

# Mario Kratz

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

3,238  
citations

218592

26  
h-index

168321

53  
g-index

69  
all docs

69  
docs citations

69  
times ranked

6528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Dysfunction Drives a Mechanistically Distinct Proinflammatory Phenotype in Adipose Tissue Macrophages. <i>Cell Metabolism</i> , 2014, 20, 614-625.	7.2	605
2	The relationship between high-fat dairy consumption and obesity, cardiovascular, and metabolic disease. <i>European Journal of Nutrition</i> , 2013, 52, 1-24.	1.8	332
3	Gastric bypass surgery vs intensive lifestyle and medical intervention for type 2 diabetes: the CROSSROADS randomised controlled trial. <i>Diabetologia</i> , 2016, 59, 945-953.	2.9	246
4	Contribution of Adipose Tissue Inflammation to the Development of Type 2 Diabetes Mellitus. , 2018, 9, 1-58.		217
5	Mechanisms Linking the Gut Microbiome and Glucose Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1445-1454.	1.8	163
6	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> , 2018, 108, 933-945.	2.2	161
7	Dairy fat intake is associated with glucose tolerance, hepatic and systemic insulin sensitivity, and liver fat but not $\beta$ -cell function in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1385-1396.	2.2	77
8	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> , 2008, 87, 347-353.	2.2	73
9	FTO genotype impacts food intake and corticolimbic activation. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 145-154.	2.2	60
10	Gene Expression Changes in Adipose Tissue with Diet- and/or Exercise-Induced Weight Loss. <i>Cancer Prevention Research</i> , 2013, 6, 217-231.	0.7	59
11	Reliability of Serum Biomarkers of Inflammation from Repeated Measures in Healthy Individuals. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1167-1170.	1.1	57
12	The short-term and long-term effects of bariatric/metabolic surgery on subcutaneous adipose tissue inflammation in humans. <i>Metabolism: Clinical and Experimental</i> , 2017, 70, 12-22.	1.5	57
13	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> , 2016, 103, 366-374.	2.2	54
14	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> , 2018, 83, 197-204.	1.5	53
15	The Impact of Dairy Products in the Development of Type 2 Diabetes: Where Does the Evidence Stand in 2019?. <i>Advances in Nutrition</i> , 2019, 10, 1066-1075.	2.9	53
16	Review of 100% Fruit Juice and Chronic Health Conditions: Implications for Sugar-Sweetened Beverage Policy. <i>Advances in Nutrition</i> , 2018, 9, 78-85.	2.9	51
17	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> , 2015, 6, 2949-2956.	2.1	43
18	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> , 2017, 56, 431-443.	4.6	43

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19	Improvements in glycemic control after gastric bypass occur despite persistent adipose tissue inflammation. <i>Obesity</i> , 2016, 24, 1438-1445.	1.5	41
20	Factors Associated with Multiple Biomarkers of Systemic Inflammation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 521-531.	1.1	41
21	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> , 2016, 104, 306-314.	2.2	39
22	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> , 2014, 6, 4678-4690.	1.7	36
23	Inflammation and Oxidative Stress Markers and Esophageal Adenocarcinoma Incidence in a Barrett's Esophagus Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2393-2403.	1.1	35
24	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> , 2015, 102, 1373-1380.	2.2	32
25	Cruciferous Vegetables Have Variable Effects on Biomarkers of Systemic Inflammation in a Randomized Controlled Trial in Healthy Young Adults. <i>Journal of Nutrition</i> , 2014, 144, 1850-1857.	1.3	31
26	Characterizing and quantifying leukocyte populations in human adipose tissue: Impact of enzymatic tissue processing. <i>Journal of Immunological Methods</i> , 2012, 386, 50-59.	0.6	28
27	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> , 2009, 6, 24.	1.3	27
28	n3 PUFAs Do Not Affect Adipose Tissue Inflammation in Overweight to Moderately Obese Men and Women <sup>1&amp;#x2013;3</sup> . <i>Journal of Nutrition</i> , 2013, 143, 1340-1347.	1.3	27
29	Plasma metabolomics profiles suggest beneficial effects of a low <sup>2</sup> glycemic load dietary pattern on inflammation and energy metabolism. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 984-992.	2.2	27
30	Whole-Fat or Reduced-Fat Dairy Product Intake, Adiposity, and Cardiometabolic Health in Children: A Systematic Review. <i>Advances in Nutrition</i> , 2020, 11, 928-950.	2.9	26
31	A Pilot Study of Sampling Subcutaneous Adipose Tissue to Examine Biomarkers of Cancer Risk. <i>Cancer Prevention Research</i> , 2009, 2, 37-42.	0.7	25
32	Short-Term Estrogen Withdrawal Increases Adiposity in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3724-3731.	1.8	24
33	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> , 2021, 113, 534-547.	2.2	23
34	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> , 2021, 114, 882-892.	2.2	22
35	The effects of intermittent calorie restriction on metabolic health: Rationale and study design of the HELENA Trial. <i>Contemporary Clinical Trials</i> , 2016, 51, 28-33.	0.8	21
36	Interaction of nutritional status and diabetes on active and latent tuberculosis: a cross-sectional analysis. <i>BMC Infectious Diseases</i> , 2019, 19, 627.	1.3	21

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37	Transcriptome Profiling of Adipose Tissue Reveals Depot-Specific Metabolic Alterations Among Patients with Colorectal Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5225-5237.	1.8	21
38	No association between blood telomere length and longitudinally assessed diet or adiposity in a young adult Filipino population. <i>European Journal of Nutrition</i> , 2017, 56, 295-308.	4.6	19
39	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> , 2021, 129, 47004.	2.8	19
40	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> , 2015, 2, 32.	3.1	18
41	Exploring the Links between Diet and Inflammation: Dairy Foods as Case Studies. <i>Advances in Nutrition</i> , 2021, 12, 1S-13S.	2.9	18
42	Reduced Adipogenic Gene Expression in Thigh Adipose Tissue Precedes Human Immunodeficiency Virus-Associated Lipoatrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 959-966.	1.8	17
43	Diurnal and Long-term Variation in Plasma Concentrations and Renal Clearances of Circulating Markers of Kidney Proximal Tubular Secretion. <i>Clinical Chemistry</i> , 2017, 63, 915-923.	1.5	17
44	Plasma metabolite abundances are associated with urinary enterolactone excretion in healthy participants on controlled diets. <i>Food and Function</i> , 2017, 8, 3209-3218.	2.1	16
45	Brain regulation of appetite in twins. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 314-322.	2.2	15
46	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> , 2016, 55, 237-246.	1.8	14
47	Vitamin D in human serum and adipose tissue after supplementation. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 83-91.	2.2	14
48	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> , 2019, 28, 610-615.	1.1	12
49	Association between post-treatment circulating biomarkers of inflammation and survival among stage II-III colorectal cancer patients. <i>British Journal of Cancer</i> , 2021, 125, 806-815.	2.9	12
50	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> , 2019, 110, 722-732.	2.2	9
51	Spiritually motivated restrictions on animal products have a limited impact on consumption of healthy plant-based foods. <i>British Journal of Nutrition</i> , 2019, 122, 808-819.	1.2	9
52	Key Genes of Lipid Metabolism and WNT-Signaling Are Downregulated in Subcutaneous Adipose Tissue with Moderate Weight Loss. <i>Nutrients</i> , 2019, 11, 639.	1.7	9
53	Consuming glucose-sweetened, not fructose-sweetened, beverages increases fasting insulin in healthy humans. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 487-490.	1.3	9
54	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> , 2021, 114, 2025-2042.	2.2	9

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55	A twin study of differences in the response of plasma ghrelin to a milkshake preload in restrained eaters. <i>Physiology and Behavior</i> , 2014, 129, 50-56.	1.0	7
56	Circulating sex steroids coregulate adipose tissue immune cell populations in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E528-E539.	1.8	7
57	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> , 2010, 58, 711-719.	0.7	5
58	Plasma lipidomic profiles after a low and high glycemic load dietary pattern in a randomized controlled crossover feeding study. <i>Metabolomics</i> , 2020, 16, 121.	1.4	5
59	Relationship Between Chronic Kidney Disease, Glucose Homeostasis, and Plasma Osteocalcin Carboxylation and Fragmentation. , 2021, 31, 248-256.		5
60	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> , 2021, 21, 789.	1.3	4
61	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> , 2022, 61, 2815-2823.	1.8	4
62	Associations Between Maternal Nutrition in Pregnancy and Child Blood Pressure at 4â€“6 Years: A Prospective Study in a Community-Based Pregnancy Cohort. <i>Journal of Nutrition</i> , 2021, 151, 949-961.	1.3	3
63	Assessing the validity of plasma phospholipid fatty acids as biomarkers of dairy fat intake using data from a randomized controlled intervention trial. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1577-1588.	2.2	3
64	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> , 2019, 12, 567-578.	0.7	2
65	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> , 2021, 25, 200128.	0.8	2
66	Impact of the Analytical Approach on the Reliability of MRI-Based Assessment of Hepatic Fat Content. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa171.	0.1	2
67	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> , 2019, 6, 1218-1227.	1.8	1
68	Long-Term Diabetes Remission Rates after Bariatric Surgery: Surprisingly Low in Spite of Sustained Weight Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2291-e2293.	1.8	0