

# 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  | A Novel Approach to Dining Bowl Reconstruction for Image-Based Food Volume Estimation. <i>Sensors</i> , 2022, 22, 1493.   | 3.8 | 8         |
| 2  | 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         |
| 3  | 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         |
| 4  | 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         |
| 5  | 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         |
| 6  | 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        |
| 7  | 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         |
| 8  | 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         |
| 9  | Validation of Sensor-Based Food Intake Detection by Multicamera Video Observation in an Unconstrained Environment. <i>Nutrients</i> , 2019, 11, 609.  | 4.1 | 37        |
| 10 | A Systematic Review of Technology-Driven Methodologies for Estimation of Energy Intake. <i>IEEE Access</i> , 2019, 7, 49653-49668.  | 4.2 | 24        |
| 11 | 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. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2019, 119, 923-933.        | 0.8 | 46        |
| 12 | 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        |
| 13 | 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         |
| 14 | The importance of field experiments in testing of sensors for dietary assessment and eating behavior monitoring. , 2018, 2018, 5759-5762.   |     | 12        |
| 15 | Reduction of energy intake using just-in-time feedback from a wearable sensor system. <i>Obesity</i> , 2017, 25, 676-681.   | 3.0 | 17        |
| 16 | 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         |
| 17 | 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         |
| 18 | Can the Palatability of Healthy, Satiety-Promoting Foods Increase with Repeated Exposure during Weight Loss?. <i>Foods</i> , 2017, 6, 16.   | 4.3 | 14        |

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|----|--|-----|-----------|
| 19 | Meal Microstructure Characterization from Sensor-Based Food Intake Detection. <i>Frontiers in Nutrition</i> , 2017, 4, 31.   | 3.7 | 36        |
| 20 | Examining Plausibility of Self-Reported Energy Intake Data: Considerations for Method Selection. <i>Frontiers in Nutrition</i> , 2017, 4, 45.  | 3.7 | 104       |
| 21 | 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        |
| 22 | The Effects of Increased Protein Intake on Fullness: A Meta-Analysis and Its Limitations. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016, 116, 968-983.   | 0.8 | 44        |
| 23 | Energy and Nutrient Timing for Weight Control. <i>Endocrinology and Metabolism Clinics of North America</i> , 2016, 45, 689-718.   | 3.2 | 21        |
| 24 | 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        |
| 25 | 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         |
| 26 | A Blended- Rather Than Whole-Lentil Meal with or without $\alpha$ -Galactosidase Mildly Increases Healthy Adults' Appetite but Not Their Glycemic Response. <i>Journal of Nutrition</i> , 2014, 144, 1963-1969.  | 2.9 | 4         |
| 27 | Independent, additive effects of five dietary variables on <i>Ad Libitum</i> energy intake in a residential study. <i>Obesity</i> , 2014, 22, 1818-1825.   | 3.0 | 3         |
| 28 | Meal skipping and variables related to energy balance in adults: A brief review, with emphasis on the breakfast meal. <i>Physiology and Behavior</i> , 2014, 134, 51-54.   | 2.1 | 21        |
| 29 | 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        |
| 30 | A Comparative Study of Food Intake Detection Using Artificial Neural Network and Support Vector Machine. , 2013, , .   |     | 16        |
| 31 | 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        |
| 32 | Dietary (sensory) variety and energy balance. <i>Physiology and Behavior</i> , 2012, 107, 576-583.   | 2.1 | 59        |
| 33 | Effect of Body Composition Methodology on Heritability Estimation of Body Fatness. <i>The Open Nutrition Journal</i> , 2012, 6, 48-58.   | 0.6 | 12        |
| 34 | CAM: Naturopathic dietary interventions for patients with Type 2 diabetes. <i>Complementary Therapies in Clinical Practice</i> , 2011, 17, 157-161.  | 1.7 | 8         |
| 35 | Accuracy of Stated Energy Contents of Restaurant Foods. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 287-93.   | 7.4 | 51        |
| 36 | Effect of calorie restriction on the free-living physical activity levels of nonobese humans: results of three randomized trials. <i>Journal of Applied Physiology</i> , 2011, 110, 956-963.   | 2.5 | 63        |

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|----|---|-----|-----------|
| 37 | Effects of Eating Frequency, Snacking, and Breakfast Skipping on Energy Regulation: Symposium Overview. <i>Journal of Nutrition</i> , 2011, 141, 144-147.   | 2.9 | 76        |
| 38 | Eating Frequency and Energy Regulation in Free-Living Adults Consuming Self-Selected Diets. <i>Journal of Nutrition</i> , 2011, 141, 148-153.   | 2.9 | 64        |
| 39 | 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. <i>Journal of the American Dietetic Association</i> , 2010, 110, 65-73. | 1.1 | 30        |
| 40 | 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        |
| 41 | Pulse Consumption, Satiety, and Weight Management. <i>Advances in Nutrition</i> , 2010, 1, 17-30.   | 6.4 | 205       |
| 42 | 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       |
| 43 | Low or Moderate Dietary Energy Restriction for Long-term Weight Loss: What Works Best?. <i>Obesity</i> , 2009, 17, 2019-2024.   | 3.0 | 32        |
| 44 | 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        |
| 45 | 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       |
| 46 | A twin study of the effects of energy density and palatability on energy intake of individual foods. <i>Physiology and Behavior</i> , 2006, 87, 451-459.  | 2.1 | 30        |
| 47 | 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        |
| 48 | Comparison of Techniques to Evaluate Adiposity in Stunted and Nonstunted Children. <i>Pediatrics</i> , 2006, 117, e725-e732.  | 2.1 | 21        |
| 49 | Dairy Intake, Obesity, and Metabolic Health in Children and Adolescents: Knowledge and Gaps. <i>Nutrition Reviews</i> , 2005, 63, 71-80.  | 5.8 | 62        |
| 50 | Effect of Screening Out Implausible Energy Intake Reports on Relationships between Diet and BMI. <i>Obesity</i> , 2005, 13, 1205-1217.  | 4.0 | 245       |
| 51 | Dietary Fiber and Fat Are Associated with Excess Weight in Young and Middle-Aged US Adults. <i>Journal of the American Dietetic Association</i> , 2005, 105, 1365-1372.   | 1.1 | 100       |
| 52 | Topiramate for weight reduction in duchenne muscular dystrophy. <i>Muscle and Nerve</i> , 2005, 31, 788-789.  | 2.2 | 10        |
| 53 | Dietary Variety Predicts Low Body Mass Index and Inadequate Macronutrient and Micronutrient Intakes in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 613-621.       | 3.6 | 80        |
| 54 | Metabolic Syndrome in Neuromuscular Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 1030-1036.   | 0.9 | 60        |

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|----|--|-----|-----------|
| 55 | Energy Intake and Meal Portions: Associations with BMI Percentile in U.S. Children. <i>Obesity</i> , 2004, 12, 1875-1885.  | 4.0 | 175       |
| 56 | Energy Expenditure Is Very High in Extremely Obese Women. <i>Journal of Nutrition</i> , 2004, 134, 1412-1416.  | 2.9 | 49        |
| 57 | 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       |
| 58 | Relative influence of diet and physical activity on body composition in urban Chinese adults. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 1409-1416.   | 4.7 | 76        |
| 59 | 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       |
| 60 | 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. <i>Journal of Nutrition</i> , 2003, 133, 3141-3144.                                     | 2.9 | 70        |
| 61 | Dietary Pattern Is Associated with Homocysteine and B Vitamin Status in an Urban Chinese Population. <i>Journal of Nutrition</i> , 2003, 133, 3636-3642.   | 2.9 | 43        |
| 62 | The Influence of Dietary Composition on Energy Intake and Body Weight. <i>Journal of the American College of Nutrition</i> , 2002, 21, 140S-145S.  | 1.8 | 73        |
| 63 | Procedures for screening out inaccurate reports of dietary energy intake. <i>Public Health Nutrition</i> , 2002, 5, 873-882.   | 2.2 | 168       |
| 64 | 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       |
| 65 | Field Methods for Body Composition Assessment Are Valid in Healthy Chinese Adults. <i>Journal of Nutrition</i> , 2002, 132, 310-317.   | 2.9 | 35        |
| 66 | Meal palatability, substrate oxidation and blood glucose in young and older men. <i>Physiology and Behavior</i> , 2001, 72, 5-12.  | 2.1 | 36        |
| 67 | An Underfeeding Study in Healthy Men and Women Provides Further Evidence of Impaired Regulation of Energy Expenditure in Old Age. <i>Journal of Nutrition</i> , 2001, 131, 1833-1838.  | 2.9 | 42        |
| 68 | Response to high-intensity eccentric muscle contractions in persons with myopathic disease. <i>Muscle and Nerve</i> , 2001, 24, 1181-1187.   | 2.2 | 28        |
| 69 | Dietary Determinants of Energy Intake and Weight Regulation in Healthy Adults. <i>Journal of Nutrition</i> , 2000, 130, 276S-279S.   | 2.9 | 126       |
| 70 | The Role of Diet and Exercise in Postpartum Weight Management. <i>Nutrition Today</i> , 2000, 35, 175-182.   | 1.0 | 5         |
| 71 | 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       |
| 72 | Effects of a 6-Week Hypocaloric Diet on Changes in Body Composition, Hunger, and Subsequent Weight Regain in Healthy Young and Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2000, 55, B580-B587. | 3.6 | 69        |

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|----|--|------|-----------|
| 73 | Aerobic Exercise During Lactation: Safe, Healthful, and Compatible. <i>Journal of Human Lactation</i> , 2000, 16, 95-98.   | 1.6  | 7         |
| 74 | 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        |
| 75 | 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         |
| 76 | 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       |
| 77 | 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       |
| 78 | 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       |
| 79 | Nutritional Aspects of Neuromuscular Diseases. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 1998, 9, 127-143.  | 1.3  | 27        |
| 80 | 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       |
| 81 | Hand-held dynamometry reliability in persons with neuropathic weakness. <i>Archives of Physical Medicine and Rehabilitation</i> , 1997, 78, 1364-1368.   | 0.9  | 65        |
| 82 | Design of the Protocol. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1995, 74, S62-S69.   | 1.4  | 55        |
| 83 | Facioscapulohumeral Muscular Dystrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1995, 74, S131-S139.   | 1.4  | 110       |
| 84 | Effects of exercise on plasma lipids and metabolism of lactating women. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 2277-2281.  | 0.4  | 59        |
| 85 | 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       |
| 86 | 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       |
| 87 | 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       |
| 88 | Isometric and isokinetic measurement of hamstring and quadriceps strength. <i>Archives of Physical Medicine and Rehabilitation</i> , 1992, 73, 324-330.  | 0.9  | 51        |