

# Mario Kratz

## 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.

66  
papers

2,237  
citations

25  
h-index

46  
g-index

68  
ext. papers

2,779  
ext. citations

5.8  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
66	Metabolic dysfunction drives a mechanistically distinct proinflammatory phenotype in adipose tissue macrophages. <i>Cell Metabolism</i> , <b>2014</b> , 20, 614-25	24.6	443
65	The relationship between high-fat dairy consumption and obesity, cardiovascular, and metabolic disease. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 1-24	5.2	269
64	Gastric bypass surgery vs intensive lifestyle and medical intervention for type 2 diabetes: the CROSSROADS randomised controlled trial. <i>Diabetologia</i> , <b>2016</b> , 59, 945-53	10.3	182
63	Contribution of Adipose Tissue Inflammation to the Development of Type 2 Diabetes Mellitus. <i>Comprehensive Physiology</i> , <b>2018</b> , 9, 1-58	7.7	124
62	Mechanisms Linking the Gut Microbiome and Glucose Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 1445-54	5.6	100
61	Effects of intermittent and continuous calorie restriction on body weight and metabolism over 50 wk: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 933-945	7	79
60	Effect of dietary n-3 polyunsaturated fatty acids on plasma total and high-molecular-weight adiponectin concentrations in overweight to moderately obese men and women. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 87, 347-53	7	67
59	Dairy fat intake is associated with glucose tolerance, hepatic and systemic insulin sensitivity, and liver fat but not cell function in humans. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 99, 1385-96	7	62
58	Reliability of serum biomarkers of inflammation from repeated measures in healthy individuals. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2012</b> , 21, 1167-70	4	48
57	The short-term and long-term effects of bariatric/metabolic surgery on subcutaneous adipose tissue inflammation in humans. <i>Metabolism: Clinical and Experimental</i> , <b>2017</b> , 70, 12-22	12.7	46
56	Gene expression changes in adipose tissue with diet- and/or exercise-induced weight loss. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 217-31	3.2	43
55	FTO genotype impacts food intake and corticolimbic activation. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 107, 145-154	7	37
54	Targeted plasma metabolome response to variations in dietary glycemic load in a randomized, controlled, crossover feeding trial in healthy adults. <i>Food and Function</i> , <b>2015</b> , 6, 2949-56	6.1	36
53	Improvements in glycemic control after gastric bypass occur despite persistent adipose tissue inflammation. <i>Obesity</i> , <b>2016</b> , 24, 1438-45	8	34
52	Metabolic responses to a traditional Mexican diet compared with a commonly consumed US diet in women of Mexican descent: a randomized crossover feeding trial. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 366-74	7	34
51	Review of 100% Fruit Juice and Chronic Health Conditions: Implications for Sugar-Sweetened Beverage Policy. <i>Advances in Nutrition</i> , <b>2018</b> , 9, 78-85	10	32
50	Factors Associated with Multiple Biomarkers of Systemic Inflammation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2016</b> , 25, 521-31	4	31

49	Inflammation and oxidative stress markers and esophageal adenocarcinoma incidence in a Barrett's esophagus cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2014</b> , 23, 2393-403	4	31
48	No differential effect of beverages sweetened with fructose, high-fructose corn syrup, or glucose on systemic or adipose tissue inflammation in normal-weight to obese adults: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 104, 306-14	7	31
47	Effects of dietary fat and saturated fat content on liver fat and markers of oxidative stress in overweight/obese men and women under weight-stable conditions. <i>Nutrients</i> , <b>2014</b> , 6, 4678-90	6.7	30
46	The Impact of Dairy Products in the Development of Type 2 Diabetes: Where Does the Evidence Stand in 2019?. <i>Advances in Nutrition</i> , <b>2019</b> , 10, 1066-1075	10	29
45	Circulating bile acids in healthy adults respond differently to a dietary pattern characterized by whole grains, legumes and fruits and vegetables compared to a diet high in refined grains and added sugars: A randomized, controlled, crossover feeding study. <i>Metabolism: Clinical and Experimental</i> , <b>2018</b> , 83, 197-204	12.7	29
44	A high-fat, high-saturated fat diet decreases insulin sensitivity without changing intra-abdominal fat in weight-stable overweight and obese adults. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 431-443		28
43	No difference in ad libitum energy intake in healthy men and women consuming beverages sweetened with fructose, glucose, or high-fructose corn syrup: a randomized trial. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1373-80	7	28
42	Characterizing and quantifying leukocyte populations in human adipose tissue: impact of enzymatic tissue processing. <i>Journal of Immunological Methods</i> , <b>2012</b> , 386, 50-9	2.5	25
41	n3 PUFAs do not affect adipose tissue inflammation in overweight to moderately obese men and women. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1340-7	4.1	23
40	Cruciferous vegetables have variable effects on biomarkers of systemic inflammation in a randomized controlled trial in healthy young adults. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 1850-7	4.1	22
39	Short-Term Estrogen Withdrawal Increases Adiposity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3724-3731	5.6	20
38	A pilot study of sampling subcutaneous adipose tissue to examine biomarkers of cancer risk. <i>Cancer Prevention Research</i> , <b>2009</b> , 2, 37-42	3.2	20
37	Dietary n-3-polyunsaturated fatty acids and energy balance in overweight or moderately obese men and women: a randomized controlled trial. <i>Nutrition and Metabolism</i> , <b>2009</b> , 6, 24	4.6	20
36	Plasma metabolomics profiles suggest beneficial effects of a low-glycemic load dietary pattern on inflammation and energy metabolism. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 984-992	7	18
35	Reduced adipogenic gene expression in thigh adipose tissue precedes human immunodeficiency virus-associated lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 959-66	5.6	16
34	The effects of intermittent calorie restriction on metabolic health: Rationale and study design of the HELENA Trial. <i>Contemporary Clinical Trials</i> , <b>2016</b> , 51, 28-33	2.3	16
33	No association between blood telomere length and longitudinally assessed diet or adiposity in a young adult Filipino population. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 295-308		15
32	Obesity and inflammation markers in relation to leukocyte telomere length in a cross-sectional study of persons with Barrett's esophagus. <i>BMC Obesity</i> , <b>2015</b> , 2, 32	3.6	15

31	Diurnal and Long-term Variation in Plasma Concentrations and Renal Clearances of Circulating Markers of Kidney Proximal Tubular Secretion. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 915-923	5.5	13
30	Brain regulation of appetite in twins. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 314-22	7	13
29	Interaction of nutritional status and diabetes on active and latent tuberculosis: a cross-sectional analysis. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 627	4	13
28	Transcriptome Profiling of Adipose Tissue Reveals Depot-Specific Metabolic Alterations Among Patients with Colorectal Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 5225-5237	5.6	13
27	Plasma metabolite abundances are associated with urinary enterolactone excretion in healthy participants on controlled diets. <i>Food and Function</i> , <b>2017</b> , 8, 3209-3218	6.1	13
26	Whole-Fat or Reduced-Fat Dairy Product Intake, Adiposity, and Cardiometabolic Health in Children: A Systematic Review. <i>Advances in Nutrition</i> , <b>2020</b> , 11, 928-950	10	12
25	A low-fat high-carbohydrate diet reduces plasma total adiponectin concentrations compared to a moderate-fat diet with no impact on biomarkers of systemic inflammation in a randomized controlled feeding study. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 237-46	5.2	11
24	The impact of diets rich in low-fat or full-fat dairy on glucose tolerance and its determinants: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 113, 534-547	7	10
23	Consuming glucose-sweetened, not fructose-sweetened, beverages increases fasting insulin in healthy humans. <i>European Journal of Clinical Nutrition</i> , <b>2019</b> , 73, 487-490	5.2	7
22	Circulating sex steroids coregulate adipose tissue immune cell populations in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 313, E528-E539	6	5
21	Associations of Pre- and Postnatal Air Pollution Exposures with Child Blood Pressure and Modification by Maternal Nutrition: A Prospective Study in the CANDLE Cohort. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 47004	8.4	5
20	Vitamin D in human serum and adipose tissue after supplementation. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> ,	7	5
19	Key Genes of Lipid Metabolism and WNT-Signaling Are Downregulated in Subcutaneous Adipose Tissue with Moderate Weight Loss. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	4
18	A twin study of differences in the response of plasma ghrelin to a milkshake preload in restrained eaters. <i>Physiology and Behavior</i> , <b>2014</b> , 129, 50-6	3.5	4
17	Intraindividual Variation in Markers of Intestinal Permeability and Adipose Tissue Inflammation in Healthy Normal-Weight to Obese Adults. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 610-615	4	4
16	Spiritually motivated restrictions on animal products have a limited impact on consumption of healthy plant-based foods. <i>British Journal of Nutrition</i> , <b>2019</b> , 122, 808-819	3.6	3
15	A short-term religious "fast" from animal products has a minimal impact on cardiometabolic health biomarkers irrespective of concurrent shifts in distinct plant-based food groups. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 722-732	7	3
14	Exchanging Carbohydrate or Protein for Fat Improves Lipid-Related Cardiovascular Risk Profile in Overweight Men and Women When Consumed Ad Libitum. <i>Journal of Investigative Medicine</i> , <b>2010</b> , 58, 711-719	2.9	3

13	Plasma lipidomic profiles after a low and high glycemic load dietary pattern in a randomized controlled crossover feeding study. <i>Metabolomics</i> , <b>2020</b> , 16, 121	4.7	3
12	Impact of low-fat and full-fat dairy foods on fasting lipid profile and blood pressure: exploratory endpoints of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 882-892	7	3
11	Proteomic Analysis of Plasma Reveals Fat Mass Influences Cancer-Related Pathways in Healthy Humans Fed Controlled Diets Differing in Glycemic Load. <i>Cancer Prevention Research</i> , <b>2019</b> , 12, 567-578	3.2	1
10	Impact of the Analytical Approach on the Reliability of MRI-Based Assessment of Hepatic Fat Content. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, nzaa171	0.4	1
9	Whole-fat dairy products do not adversely affect adiposity or cardiometabolic risk factors in children in the Milky Way Study: a double-blind randomized controlled pilot study. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> ,	7	1
8	Associations Between Maternal Nutrition in Pregnancy and Child Blood Pressure at 4-6 Years: A Prospective Study in a Community-Based Pregnancy Cohort. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 949-961	4.1	1
7	Clinic-based diabetes screening at the time of HIV testing and associations with poor clinical outcomes in South Africa: a cohort study. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 789	4	1
6	Urinary enterolactone is associated with plasma proteins related to immunity and cancer development in healthy participants on controlled diets. <i>Human Nutrition and Metabolism</i> , <b>2021</b> , 25, 200128	0.3	1
5	Exploring the Links between Diet and Inflammation: Dairy Foods as Case Studies. <i>Advances in Nutrition</i> , <b>2021</b> , 12, 1S-13S	10	1
4	Psychosocial Factors of Diet and Physical Activity among Rural, Hispanic Children: Findings from a Multilevel Health Intervention Study. <i>Journal of Racial and Ethnic Health Disparities</i> , <b>2019</b> , 6, 1218-1227	3.5	0
3	Relationship Between Chronic Kidney Disease, Glucose Homeostasis, and Plasma Osteocalcin Carboxylation and Fragmentation. <i>Journal of Renal Nutrition</i> , <b>2021</b> , 31, 248-256	3	0
2	Association between post-treatment circulating biomarkers of inflammation and survival among stage II-III colorectal cancer patients. <i>British Journal of Cancer</i> , <b>2021</b> , 125, 806-815	8.7	0
1	The impact of low-fat and full-fat dairy foods on symptoms of gastroesophageal reflux disease: an exploratory analysis based on a randomized controlled trial.. <i>European Journal of Nutrition</i> , <b>2022</b> , 1	5.2	