

# Mahdieh Abbasalizad Farhangi

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,453  
citations

201674

27  
h-index

243625

44  
g-index

88  
all docs

88  
docs citations

88  
times ranked

3485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligofructose-enriched inulin improves some inflammatory markers and metabolic endotoxemia in women with type 2 diabetes mellitus: A randomized controlled clinical trial. <i>Nutrition</i> , 2014, 30, 418-423.	2.4	161
2	Inulin controls inflammation and metabolic endotoxemia in women with type 2 diabetes mellitus: a randomized-controlled clinical trial. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 117-123.	2.8	134
3	Resistant dextrin, as a prebiotic, improves insulin resistance and inflammation in women with type 2 diabetes: a randomised controlled clinical trial. <i>British Journal of Nutrition</i> , 2015, 113, 321-330.	2.3	108
4	White Blood Cell Count in Women: Relation to Inflammatory Biomarkers, Haematological Profiles, Visceral Adiposity, and Other Cardiovascular Risk Factors. <i>Journal of Health, Population and Nutrition</i> , 2013, 31, 58-64.	2.0	100
5	Framingham risk score for estimation of 10-years of cardiovascular diseases risk in patients with metabolic syndrome. <i>Journal of Health, Population and Nutrition</i> , 2017, 36, 36.	2.0	99
6	Gut microbiota-derived metabolite trimethylamine N-oxide (TMAO) potentially increases the risk of obesity in adults: An exploratory systematic review and dose-response meta-analysis. <i>Obesity Reviews</i> , 2020, 21, e12993.	6.5	85
7	Oral Coenzyme Q10 Supplementation in Patients with Nonalcoholic Fatty Liver Disease: Effects on Serum Vaspin, Chemerin, Pentraxin 3, Insulin Resistance and Oxidative Stress. <i>Archives of Medical Research</i> , 2014, 45, 589-595.	3.3	83
8	The effect of enriched chicory inulin on liver enzymes, calcium homeostasis and hematological parameters in patients with type 2 diabetes mellitus: A randomized placebo-controlled trial. <i>Primary Care Diabetes</i> , 2016, 10, 265-271.	1.8	73
9	Web-based physical activity interventions: a systematic review and meta-analysis of randomized controlled trials. <i>Public Health</i> , 2017, 152, 36-46.	2.9	66
10	A Combination of Prebiotic Inulin and Oligofructose Improve Some of Cardiovascular Disease Risk Factors in Women with Type 2 Diabetes: A Randomized Controlled Clinical Trial. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 507-514.	1.4	64
11	Impact of prebiotic supplementation on T-cell subsets and their related cytokines, anthropometric features and blood pressure in patients with type 2 diabetes mellitus: A randomized placebo-controlled Trial. <i>Complementary Therapies in Medicine</i> , 2016, 24, 96-102.	2.7	59
12	Cardiac tissue oxidative stress and inflammation after vitamin D administrations in high fat- diet induced obese rats. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 161.	1.7	55
13	A structural equation modeling approach for the association of a healthy eating index with metabolic syndrome and cardio-metabolic risk factors among obese individuals. <i>PLoS ONE</i> , 2019, 14, e0219193.	2.5	49
14	Higher dietary acid load potentially increases serum triglyceride and obesity prevalence in adults: An updated systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0216547.	2.5	49
15	A randomized controlled trial on the efficacy of resistant dextrin, as functional food, in women with type 2 diabetes: Targeting the hypothalamic-pituitary-adrenal axis and immune system. <i>Clinical Nutrition</i> , 2018, 37, 1216-1223.	5.0	47
16	Gut microbiota-associated metabolite trimethylamine N-Oxide and the risk of stroke: a systematic review and dose-response meta-analysis. <i>Nutrition Journal</i> , 2020, 19, 76.	3.4	44
17	Body image perception and its association with body mass index and nutrient intakes among female college students aged 18-35 years from Tabriz, Iran. <i>Eating and Weight Disorders</i> , 2015, 20, 465-471.	2.5	42
18	The effects of <i>Nigella sativa</i> on thyroid function, serum Vascular Endothelial Growth Factor (VEGF) 1, Nesfatin-1 and anthropometric features in patients with Hashimoto's thyroiditis: a randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 471.	3.7	42

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19	A systematic review of the association between dietary patterns and health-related quality of life. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 337.	2.4	41
20	Novel findings of the association between gut microbiota-derived metabolite trimethylamine N-oxide and inflammation: results from a systematic review and dose-response meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2801-2823.	10.3	39
21	Dietary diversity score is associated with cardiovascular risk factors and serum adiponectin concentrations in patients with metabolic syndrome. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 68.	1.7	38
22	Weight self-stigma and its association with quality of life and psychological distress among overweight and obese women. <i>Eating and Weight Disorders</i> , 2017, 22, 451-456.	2.5	36
23	The effects of vitamin D administration on brain inflammatory markers in high fat diet induced obese rats. <i>BMC Neuroscience</i> , 2017, 18, 81.	1.9	34
24	Prebiotic supplementation modulates advanced glycation end-products (AGEs), soluble receptor for AGEs (sRAGE), and cardiometabolic risk factors through improving metabolic endotoxemia: a randomized-controlled clinical trial. <i>European Journal of Nutrition</i> , 2020, 59, 3009-3021.	3.9	33
25	Dietary inflammatory index: a potent association with cardiovascular risk factors among patients candidate for coronary artery bypass grafting (CABG) surgery. <i>Nutrition Journal</i> , 2018, 17, 20.	3.4	30
26	Gut microbiota-dependent trimethylamine N-oxide and all-cause mortality: Findings from an updated systematic review and meta-analysis. <i>Nutrition</i> , 2020, 78, 110856.	2.4	30
27	Association between dietary patterns and metabolic syndrome in a sample of Tehranian adults. <i>Obesity Research and Clinical Practice</i> , 2016, 10, S64-S73.	1.8	29
28	Mediterranean dietary quality index and dietary phytochemical index among patients candidate for coronary artery bypass grafting (CABG) surgery. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 114.	1.7	29
29	Mental health problems in relation to eating behavior patterns, nutrient intakes and health related quality of life among Iranian female adolescents. <i>PLoS ONE</i> , 2018, 13, e0195669.	2.5	29
30	Powdered black cumin seeds strongly improves serum lipids, atherogenic index of plasma and modulates anthropometric features in patients with Hashimoto's thyroiditis. <i>Lipids in Health and Disease</i> , 2018, 17, 59.	3.0	28
31	Sugar-sweetened beverages increases the risk of hypertension among children and adolescence: a systematic review and dose-response meta-analysis. <i>Journal of Translational Medicine</i> , 2020, 18, 344.	4.4	28
32	Interactive web-based lifestyle intervention and metabolic syndrome: findings from the Red Ruby (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	27
33	Insulin deficiency: A possible link between obesity and cognitive function. <i>International Journal of Developmental Neuroscience</i> , 2017, 59, 15-20.	1.6	26
34	The Effect of Vitamin A Supplementation on Thyroid Function in Premenopausal Women. <i>Journal of the American College of Nutrition</i> , 2012, 31, 268-274.	1.8	25
35	Vitamin a supplementation, serum lipids, liver enzymes and C-reactive protein concentrations in obese women of reproductive age. <i>Annals of Clinical Biochemistry</i> , 2013, 50, 25-30.	1.6	25
36	Serum calcium, magnesium, phosphorous and lipid profile in healthy Iranian premenopausal women. <i>Biochemia Medica</i> , 2011, 21, 312-320.	2.7	25

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37	Dietary inflammatory index potentially increases blood pressure and markers of glucose homeostasis among adults: findings from an updated systematic review and meta-analysis. <i>Public Health Nutrition</i> , 2020, 23, 1362-1380.	2.2	24
38	The association between dietary inflammatory index and risk of central obesity in adults: An updated systematic review and meta-analysis. <i>International Journal for Vitamin and Nutrition Research</i> , 2020, 90, 535-552.	1.5	24
39	Dietary acid load, blood pressure, fasting blood sugar and biomarkers of insulin resistance among adults: Findings from an updated systematic review and meta-analysis. <i>International Journal of Clinical Practice</i> , 2020, 74, e13471.	1.7	22
40	Gut microbiota-associated trimethylamine-N-oxide and increased cardiometabolic risk in adults: a systematic review and dose-response meta-analysis. <i>Nutrition Reviews</i> , 2021, 79, 1022-1042.	5.8	21
41	Vitamin A Supplementation and Serum Th1- and Th2-Associated Cytokine Response in Women. <i>Journal of the American College of Nutrition</i> , 2013, 32, 280-285.	1.8	19
42	A web-based interactive lifestyle modification program improves lipid profile and serum adiponectin concentrations in patients with metabolic syndrome: the "Red Ruby" study. <i>International Journal of Diabetes in Developing Countries</i> , 2017, 37, 21-30.	0.8	18
43	10-year survival in coronary artery bypass grafting surgery patients in Tehran heart center, coronary outcome measurement study: Predictive power of dietary inflammatory index and dietary antioxidant quality. <i>Nutrition</i> , 2019, 63-64, 22-28.	2.4	18
44	Systematic Review With Meta-analysis of the Health-related Quality of Life in Children With Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 468-477.	1.8	18
45	An updated systematic review and dose-response meta-analysis of the effects of $\alpha$ -lipoic acid supplementation on glycemic markers in adults. <i>Nutrition</i> , 2021, 82, 111041.	2.4	18
46	Child-specific food insecurity and its sociodemographic and nutritional determinants among Iranian schoolchildren. <i>Ecology of Food and Nutrition</i> , 2016, 55, 231-240.	1.6	16
47	The Impact of Vitamin D Supplementation on Neurodegeneration, TNF- $\alpha$ Concentration in Hypothalamus, and CSF-to-Plasma Ratio of Insulin in High-Fat-Diet-Induced Obese Rats. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 247-255.	2.3	16
48	Night Eating Syndrome and Its Relationship with Emotional Eating, Sleep Quality and Nutritional Status Among Adolescents' Boys. <i>Community Mental Health Journal</i> , 2019, 55, 1411-1418.	2.0	16
49	Alpha-lipoic acid supplementation significantly reduces the risk of obesity in an updated systematic review and dose response meta-analysis of randomised placebo-controlled clinical trials. <i>International Journal of Clinical Practice</i> , 2020, 74, e13493.	1.7	16
50	Modifiable lifestyle risk factors and metabolic syndrome: opportunities for a web-based preventive program. <i>Journal of Research in Health Sciences</i> , 2014, 14, 303-7.	1.0	16
51	"Red Ruby": an interactive web-based intervention for lifestyle modification on metabolic syndrome: a study protocol for a randomized controlled trial. <i>BMC Public Health</i> , 2014, 14, 748.	2.9	15
52	The interaction between dietary inflammatory index and 6 P21 rs2010963 gene variants in metabolic syndrome. <i>Eating and Weight Disorders</i> , 2020, 25, 1049-1060.	2.5	15
53	Interaction between Vascular Endothelial Growth Factor-A (rs2010963) Gene Polymorphisms and Dietary Diversity Score on Cardiovascular Risk Factors in Patients with Metabolic Syndrome. <i>Lifestyle Genomics</i> , 2020, 13, 1-10.	1.7	15
54	The effects of powdered black cumin seeds on markers of oxidative stress, intracellular adhesion molecule (ICAM)-1 and vascular cell adhesion molecule (VCAM)-1 in patients with Hashimoto's thyroiditis. <i>Clinical Nutrition ESPEN</i> , 2020, 37, 207-212.	1.2	15

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55	Co-supplementation of camelina oil and a prebiotic is more effective for in improving cardiometabolic risk factors and mental health in patients with NAFLD: a randomized clinical trial. <i>Food and Function</i> , 2021, 12, 8594-8604.	4.6	15
56	Gender Differences in Major Dietary Patterns and Their Relationship with Cardio-Metabolic Risk Factors in a Year before Coronary Artery Bypass Grafting (CABG) Surgery Period. <i>Archives of Iranian Medicine</i> , 2016, 19, 470-9.	0.6	14
57	Could emotional eating act as a mediator between sleep quality and food intake in female students?. <i>BioPsychoSocial Medicine</i> , 2019, 13, 15.	2.1	13
58	Dietary Total Antioxidant Capacity (TAC) Significantly Reduces the Risk of Site-Specific Cancers: An Updated Systematic Review and Meta-Analysis. <i>Nutrition and Cancer</i> , 2021, 73, 721-739.	2.0	13
59	Empirically developed dietary inflammatory potential (EDIP) in patients candidate for coronary artery bypass grafting surgery (CABG): Association with metabolic parameters, dietary antioxidant quality score and dietary phytochemical index. <i>PLoS ONE</i> , 2018, 13, e0208711.	2.5	12
60	Dietary total antioxidant capacity (TAC) among candidates for coronary artery bypass grafting (CABG) surgery: Emphasis to possible beneficial role of TAC on serum vitamin D. <i>PLoS ONE</i> , 2018, 13, e0208806.	2.5	12
61	A systematic review and meta-analysis of the prevalence and odds of eating disorders in patients with celiac disease and vice-versa. <i>International Journal of Eating Disorders</i> , 2021, 54, 1563-1574.	4.0	12
62	Obesity paradigm and web-based weight loss programs: an updated systematic review and meta-analysis of randomized controlled trials. <i>Journal of Health, Population and Nutrition</i> , 2021, 40, 16.	2.0	10
63	Dietary total antioxidant capacity (TAC), general and central obesity indices and serum lipids among adults: An updated systematic review and meta-analysis. <i>International Journal for Vitamin and Nutrition Research</i> , 2020, , 1-17.	1.5	10
64	Vitamin A supplementation reduces the Th17-Treg Related cytokines in obese and non-obese women. <i>Archives of Endocrinology and Metabolism</i> , 2016, 60, 29-35.	0.6	9
65	Association of major dietary patterns and different metabolic phenotypes: a population-based study of northwestern Iran. <i>BMC Endocrine Disorders</i> , 2019, 19, 131.	2.2	9
66	Mediterranean dietary pattern and VEGF +405 G/C gene polymorphisms in patients with metabolic syndrome: An aspect of gene-nutrient interaction. <i>PLoS ONE</i> , 2017, 12, e0171637.	2.5	9
67	Dietary acid load significantly predicts 10-years survival in patients underwent coronary artery bypass grafting (CABG) surgery. <i>PLoS ONE</i> , 2019, 14, e0223830.	2.5	8
68	Effects of coenzyme Q10 supplementation on the anthropometric variables, lipid profiles and liver enzymes in patients with non-alcoholic fatty liver disease. <i>Bangladesh Journal of Pharmacology</i> , 2015, 11, 35.	0.4	7
69	Food insecurity and its related socioeconomic and nutritional factors: evidence from a sample of population in the northwest of Iran. <i>Quality Assurance and Safety of Crops and Foods</i> , 2015, 7, 109-113.	3.4	6
70	Gender difference in the association between Framingham Risk Score with cardio-metabolic risk factors and psychological distress in patients with metabolic syndrome. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 71-75.	3.6	6
71	Effectiveness of omega-3 and prebiotics on adiponectin, leptin, liver enzymes lipid profile and anthropometric indices in patients with non-alcoholic fatty liver disease: A randomized controlled trial. <i>Journal of Functional Foods</i> , 2022, 92, 105074.	3.4	6
72	Spirulina platensis supplementation, macrophage inhibitory cytokine-1 (MIC-1), oxidative stress markers and anthropometric features in obese individuals: A randomized controlled trial. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100264.	2.0	5

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73	Melanocortin-4 receptor (MC4R) rs17782313 polymorphism interacts with Dietary Approach to Stop Hypertension (DASH) and Mediterranean Dietary Score (MDS) to affect hypothalamic hormones and cardio-metabolic risk factors among obese individuals. <i>Genes and Nutrition</i> , 2020, 15, 13.	2.5	5
74	Major components of metabolic syndrome and nutritional intakes in different genotype of UCP2 $\hat{\sim}$ 866G/A gene polymorphisms in patients with NAFLD. <i>Journal of Translational Medicine</i> , 2016, 14, 177.	4.4	4
75	Histological, metabolic, and inflammatory changes in the renal tissues of high-fat diet-induced obese rats after vitamin D supplementation. <i>Nutrition and Food Science</i> , 2020, 50, 1135-1149.	0.9	4
76	Determinants of health-related quality of life in patients with celiac disease: a structural equation modeling. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 204.	2.4	4
77	Interplay between fatty acid desaturase2 (FADS2) rs174583 genetic variant and dietary antioxidant capacity: cardio-metabolic risk factors in obese individuals. <i>BMC Endocrine Disorders</i> , 2022, 22, .	2.2	4
78	Low carbohydrate diet score is associated with improved blood pressure and cardio-metabolic risk factors among obese adults. <i>Physiological Reports</i> , 2022, 10, .	1.7	4
79	Association of UCP2 $\hat{\sim}$ 866G>A Polymorphism With Nonalcoholic Fatty Liver Disease in Patients From North-West of Iran. <i>Laboratory Medicine</i> , 2017, 48, 65-72.	1.2	3
80	Changes of body composition and circulating neopterin, omentin-1, and chemerin in response to thylakoid-rich spinach extract with a hypocaloric diet in obese women with polycystic ovary syndrome: A randomized controlled trial. <i>Phytotherapy Research</i> , 2021, 35, 2594-2606.	5.8	3
81	The Interaction Between Fatty Acid Desaturase-2 (FADS2) rs174583 Genetic Variant and Dietary Quality Indices (DASH and MDS) Constructs Different Metabolic Phenotypes Among Obese Individuals. <i>Frontiers in Nutrition</i> , 2021, 8, 669207.	3.7	3
82	Dietary inflammatory index significantly affects lipids profile among adults: An updated systematic review and meta-analysis. <i>International Journal for Vitamin and Nutrition Research</i> , 2022, 92, 431-447.	1.5	3
83	Gender-specific difference among socio-demographic determinants of malnutrition and anemia among hospitalized children. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2019, 12, 247-254.	0.5	2
84	Alpha-lipoic acid supplementation affects serum lipids in a dose and duration-dependent manner in different health status. <i>International Journal for Vitamin and Nutrition Research</i> , 2023, 93, 352-361.	1.5	2
85	Soluble P-selectin, procalcitonin, transforming growth factor (TGF)- $\hat{1}$ 2 and apo-proteins in association with the components of metabolic syndrome in obese individuals. <i>Clinical Nutrition ESPEN</i> , 2021, 41, 386-390.	1.2	1
86	Personalized gene-diet study of rs2239670 gene variants and dietary patterns among obese adults. <i>Clinical Nutrition ESPEN</i> , 2021, 47, 358-366.	1.2	1
87	Association between Ag-RP, alpha-MSH and cardiovascular risk factors regarding adherence to Diet Quality Index- International (DQI-I) among obese individuals. <i>Journal of Cardiovascular and Thoracic Research</i> , 2021, 13, 320-329.	0.9	0
88	Prognostic value of circulating macrophage inhibitory cytokine 1-growth differentiation factor 15 (MIC-1/GDF15) in obesity: Relation with vascular endothelial growth factor (VEGF) and markers of oxidative stress. <i>Nutrition and Health</i> , 2023, 29, 707-713.	1.5	0