

# Mark E Hopkins

## 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.

51  
papers

1,606  
citations

21  
h-index

40  
g-index

55  
ext. papers

1,937  
ext. citations

4.7  
avg, IF

4.88  
L-index

#	Paper	IF	Citations
51	Metabolic and behavioral compensatory responses to exercise interventions: barriers to weight loss. <i>Obesity</i> , <b>2007</b> , 15, 1373-83	8	214
50	Dual-process action of exercise on appetite control: increase in orexigenic drive but improvement in meal-induced satiety. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 921-7	7	139
49	Body composition and appetite: fat-free mass (but not fat mass or BMI) is positively associated with self-determined meal size and daily energy intake in humans. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 445-9	3.6	126
48	Role of resting metabolic rate and energy expenditure in hunger and appetite control: a new formulation. <i>DMM Disease Models and Mechanisms</i> , <b>2012</b> , 5, 608-13	4.1	116
47	Resting metabolic rate is associated with hunger, self-determined meal size, and daily energy intake and may represent a marker for appetite. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 7-14	7	95
46	Energy balance, body composition, sedentariness and appetite regulation: pathways to obesity. <i>Clinical Science</i> , <b>2016</b> , 130, 1615-28	6.5	94
45	Does Habitual Physical Activity Increase the Sensitivity of the Appetite Control System? A Systematic Review. <i>Sports Medicine</i> , <b>2016</b> , 46, 1897-1919	10.6	86
44	Individual variability in compensatory eating following acute exercise in overweight and obese women. <i>British Journal of Sports Medicine</i> , <b>2014</b> , 48, 1472-6	10.3	58
43	Acute and long-term effects of exercise on appetite control: is there any benefit for weight control?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2010</b> , 13, 635-40	3.8	56
42	Low fat loss response after medium-term supervised exercise in obese is associated with exercise-induced increase in food reward. <i>Journal of Obesity</i> , <b>2011</b> , 2011,	3.7	53
41	No sex difference in body fat in response to supervised and measured exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 351-8	1.2	49
40	Homeostatic and non-homeostatic appetite control along the spectrum of physical activity levels: An updated perspective. <i>Physiology and Behavior</i> , <b>2018</b> , 192, 23-29	3.5	47
39	Exercise alone is not enough: weight loss also needs a healthy (Mediterranean) diet?. <i>Public Health Nutrition</i> , <b>2009</b> , 12, 1663-6	3.3	43
38	Issues in Measuring and Interpreting Human Appetite (Satiety/Satiation) and Its Contribution to Obesity. <i>Current Obesity Reports</i> , <b>2019</b> , 8, 77-87	8.4	41
37	The relationship between substrate metabolism, exercise and appetite control: does glycogen availability influence the motivation to eat, energy intake or food choice?. <i>Sports Medicine</i> , <b>2011</b> , 41, 507-21	10.6	37
36	Impact of physical activity level and dietary fat content on passive overconsumption of energy in non-obese adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2017</b> , 14, 14	8.4	32
35	The influence of physical activity on appetite control: an experimental system to understand the relationship between exercise-induced energy expenditure and energy intake. <i>Proceedings of the Nutrition Society</i> , <b>2011</b> , 70, 171-80	2.9	32

34	High Habitual Physical Activity Improves Acute Energy Compensation in Nonobese Adults. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 2268-2275	1.2	27
33	The drive to eat in homo sapiens: Energy expenditure drives energy intake. <i>Physiology and Behavior</i> , <b>2020</b> , 219, 112846	3.5	26
32	Biological and psychological mediators of the relationships between fat mass, fat-free mass and energy intake. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 233-242	5.5	24
31	Matched Weight Loss Through Intermittent or Continuous Energy Restriction Does Not Lead To Compensatory Increases in Appetite and Eating Behavior in a Randomized Controlled Trial in Women with Overweight and Obesity. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 623-633	4.1	21
30	Measuring food preference and reward: Application and cross-cultural adaptation of the Leeds Food Preference Questionnaire in human experimental research. <i>Food Quality and Preference</i> , <b>2020</b> , 80, 103824	5.8	21
29	Accumulating Data to Optimally Predict Obesity Treatment (ADOPT): Recommendations from the Biological Domain. <i>Obesity</i> , <b>2018</b> , 26 Suppl 2, S25-S34	8	19
28	Differing effects of high-fat or high-carbohydrate meals on food hedonics in overweight and obese individuals. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 1875-84	3.6	19
27	Activity energy expenditure is an independent predictor of energy intake in humans. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 1466-1474	5.5	18
26	Fasting Leptin Is a Metabolic Determinant of Food Reward in Overweight and Obese Individuals during Chronic Aerobic Exercise Training. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 323728	2.7	16
25	Associations between the proportion of fat-free mass loss during weight loss, changes in appetite, and subsequent weight change: results from a randomized 2-stage dietary intervention trial. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 536-544	7	14
24	Metabolic adaptations during negative energy balance and their potential impact on appetite and food intake. <i>Proceedings of the Nutrition Society</i> , <b>2019</b> , 78, 279-289	2.9	14
23	Improving energy expenditure estimates from wearable devices: A machine learning approach. <i>Journal of Sports Sciences</i> , <b>2020</b> , 38, 1496-1505	3.6	13
22	Mechanisms responsible for homeostatic appetite control: theoretical advances and practical implications. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2017</b> , 12, 401-415	4.1	12
21	Exercise Training Reduces Reward for High-Fat Food in Adults with Overweight/Obesity. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 900-908	1.2	11
20	Biomarkers of appetite: is there a potential role for metabolomics?. <i>Nutrition Research Reviews</i> , <b>2020</b> , 33, 271-286	7	6
19	Energy Metabolism and Appetite Control <b>2017</b> , 259-276		4
18	Effects of Acute Eccentric Exercise on Appetite-Related Hormones and Food Preferences in Men. <i>American Journal of Men's Health</i> , <b>2019</b> , 13, 1557988319861587	2.2	3
17	The "drive to eat" hypothesis: energy expenditure and fat-free mass but not adiposity are associated with milk intake and energy intake in 12 week infants. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 505-514	7	3

16	An exploratory investigation of the impact of fast and feed days during intermittent energy restriction on free-living energy balance behaviours and subjective states in women with overweight/obesity. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> , 75, 430-437	5.2	3
15	An acute bout of cycling does not induce compensatory responses in pre-menopausal women not using hormonal contraceptives. <i>Appetite</i> , <b>2018</b> , 128, 87-94	4.5	3
14	Salivary lubricity (ex vivo) enhances upon moderate exercise: A pilot study. <i>Archives of Oral Biology</i> , <b>2020</b> , 116, 104743	2.8	2
13	Does adaptive thermogenesis occur after weight loss in adults? A systematic review. <i>British Journal of Nutrition</i> , <b>2021</b> , 1-19	3.6	2
12	Food Liking but Not Wanting Decreases after Controlled Intermittent or Continuous Energy Restriction to 5% Weight Loss in Women with Overweight/Obesity. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
11	Biopsychology of human appetite [Understanding the excitatory and inhibitory mechanisms of homeostatic control. <i>Current Opinion in Physiology</i> , <b>2019</b> , 12, 33-38	2.6	1
10	The Interaction Between Exercise, Appetite, and Food Intake: Implications for Weight Control. <i>American Journal of Lifestyle Medicine</i> , <b>2013</b> , 7, 265-273	1.9	1
9	Exercise, Appetite Control, and Body Weight Regulation <b>2015</b> , 123-136		1
8	Identification of psychological correlates of dietary misreporting under laboratory and free-living environments. <i>British Journal of Nutrition</i> , <b>2021</b> , 126, 264-275	3.6	1
7	Body Fatness Influences Associations of Body Composition and Energy Expenditure with Energy Intake in Healthy Women. <i>Obesity</i> , <b>2021</b> , 29, 125-132	8	1
6	Psychobiology of Appetite and Food Reward in Adults with Type 1 and Type 2 Diabetes: Is there a Role for Exercise?. <i>Canadian Journal of Diabetes</i> , <b>2020</b> , 44, 768-774	2.1	0
5	Comparison of the Validity and Generalizability of Machine Learning Algorithms for the Prediction of Energy Expenditure: Validation Study. <i>JMIR MHealth and UHealth</i> , <b>2021</b> , 9, e23938	5.5	0
4	Increases in physical activity are associated with a faster rate of weight loss during dietary energy restriction in women with overweight and obesity.. <i>British Journal of Nutrition</i> , <b>2022</b> , 1-28	3.6	0
3	Does Hepatic Carbohydrate Availability Influence Postexercise Compensation in Energy Intake?. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 1305-1306	4.1	
2	Weight management in adults <b>2017</b> , 139-259		
1	Associations between high-metabolic rate organ masses and fasting hunger: A study using whole-body magnetic resonance imaging in healthy males.. <i>Physiology and Behavior</i> , <b>2022</b> , 250, 113796	3.5	