9	16
62	A Comparative Study of Food Intake Detection Using Artificial Neural Network and Support Vector Machine. , 2013, , .		16
63	Development and Validation of an Objective, Passive Dietary Assessment Method for Estimating Food and Nutrient Intake in Households in Low- and Middle-Income Countries: A Study Protocol. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa020.	0.3	15
64	Can the Palatability of Healthy, Satiety-Promoting Foods Increase with Repeated Exposure during Weight Loss?. <i>Foods</i> , 2017, 6, 16.	4.3	14
65	Reproducibility assessment of brain responses to visual food stimuli in adults with overweight and obesity. <i>Obesity</i> , 2016, 24, 2057-2063.	3.0	13
66	Effects of Dietary Protein and Fiber at Breakfast on Appetite, ad Libitum Energy Intake at Lunch, and Neural Responses to Visual Food Stimuli in Overweight Adults. <i>Nutrients</i> , 2016, 8, 21.	4.1	12
67	The importance of field experiments in testing of sensors for dietary assessment and eating behavior monitoring. , 2018, 2018, 5759-5762.		12
68	Statistical models for meal-level estimation of mass and energy intake using features derived from video observation and a chewing sensor. <i>Scientific Reports</i> , 2019, 9, 45.	3.3	12
69	Effect of Body Composition Methodology on Heritability Estimation of Body Fatness. <i>The Open Nutrition Journal</i> , 2012, 6, 48-58.	0.6	12
70	Topiramate for weight reduction in duchenne muscular dystrophy. <i>Muscle and Nerve</i> , 2005, 31, 788-789.	2.2	10
71	Dietary patterns are associated with dietary recommendations but have limited relationship to BMI in the Communities Advancing the Studies of Tribal Nations Across the Lifespan (CoASTAL) cohort. <i>Public Health Nutrition</i> , 2012, 15, 1948-1958.	2.2	10
72	Weight Change During Lactation Does Not Alter the Concentrations of Chlorinated Organic Contaminants in Breast Milk of Women with Low Exposure. <i>Journal of Human Lactation</i> , 1999, 15, 307-315.	1.6	9

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73	CAM: Naturopathic dietary interventions for patients with Type 2 diabetes. <i>Complementary Therapies in Clinical Practice</i> , 2011, 17, 157-161.	1.7	8
74	Modifying Eating Behavior: Novel Approaches for Reducing Body Weight, Preventing Weight Regain, and Reducing Chronic Disease Risk. <i>Advances in Nutrition</i> , 2014, 5, 789-791.	6.4	8
75	Dietary Patterns among Vietnamese and Hispanic Immigrant Elementary School Children Participating in an After School Program. <i>Nutrients</i> , 2017, 9, 460.	4.1	8
76	Reproducibility of Dietary Intake Measurement From Diet Diaries, Photographic Food Records, and a Novel Sensor Method. <i>Frontiers in Nutrition</i> , 2020, 7, 99.	3.7	8
77	A Novel Approach to Dining Bowl Reconstruction for Image-Based Food Volume Estimation. <i>Sensors</i> , 2022, 22, 1493.	3.8	8
78	Aerobic Exercise During Lactation: Safe, Healthful, and Compatible. <i>Journal of Human Lactation</i> , 2000, 16, 95-98.	1.6	7
79	The Role of Diet and Exercise in Postpartum Weight Management. <i>Nutrition Today</i> , 2000, 35, 175-182.	1.0	5
80	Effects of Higher Dietary Protein and Fiber Intakes at Breakfast on Postprandial Glucose, Insulin, and 24-h Interstitial Glucose in Overweight Adults. <i>Nutrients</i> , 2017, 9, 352.	4.1	5
81	Food/Non-Food Classification of Real-Life Egocentric Images in Low- and Middle-Income Countries Based on Image Tagging Features. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 644712.	3.4	5
82	A Blended- Rather Than Whole-Lentil Meal with or without α -Galactosidase Mildly Increases Healthy Adults' Appetite but Not Their Glycemic Response. <i>Journal of Nutrition</i> , 2014, 144, 1963-1969.	2.9	4
83	Independent, additive effects of five dietary variables on <i>Ad Libitum</i> energy intake in a residential study. <i>Obesity</i> , 2014, 22, 2018-2025.	3.0	3
84	Egg Intake Has No Adverse Association With Blood Lipids Or Glucose In Adolescent Girls. <i>Journal of the American College of Nutrition</i> , 2019, 38, 119-124.	1.8	3
85	Methodology for Objective, Passive, Image- and Sensor-based Assessment of Dietary Intake, Meal-timing, and Food-related Activity in Ghana and Kenya (P13-028-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz036.P13-028-19.	0.3	2
86	A Church-based Culturally Sensitive Physical Activity Intervention in African American Women. <i>Western Journal of Nursing Research</i> , 2021, 43, 563-571.	1.4	2
87	A Case Study of Household Food-Related Assessment Using an Innovative Passive Dietary Assessment Device in Mampong-Akuapem, Ghana (FS17-03-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz035.FS17-03-19.	0.3	1
88	Feasibility of the automatic ingestion monitor (AIM-2) for infant feeding assessment: a pilot study among breast-feeding mothers from Ghana. <i>Public Health Nutrition</i> , 2022, 25, 2897-2907.	2.2	1