

Andrew Brown

List of Publications by Year in Descending Order

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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.

88

papers

2,305

citations

21

h-index

47

g-index

98

ext. papers

2,823

ext. citations

6

avg, IF

5.15

L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 88 | Traffic Light Diets for Childhood Obesity: Disambiguation of Terms and Critical Review of Application, Food Categorization, and Strength of Evidence.. <i>Current Developments in Nutrition</i> , 2022 , 6, nzac006 | 0.4 | 1 |
| 87 | Evaluation of the type I error rate when using parametric bootstrap analysis of a cluster randomized controlled trial with binary outcomes and a small number of clusters.. <i>Computer Methods and Programs in Biomedicine</i> , 2022 , 215, 106654 | 6.9 | 0 |
| 86 | Letter to the editor regarding the article entitled School physical education-based reinforced program through moderate-to-vigorous physical activity improves and maintains school children's cardiorespiratory fitness: A cluster-randomized controlled trial. <i>Science and Sports</i> , 2022 , | 0.8 | |
| 85 | Errors in Analyses and Undisclosed Methods Render Meta-Analysis Irreproducible: A Second Comment on "Effects of Flaxseed Interventions on Circulating Inflammatory Biomarkers: A Systematic Review and Meta-Analysis of Randomized Controlled Trials".. <i>Advances in Nutrition</i> , 2022 , 13, 352-354 | 10 | |
| 84 | Intraclass correlation coefficients for weight loss cluster randomized trials in primary care: The PROPEL trial.. <i>Clinical Obesity</i> , 2022 , e12524 | 3.6 | 0 |
| 83 | Science dialogue mapping of knowledge and knowledge gaps related to the effects of dairy intake on human cardiovascular health and disease. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 179-195 | 11.5 | 2 |
| 82 | Toward more rigorous and informative nutritional epidemiology: The rational space between dismissal and defense of the status quo. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-18 | 11.5 | 5 |
| 81 | Calculation and data errors require correcting. Comment on "The effect of green coffee extract supplementation on anthropometric measures in adults: A comprehensive systematic review and dose-response meta-analysis of randomized clinical trials". <i>Complementary Therapies in Medicine</i> , 2021 , 58, 102685 | 3.5 | |
| 80 | Evidence of misuse of nonparametric tests in the presence of heteroscedasticity within obesity research.. <i>F1000Research</i> , 2021 , 10, 391 | 3.6 | |
| 79 | University of Alabama at Birmingham Nathan Shock Center: comparative energetics of aging. <i>GeroScience</i> , 2021 , 43, 2149-2160 | 8.9 | 0 |
| 78 | Double-counting of effect sizes and inappropriate exclusion of studies in "The influence of vitamin D supplementation on IGF-1 levels in humans: A systematic review and meta-analysis". <i>Ageing Research Reviews</i> , 2021 , 66, 101236 | 12 | |
| 77 | Persistent confusion in nutrition and obesity research about the validity of classic nonparametric tests in the presence of heteroscedasticity: evidence of the problem and valid alternatives. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 517-524 | 7 | 2 |
| 76 | Errors in the implementation, analysis, and reporting of randomization within obesity and nutrition research: a guide to their avoidance. <i>International Journal of Obesity</i> , 2021 , 45, 2335-2346 | 5.5 | 1 |
| 75 | Spin in the abstracts of systematic reviews and meta-analyses: How big is the problem in obesity?. <i>Obesity</i> , 2021 , 29, 1244-1245 | 8 | |
| 74 | Within-group comparisons led to unsubstantiated conclusions in "Low-phytate wholegrain bread instead of high-phytate wholegrain bread in a total diet context did not improve iron status of healthy Swedish females: a 12-week, randomized, parallel-design intervention Study". <i>European Journal of Nutrition</i> , 2020 , 59, 2812-2814 | 5.2 | 1 |
| 73 | Murine genetic models of obesity: type I error rates and the power of commonly used analyses as assessed by plasmode-based simulation. <i>International Journal of Obesity</i> , 2020 , 44, 1440-1449 | 5.5 | 2 |
| 72 | Incorrect design and analysis render conclusion unsubstantiated: comment on "A digital movement in the world of inactive children: favourable outcomes of playing active video games in a pilot randomized trial". <i>European Journal of Pediatrics</i> , 2020 , 179, 1487-1488 | 4.1 | 2 |

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| 71 | Incorrect Analyses of Cluster-Randomized Trials that Do Not Take Clustering and Nesting into Account Likely Lead to -Values that Are Too Small. <i>Childhood Obesity</i> , 2020 , 16, 65-66 | 2.5 | 5 |
| 70 | Data anomalies and apparent reporting errors in 'Randomized controlled trial testing weight loss and abdominal obesity outcomes of moxibustion'. <i>BioMedical Engineering OnLine</i> , 2020 , 19, 11 | 4.1 | 2 |
| 69 | Errors or Irreproducibility in Effect Size Calculations and Incomplete Reporting of Results in "Systematic Review of the Effects of Blueberry on Cognitive Performance as We Age". <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, e24-e26 | 6.4 | 0 |
| 68 | Eating versus skipping breakfast has no discernible effect on obesity-related anthropometric outcomes: a systematic review and meta-analysis.. <i>F1000Research</i> , 2020 , 9, 140 | 3.6 | |
| 67 | Improving open and rigorous science: ten key future research opportunities related to rigor, reproducibility, and transparency in scientific research. <i>F1000Research</i> , 2020 , 9, 1235 | 3.6 | 1 |
| 66 | Dropout rates of in-person psychosocial substance use disorder treatments: a systematic review and meta-analysis. <i>Addiction</i> , 2020 , 115, 201-217 | 4.6 | 59 |
| 65 | Questions on 'Intervention effects of a kindergarten-based health promotion programme on obesity related behavioural outcomes and BMI percentiles'. <i>Preventive Medicine Reports</i> , 2020 , 17, 101022 | 2.6 | 2 |
| 64 | Contrary to the Conclusions Stated in the Paper, Only Dry Fat-Free Mass Was Different between Groups upon Reanalysis. Comment on: "Intermittent Energy Restriction Attenuates the Loss of Fat-Free Mass in Resistance Trained Individuals. A Randomized Controlled Trial". <i>Journal of</i> | 2.4 | 2 |
| 63 | Comparisons of Within-Group Instead of Between-Group Affect the Conclusions. Comment on: "Changes in Weight and Substrate Oxidation in Overweight Adults Following Isomaltulose Intake during a 12-Week Weight Loss Intervention: A Randomized, Double-Blind, Controlled Trial". 2019, (10) 2367. <i>Nutrients</i> , 2020 , 12, | 6.7 | 2 |
| 62 | Overstated Claims of Efficacy and Safety. Comment On: "Optimal Nutritional Status for a Well-Functioning Immune System Is an Important Factor to Protect Against Viral Infections". 2020, , 1181. <i>Nutrients</i> , 2020 , 12, | 6.7 | 4 |
| 61 | Exceptional Reported Effects and Data Anomalies Merit Explanation from "A randomized controlled trial of coordination exercise on cognitive function in obese adolescents" by. <i>Psychology of Sport and Exercise</i> , 2020 , 46, | 4.2 | 2 |
| 60 | Does exclusion of extreme reporters of energy intake (the "Goldberg cutoffs") reliably reduce or eliminate bias in nutrition studies? Analysis with illustrative associations of energy intake with health outcomes. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1231-1239 | 7 | 6 |
| 59 | The Implementation of Randomization Requires Corrected Analyses. Comment on "Comprehensive Nutritional and Dietary Intervention for Autism Spectrum Disorder: A Randomized, Controlled 12-Month Trial, <i>Nutrients</i> 2018, , 369" <i>Nutrients</i> , 2019 , 11, | 6.7 | 2 |
| 58 | Differences in Nominal Significance (DINS) Error leads to invalid conclusions: Letter regarding, "Diet enriched with fresh coconut decreases blood glucose levels and body weight in normal adults". <i>Journal of Complementary and Integrative Medicine</i> , 2019 , 16, | 1.5 | 3 |
| 57 | Science Dialogue Mapping of Knowledge and Knowledge Gaps Related to the Effects of Dairy Intake on Human Cardiovascular Disease (P13-002-19). <i>Current Developments in Nutrition</i> , 2019 , 3, | 0.4 | 2 |
| 56 | Conditioning on "study" is essential for valid inference when combining individual data from multiple randomized controlled trials: a comment on Reesor et al's School-based weight management program curbs summer weight gain among low-income Hispanic middle school | 2.1 | 1 |
| 55 | Change in study randomization allocation needs to be included in statistical analysis: comment on 'Randomized controlled trial of weight loss versus usual care on telomere length in women with breast cancer: the lifestyle, exercise, and nutrition (LEAN) study'. <i>Breast Cancer Research and Treatment</i> , 2019 , 175, 263-264 | 4.4 | 1 |
| 54 | Incorrect analyses were used in "Different enteral nutrition formulas have no effect on glucose homeostasis but on diet-induced thermogenesis in critically ill medical patients: a randomized controlled trial" and corrected analyses are requested. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 152-153 | 5.2 | 2 |

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| 53 | Spin in the abstract in "Impact of motivational interviewing on outcomes of an adolescent obesity treatment: Results from the MI Values randomized controlled pilot trial". <i>Clinical Obesity</i> , 2019 , 9, e12332 ^{3,6} | | |
| 52 | Childhood obesity intervention studies: A narrative review and guide for investigators, authors, editors, reviewers, journalists, and readers to guard against exaggerated effectiveness claims. <i>Obesity Reviews</i> , 2019 , 20, 1523-1541 | 10.6 | 17 |
| 51 | Re: "Annurca Apple Nutraceutical Formulation Enhances Keratin Expression in a Human Model of Skin and Promotes Hair Growth and Tropism in a Randomized Clinical Trial" by Tenore (2018;21:90-103). <i>Journal of Medicinal Food</i> , 2019 , 22, 1301-1302 | 2.8 | 2 |
| 50 | A Comment on Scherr et al "A Multicomponent, School-Based Intervention, the Shaping Healthy Choices Program, Improves Nutrition-Related Outcomes". <i>Journal of Nutrition Education and Behavior</i> , 2018 , 50, 324-325 | 2 | 5 |
| 49 | Issues with data and analyses: Errors, underlying themes, and potential solutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2563-2570 | 11.5 | 58 |
| 48 | Why diets fail: eating more, moving less. <i>Postgraduate Medical Journal</i> , 2018 , 94, 67 | 2 | |
| 47 | The stated conclusions are contradicted by the data, based on inappropriate statistics, and should be corrected: comment on 'intervention for childhood obesity based on parents only or parents and child compared with follow-up alone'. <i>Pediatric Obesity</i> , 2018 , 13, 656-657 | 4.6 | 3 |
| 46 | Reducing Calories to Lose Weight. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 2336-2337 | 3.7 | 6 |
| 45 | Randomization to randomization probability: Estimating treatment effects under actual conditions of use. <i>Psychological Methods</i> , 2018 , 23, 337-350 | 7.1 | 6 |
| 44 | Letter to the Editor And response Letter to the Editor and Author Response of Assessment of a Health Promotion Model on Obese Turkish Children. <i>The Journal of Nursing Research</i> , 25(6), 436-446. <i>The Journal of Nursing Research: JNR</i> , 2018 , 26, 373-374 | 2.3 | 2 |
| 43 | Critical Evaluation of Nutrition Research 2017 , 103-116 | | 1 |
| 42 | Analysis of the time and workers needed to conduct systematic reviews of medical interventions using data from the PROSPERO registry. <i>BMJ Open</i> , 2017 , 7, e012545 | 3 | 179 |
| 41 | Publication Bias in Science 2017 , | | 3 |
| 40 | The importance of prediction model validation and assessment in obesity and nutrition research. <i>International Journal of Obesity</i> , 2016 , 40, 887-94 | 5.5 | 41 |
| 39 | Addendum: hypercaloric diets with high meal frequency, but not increased meal size, increase intrahepatic triglycerides: A randomized controlled trial. <i>Hepatology</i> , 2016 , 64, 1814-1816 | 11.2 | 2 |
| 38 | Unsubstantiated conclusions from improper statistical design and analysis of a randomized controlled trial. <i>International Journal of Yoga</i> , 2016 , 9, 87-8 | 1.6 | 3 |
| 37 | Reproducibility: A tragedy of errors. <i>Nature</i> , 2016 , 530, 27-9 | 50.4 | 125 |
| 36 | We Agree That Self-Reported Energy Intake Should Not Be Used as a Basis for Conclusions about Energy Intake in Scientific Research. <i>Journal of Nutrition</i> , 2016 , 146, 1141-2 | 4.1 | 4 |

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| 35 | Common scientific and statistical errors in obesity research. <i>Obesity</i> , 2016 , 24, 781-90 | 8 | 62 |
| 34 | Letter to the Editor: Exceptional Data in Paper on "The effect of meridian massage on BM, BMI, WC and HC in simple obesity patients: a randomized controlled trial". <i>World Journal of Acupuncture-moxibustion</i> , 2015 , 25, 66-67 | 0.7 | 5 |
| 33 | Response to 'Energy balance measurement: when something is not better than nothing'. <i>International Journal of Obesity</i> , 2015 , 39, 1175-6 | 5.5 | 13 |
| 32 | Best (but oft-forgotten) practices: designing, analyzing, and reporting cluster randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 241-8 | 7 | 37 |
| 31 | Communication of randomized controlled trial results must match the study focus. <i>Journal of Nutrition</i> , 2015 , 145, 1027-9 | 4.1 | 2 |
| 30 | Energy balance measurement: when something is not better than nothing. <i>International Journal of Obesity</i> , 2015 , 39, 1109-13 | 5.5 | 338 |
| 29 | Weighing the Evidence of Common Beliefs in Obesity Research. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 2014-53 | 11.5 | 119 |
| 28 | Double sampling with multiple imputation to answer large sample meta-research questions: introduction and illustration by evaluating adherence to two simple CONSORT guidelines. <i>Frontiers in Nutrition</i> , 2015 , 2, 6 | 6.2 | 3 |
| 27 | Goals in Nutrition Science 2015-2020. <i>Frontiers in Nutrition</i> , 2015 , 2, 26 | 6.2 | 20 |
| 26 | Comment on "Intervention Effects of a School-Based Health Promotion Programme on Obesity Related Behavioural Outcomes". <i>Journal of Obesity</i> , 2015 , 2015, 708181 | 3.7 | 6 |
| 25 | High Intensity Interval- vs Moderate Intensity- Training for Improving Cardiometabolic Health in Overweight or Obese Males: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2015 , 10, e0138853 | 3.7 | 129 |
| 24 | Taurine and vitamin E supplementations have minimal effects on body composition, hepatic lipids, and blood hormone and metabolite concentrations in healthy Sprague Dawley rats. <i>Nutrition and Dietary Supplements</i> , 2015 , 7, 77-85 | 1.2 | 2 |
| 23 | Comment on "School-Based Obesity Prevention Intervention in Chilean Children: Effective in Controlling, but not Reducing Obesity". <i>Journal of Obesity</i> , 2015 , 2015, 183528 | 3.7 | 6 |
| 22 | Linear Extrapolation Results in Erroneous Overestimation of Plausible Stressor-Related Yearly Weight Changes. <i>Biological Psychiatry</i> , 2015 , 78, e10-1 | 7.9 | 6 |
| 21 | Concerning Sichieri R, Cunha DB: <i>Obes Facts</i> 2014;7:221-232. The Assertion that Controlling for Baseline (Pre-Randomization) Covariates in Randomized Controlled Trials Leads to Bias is False. <i>Obesity Facts</i> , 2015 , 8, 127-9 | 5.1 | 4 |
| 20 | Errors in statistical analysis and questionable randomization lead to unreliable conclusions 2015 , 6, 153-154 | | 8 |
| 19 | Signaling Regulates Activity of DHCR24, the Final Enzyme in Cholesterol Synthesis. <i>FASEB Journal</i> , 2015 , 29, 568.7 | 0.9 | |
| 18 | Reply to RA Mekary and E Giovannucci. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 213 | 7 | 1 |

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| 17 | Unscientific beliefs about scientific topics in nutrition. <i>Advances in Nutrition</i> , 2014 , 5, 563-5 | 10 | 29 |
| 16 | Increased fruit and vegetable intake has no discernible effect on weight loss: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 567-76 | 7 | 99 |
| 15 | Order of magnitude misestimation of weight effects of children's meal policy proposals. <i>Childhood Obesity</i> , 2014 , 10, 542-4 | 2.5 | 5 |
| 14 | An unjustified conclusion from self-report-based estimates of energy intake. <i>American Journal of Medicine</i> , 2014 , 127, e33 | 2.4 | 3 |
| 13 | Using crowdsourcing to evaluate published scientific literature: methods and example. <i>PLoS ONE</i> , 2014 , 9, e100647 | 3.7 | 30 |
| 12 | Diet-induced alterations of host cholesterol metabolism are likely to affect the gut microbiota composition in hamsters. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 516-24 | 4.8 | 135 |
| 11 | Myths, presumptions, and facts about obesity. <i>New England Journal of Medicine</i> , 2013 , 368, 446-54 | 59.2 | 329 |
| 10 | Belief beyond the evidence: using the proposed effect of breakfast on obesity to show 2 practices that distort scientific evidence. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 1298-308 | 7 | 117 |
| 9 | Unintended consequences of obesity-targeted health policy. <i>AMA Journal of Ethics</i> , 2013 , 15, 339-46 | 1.4 | 13 |
| 8 | Sound advice or biased reporting? Breakfast as a strategy to reduce or prevent obesity or weight gain. <i>FASEB Journal</i> , 2013 , 27, 124.3 | 0.9 | |
| 7 | Diets high in conjugated linoleic acid from pasture-fed cattle did not alter markers of health in young women. <i>Nutrition Research</i> , 2011 , 31, 33-41 | 4 | 26 |
| 6 | Short-term consumption of sucralose, a nonnutritive sweetener, is similar to water with regard to select markers of hunger signaling and short-term glucose homeostasis in women. <i>Nutrition Research</i> , 2011 , 31, 882-8 | 4 | 67 |
| 5 | Phytosterol ester constituents affect micellar cholesterol solubility in model bile. <i>Lipids</i> , 2010 , 45, 855-62 | 6.6 | 43 |
| 4 | Plant sterol and stanol substrate specificity of pancreatic cholesterol esterase. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 736-40 | 6.3 | 35 |
| 3 | Endocannabinoids, metabolic regulation, and the role of diet. <i>Nutrition Research</i> , 2008 , 28, 641-50 | 4 | 26 |
| 2 | Eating versus skipping breakfast has no discernible effect on obesity-related anthropometric outcomes: a systematic review and meta-analysis. <i>F1000Research</i> , 9 , 140 | 3.6 | 0 |
| 1 | Eating versus skipping breakfast has no discernible effect on obesity-related anthropometric outcomes: a systematic review and meta-analysis. <i>F1000Research</i> , 9 , 140 | 3.6 | |