

Andrew Brown

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.

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	Energy balance measurement: when something is not better than nothing. <i>International Journal of Obesity</i> , 2015 , 39, 1109-13	5.5	338
87	Myths, presumptions, and facts about obesity. <i>New England Journal of Medicine</i> , 2013 , 368, 446-54	59.2	329
86	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
85	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
84	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
83	Reproducibility: A tragedy of errors. <i>Nature</i> , 2016 , 530, 27-9	50.4	125
82	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
81	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
80	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
79	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
78	Common scientific and statistical errors in obesity research. <i>Obesity</i> , 2016 , 24, 781-90	8	62
77	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
76	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
75	Phytosterol ester constituents affect micellar cholesterol solubility in model bile. <i>Lipids</i> , 2010 , 45, 855-62	6.6	43
74	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
73	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
72	Plant sterol and stanol substrate specificity of pancreatic cholesterol esterase. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 736-40	6.3	35

71	Using crowdsourcing to evaluate published scientific literature: methods and example. <i>PLoS ONE</i> , 2014 , 9, e100647	3.7	30
70	Unscientific beliefs about scientific topics in nutrition. <i>Advances in Nutrition</i> , 2014 , 5, 563-5	10	29
69	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
68	Endocannabinoids, metabolic regulation, and the role of diet. <i>Nutrition Research</i> , 2008 , 28, 641-50	4	26
67	Goals in Nutrition Science 2015-2020. <i>Frontiers in Nutrition</i> , 2015 , 2, 26	6.2	20
66	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
65	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
64	Unintended consequences of obesity-targeted health policy. <i>AMA Journal of Ethics</i> , 2013 , 15, 339-46	1.4	13
63	Errors in statistical analysis and questionable randomization lead to unreliable conclusions 2015 , 6, 153-154		8
62	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
61	Reducing Calories to Lose Weight. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 2336-2337	3.4	6
60	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
59	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
58	Linear Extrapolation Results in Erroneous Overestimation of Plausible Stressor-Related Yearly Weight Changes. <i>Biological Psychiatry</i> , 2015 , 78, e10-1	7.9	6
57	Randomization to randomization probability: Estimating treatment effects under actual conditions of use. <i>Psychological Methods</i> , 2018 , 23, 337-350	7.1	6
56	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
55	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
54	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

53	Order of magnitude misestimation of weight effects of children's meal policy proposals. <i>Childhood Obesity</i> , 2014 , 10, 542-4	2.5	5
52	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
51	Concerning Sichieri R, Cunha DB: Obes Facts 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
50	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
49	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
48	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
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	Publication Bias in Science 2017 ,		3
45	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
44	An unjustified conclusion from self-report-based estimates of energy intake. <i>American Journal of Medicine</i> , 2014 , 127, e33	2.4	3
43	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
42	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
41	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
40	Communication of randomized controlled trial results must match the study focus. <i>Journal of Nutrition</i> , 2015 , 145, 1027-9	4.1	2
39	Murine genetic models of obesity: type I error rates and the power of commonly used analyses as assessed by plasmid-based simulation. <i>International Journal of Obesity</i> , 2020 , 44, 1440-1449	5.5	2
38	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
37	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
36	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

35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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
25	Critical Evaluation of Nutrition Research 2017 , 103-116		1
24	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
23	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
22	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, 2813-2814	5.2	1
21	Reply to RA Mekary and E Giovannucci. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 213	7	1
20	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
19	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
18	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

17	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	o
16	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	o
15	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	o
14	University of Alabama at Birmingham Nathan Shock Center: comparative energetics of aging. <i>GeroScience</i> , 2021 , 43, 2149-2160	8.9	o
13	Intraclass correlation coefficients for weight loss cluster randomized trials in primary care: The PROPEL trial.. <i>Clinical Obesity</i> , 2022 , e12524	3.6	o
12	Why diets fail: eating more, moving less. <i>Postgraduate Medical Journal</i> , 2018 , 94, 67	2	
11	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	
10	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	
9	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	
8	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	
7	Signaling Regulates Activity of DHCR24, the Final Enzyme in Cholesterol Synthesis. <i>FASEB Journal</i> , 2015 , 29, 568.7	0.9	
6	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	
5	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	
4	Evidence of misuse of nonparametric tests in the presence of heteroscedasticity within obesity research.. <i>F1000Research</i> , 2021 , 10, 391	3.6	
3	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	
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	
1	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	