

Monica M Mars

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.

83 papers	2,849 citations	31 h-index	51 g-index
114 ext. papers	3,281 ext. citations	4.9 avg, IF	5.19 L-index

#	Paper	IF	Citations
83	Effects of dietary fibre on subjective appetite, energy intake and body weight: a systematic review of randomized controlled trials. <i>Obesity Reviews</i> , 2011 , 12, 724-39	10.6	281
82	The effect of viscosity on ad libitum food intake. <i>International Journal of Obesity</i> , 2008 , 32, 676-83	5.5	182
81	Effect of bite size and oral processing time of a semisolid food on satiation. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 269-75	7	180
80	Gastrointestinal targets of appetite regulation in humans. <i>Obesity Reviews</i> , 2010 , 11, 234-50	10.6	111
79	The effects of food viscosity on bite size, bite effort and food intake. <i>Physiology and Behavior</i> , 2008 , 95, 527-32	3.5	105
78	Texture, not flavor, determines expected satiation of dairy products. <i>Appetite</i> , 2011 , 57, 635-41	4.5	104
77	Magnesium, calcium, potassium, and sodium intakes and risk of stroke in male smokers. <i>Archives of Internal Medicine</i> , 2008 , 168, 459-65		96
76	Protein status elicits compensatory changes in food intake and food preferences. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 32-8	7	88
75	Measuring food reward and the transfer effect of sensory specific satiety. <i>Appetite</i> , 2010 , 55, 648-55	4.5	84
74	Genetic variation in the leptin receptor gene, leptin, and weight gain in young Dutch adults. <i>Obesity</i> , 2003 , 11, 377-86		78
73	Effect of viscosity on appetite and gastro-intestinal hormones. <i>Physiology and Behavior</i> , 2009 , 97, 68-75	3.5	67
72	Effect of viscosity on learned satiation. <i>Physiology and Behavior</i> , 2009 , 98, 60-6	3.5	62
71	Sweet preferences and sugar consumption of 4- and 5-year-old children: role of parents. <i>Appetite</i> , 2004 , 43, 235-45	4.5	56
70	The effect of texture differences on satiation in 3 pairs of solid foods. <i>Appetite</i> , 2010 , 55, 490-7	4.5	52
69	Empty calories and phantom fullness: a randomized trial studying the relative effects of energy density and viscosity on gastric emptying determined by MRI and satiety. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 73-80	7	51
68	The effects of bulking, viscous and gel-forming dietary fibres on satiation. <i>British Journal of Nutrition</i> , 2013 , 109, 1330-7	3.6	48
67	Ultra-Processing or Oral Processing? A Role for Energy Density and Eating Rate in Moderating Energy Intake from Processed Foods. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa019	0.4	47

66	Dark chocolate consumption improves leukocyte adhesion factors and vascular function in overweight men. <i>FASEB Journal</i> , 2014 , 28, 1464-73	0.9	46
65	Effects of oral and gastric stimulation on appetite and energy intake. <i>Obesity</i> , 2012 , 20, 2226-32	8	45
64	Intake during repeated exposure to low- and high-energy-dense yogurts by different means of consumption. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 841-7	7	45
63	Fasting leptin and appetite responses induced by a 4-day 65%-energy-restricted diet. <i>International Journal of Obesity</i> , 2006 , 30, 122-8	5.5	45
62	Use of satiety peptides in assessing the satiating capacity of foods. <i>Physiology and Behavior</i> , 2012 , 105, 483-8	3.5	41
61	The effect of within-meal protein content and taste on subsequent food choice and satiety. <i>British Journal of Nutrition</i> , 2011 , 106, 779-88	3.6	40
60	A Novel Chewing Detection System Based on PPG, Audio, and Accelerometry. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017 , 21, 607-618	7.2	39
59	The relationship between taste and nutrient content in commercially available foods from the United States. <i>Food Quality and Preference</i> , 2017 , 57, 1-7	5.8	38
58	Exploring the effects of galacto-oligosaccharides on the gut microbiota of healthy adults receiving amoxicillin treatment. <i>British Journal of Nutrition</i> , 2014 , 112, 536-46	3.6	38
57	Consistency of sensory testing with 4- and 5-year-old children. <i>Food Quality and Preference</i> , 2004 , 15, 541-548	5.8	38
56	Comparison of oro-sensory exposure duration and intensity manipulations on satiation. <i>Physiology and Behavior</i> , 2017 , 176, 76-83	3.5	37
55	Decreases in fasting leptin and insulin concentrations after acute energy restriction and subsequent compensation in food intake. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 570-7	7	37
54	Taste matters - effects of bypassing oral stimulation on hormone and appetite responses. <i>Physiology and Behavior</i> , 2014 , 137, 9-17	3.5	33
53	Satiety and energy intake after single and repeated exposure to gel-forming dietary fiber: post-ingestive effects. <i>International Journal of Obesity</i> , 2014 , 38, 794-800	5.5	32
52	Pectin is not pectin: a randomized trial on the effect of different physicochemical properties of dietary fiber on appetite and energy intake. <i>Physiology and Behavior</i> , 2014 , 128, 212-9	3.5	31
51	Repeated consumption of a large volume of liquid and semi-solid foods increases ad libitum intake, but does not change expected satiety. <i>Appetite</i> , 2012 , 59, 419-24	4.5	31
50	Satiation due to equally palatable sweet and savory meals does not differ in normal weight young adults. <i>Journal of Nutrition</i> , 2009 , 139, 2093-8	4.1	28
49	Taste of a 24-h diet and its effect on subsequent food preferences and satiety. <i>Appetite</i> , 2012 , 59, 1-8	4.5	27

48	Self-reported eating rate is associated with weight status in a Dutch population: a validation study and a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 121	8.4	26
47	The Availability of Slow and Fast Calories in the Dutch Diet: The Current Situation and Opportunities for Interventions. <i>Foods</i> , 2017 , 6,	4.9	24
46	The sum of its parts--effects of gastric distention, nutrient content and sensory stimulation on brain activation. <i>PLoS ONE</i> , 2014 , 9, e90872	3.7	23
45	Dietary taste patterns by sex and weight status in the Netherlands. <i>British Journal of Nutrition</i> , 2018 , 119, 1195-1206	3.6	21
44	The efficacy of daily snack replacement with oligofructose-enriched granola bars in overweight and obese adults: a 12-week randomised controlled trial. <i>British Journal of Nutrition</i> , 2018 , 119, 1076-1086	3.6	18
43	Similar taste-nutrient relationships in commonly consumed Dutch and Malaysian foods. <i>Appetite</i> , 2018 , 125, 32-41	4.5	18
42	Evaluation of a Smart Fork to Decelerate Eating Rate. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016 , 116, 1066-8	3.9	18
41	Eating behaviour and retro-nasal aroma release in normal-weight and overweight adults: a pilot study. <i>British Journal of Nutrition</i> , 2011 , 106, 297-306	3.6	17
40	Exploring in vitro gastric digestion of whey protein by time-domain nuclear magnetic resonance and magnetic resonance imaging. <i>Food Hydrocolloids</i> , 2020 , 99, 105348	10.6	16
39	Taste intensities of ten vegetables commonly consumed in the Netherlands. <i>Food Research International</i> , 2016 , 87, 34-41	7	16
38	Training of a Dutch and Malaysian sensory panel to assess intensities of basic tastes and fat sensation of commonly consumed foods. <i>Food Quality and Preference</i> , 2018 , 65, 49-59	5.8	16
37	The effect of real-time vibrotactile feedback delivered through an augmented fork on eating rate, satiation, and food intake. <i>Appetite</i> , 2017 , 113, 7-13	4.5	15
36	Expected satiation after repeated consumption of low- or high-energy-dense soup. <i>British Journal of Nutrition</i> , 2012 , 108, 182-90	3.6	15
35	Leptin responsiveness to energy restriction: genetic variation in the leptin receptor gene. <i>Obesity</i> , 2004 , 12, 442-4		15
34	How oro-sensory exposure and eating rate affect satiation and associated endocrine responses-a randomized trial. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1137-1149	7	15
33	Learning about the energy density of liquid and semi-solid foods. <i>International Journal of Obesity</i> , 2012 , 36, 1229-35	5.5	14
32	Energy intake compensation after 3 weeks of restricted energy intake in young and elderly men. <i>Journal of the American Medical Directors Association</i> , 2011 , 12, 277-86	5.9	11
31	Systematic review of the evidence for sustained efficacy of dietary interventions for reducing appetite or energy intake. <i>Obesity Reviews</i> , 2018 , 19, 1329-1339	10.6	11

30	A tale of gastric layering and sieving: Gastric emptying of a liquid meal with water blended in or consumed separately. <i>Physiology and Behavior</i> , 2017 , 176, 26-30	3.5	10
29	Longer oral exposure with modified sham feeding does not slow down gastric emptying of low- and high-energy-dense gastric loads in healthy young men. <i>Journal of Nutrition</i> , 2015 , 145, 365-71	4.1	10
28	The importance of swelling for in vitro gastric digestion of whey protein gels. <i>Food Chemistry</i> , 2020 , 330, 127182	8.5	10
27	Fasting ghrelin does not predict food intake after short-term energy restriction. <i>Obesity</i> , 2006 , 14, 838-46	4.5	10
26	The SPLENDID Eating Detection Sensor: Development and Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e170	5.5	10
25	Effects of eating with an augmented fork with vibrotactile feedback on eating rate and body weight: a randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 90	8.4	10
24	Indirect vs direct assessment of gastric emptying: A randomized crossover trial comparing C-isotope breath analysis and MRI. <i>Neurogastroenterology and Motility</i> , 2018 , 30, e13317	4	9
23	Just add water: Effects of added gastric distention by water on gastric emptying and satiety related brain activity. <i>Appetite</i> , 2018 , 127, 195-202	4.5	9
22	A novel approach for chewing detection based on a wearable PPG sensor. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 6485-6488	0.9	8
21	Taste profiles of diets high and low in environmental sustainability and health. <i>Food Quality and Preference</i> , 2019 , 78, 103730	5.8	8
20	Modeling of eating style and its effect on intake. <i>Appetite</i> , 2015 , 86, 25-30	4.5	7
19	Endocrine Cephalic Phase Responses to Food Cues: A Systematic Review. <i>Advances in Nutrition</i> , 2020 , 11, 1364-1383	10	7
18	Fractal Nature of Chewing Sounds. <i>Lecture Notes in Computer Science</i> , 2015 , 401-408	0.9	7
17	Effects of distraction on taste-related neural processing: a cross-sectional fMRI study. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 950-961	7	6
16	Leptin and insulin responses to a four-day energy-deficient diet in men with different weight history. <i>International Journal of Obesity</i> , 2003 , 27, 574-81	5.5	5
15	Preventing Obesity and Eating Disorders through Behavioural Modifications: the SPLENDID Vision 2014 ,		5
14	Exact Responses: Lack of Endocrine Cephalic Phase Responses Upon Oro-Sensory Exposure. <i>Frontiers in Endocrinology</i> , 2018 , 9, 332	5.7	4
13	The effect of replacing sucrose with L-arabinose in drinks and cereal foods on blood glucose and plasma insulin responses in healthy adults. <i>Journal of Functional Foods</i> , 2020 , 73, 104114	5.1	4

12	The SPLENDID chewing detection challenge. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2017 , 2017, 817-820	0.9	3
11	Consumers' perceptions on food-related sustainability: A systematic review. <i>Journal of Cleaner Production</i> , 2022 , 341, 130904	10.3	3
10	Dietary taste patterns in early childhood: the Generation R Study. <i>American Journal of Clinical Nutrition</i> , 2020 ,	7	3
9	BigO: A public health decision support system for measuring obesogenic behaviors of children in relation to their local environment. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 5864-5867	0.9	3
8	Effects of Oral Exposure Duration and Gastric Energy Content on Appetite Ratings and Energy Intake in Lean Men. <i>Nutrients</i> , 2016 , 8, 64	6.7	3
7	Evaluation of dietary taste patterns as assessed by FFQ against 24-h recalls and biomarkers of exposure. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 132-140	5.2	3
6	Establishing consensus on key public health indicators for the monitoring and evaluating childhood obesity interventions: a Delphi panel study. <i>BMC Public Health</i> , 2020 , 20, 1733	4.1	2
5	Effects of Oro-Sensory Exposure on Satiation and Underlying Neurophysiological Mechanisms-What Do We Know So Far?. <i>Nutrients</i> , 2021 , 13,	6.7	2
4	Monitoring pH and whey protein digestion by TD-NMR and MRI in a novel semi-dynamic in vitro gastric simulator (MR-GAS). <i>Food Hydrocolloids</i> , 2022 , 125, 107393	10.6	1
3	Objective and Subjective Meal Registration via a Smartphone Application. <i>Lecture Notes in Computer Science</i> , 2015 , 409-416	0.9	1
2	Recognition of Food-Texture Attributes Using an In-Ear Microphone. <i>Lecture Notes in Computer Science</i> , 2021 , 558-570	0.9	0
1	Texture and Diet Related Behavior: A Focus on Satiation and Satiety 2011 , 133-142		