Mahmoud Djalali

List of Publications by Year in descending order

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279487 315357 2,079 101 23 38 citations h-index g-index papers 103 103 103 3327 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Risk factors for mortality in patients with Coronavirus disease 2019 (COVID-19) infection: a systematic review and meta-analysis of observational studies. Aging Male, 2020, 23, 1416-1424.	0.9	311
2	The synergistic effects of i‰-3 fatty acids and nano-curcumin supplementation on tumor necrosis factor (TNF)-α gene expression and serum level in migraine patients. Immunogenetics, 2017, 69, 371-378.	1.2	75
3	A Novel Combination of ω-3 Fatty Acids and Nano-Curcumin Modulates Interleukin-6 Gene Expression and High Sensitivity C-reactive Protein Serum Levels in Patients with Migraine: A Randomized Clinical Trial Study. CNS and Neurological Disorders - Drug Targets, 2018, 17, 430-438.	0.8	53
4	The Neuromodulatory Effects of ω-3 Fatty Acids and Nano-Curcumin on the COX-2/ iNOS Network in Migraines: A Clinical Trial Study from Gene Expression to Clinical Symptoms. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 874-884.	0.6	53
5	Effect of vitamin D supplementation as adjunctive therapy to methylphenidate on ADHD symptoms: A randomized, double blind, placebo-controlled trial. Nutritional Neuroscience, 2018, 21, 202-209.	1.5	49
6	Effects of probiotics on biomarkers of oxidative stress and inflammatory factors in petrochemical workers: A randomized, double-blind, placebo-controlled trial. International Journal of Preventive Medicine, 2015, 6, 82.	0.2	44
7	Effect of DHA-rich fish oil on PPARÎ 3 target genes related to lipid metabolism in type 2 diabetes: A randomized, double-blind, placebo-controlled clinical trial. Journal of Clinical Lipidology, 2015, 9, 770-777.	0.6	43
8	Beneficial effects of omega-3 and vitamin E coadministration on gene expression of SIRT1 and PGC1 \hat{l}_{\pm} and serum antioxidant enzymes in patients with coronary artery disease. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 489-494.	1.1	38
9	The Combined Effects of I‰ -3 Fatty Acids and Nano-Curcumin Supplementation on Intercellular Adhesion Molecule-1 (ICAM-1) Gene Expression and Serum Levels in Migraine Patients. CNS and Neurological Disorders - Drug Targets, 2018, 16, 1120-1126.	0.8	35
10	The synergistic effects of nano-curcumin and coenzyme Q10 supplementation in migraine prophylaxis: a randomized, placebo-controlled, double-blind trial. Nutritional Neuroscience, 2021, 24, 317-326.	1.5	34
11	Effect of n-3 supplementation on hyperactivity, oxidative stress and inflammatory mediators in children with attention-deficit-hyperactivity disorder. Malaysian Journal of Nutrition, 2012, 18, 329-35.	0.1	32
12	The Effects of Vitamin D Supplementation on Glucose Control and Insulin Resistance in Patients with Diabetes Type 2: A Randomized Clinical Trial Study. Iranian Journal of Public Health, 2014, 43, 1651-6.	0.3	31
13	Short-term curcumin supplementation enhances serum brain-derived neurotrophic factor in adult men and women: a systematic review and dose-response meta-analysis of randomized controlled trials. Nutrition Research, 2019, 69, 1-8.	1.3	30
14	Effects of vitamin D supplementation on depressive symptoms in type 2 diabetes mellitus patients: Randomized placebo-controlled double-blind clinical trial. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2375-2380.	1.8	30
15	Effect of Genistein and L-carnitine and Their Combination on Lipid Profile and Inflammatory Cytokines in Experimental Nephrotic Syndrome. Reports of Biochemistry and Molecular Biology, 2018, 7, 1-8.	0.5	29
16	Evaluation of oxidative stress and total antioxidant capacity in women with general and abdominal adiposity. Obesity Research and Clinical Practice, 2010, 4, e209-e216.	0.8	27
17	Effects of supplementation with omega-3 on insulin sensitivity and non-esterified free fatty acid (NEFA) in type 2 diabetic patients. Arquivos Brasileiros De Endocrinologia E Metabologia, 2014, 58, 335-340.	1.3	27
18	The Effect of n-3 Polyunsaturated Fatty Acids Supplementation on Serum Irisin in Patients with Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled Trial. International Journal of Endocrinology and Metabolism, 2017, 15, e40614.	0.3	27

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19	Crosstalk between circulating peroxisome proliferator-activated receptor gamma, adipokines and metabolic syndrome in obese subjects. Diabetology and Metabolic Syndrome, 2013, 5, 79.	1.2	25
20	Association of nesfatin-1 level with body composition, dietary intake and resting metabolic rate in obese and morbid obese subjects. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2015, 9, 292-298.	1.8	25
21	The Effect of Vitamin D3 Supplementation on Serum BDNF, Dopamine, and Serotonin in Children with Attention-Deficit/Hyperactivity Disorder. CNS and Neurological Disorders - Drug Targets, 2019, 18, 496-501.	0.8	25
22	Vitamin D increases IGF-I and insulin levels in experimental diabetic rats. Growth Hormone and IGF Research, 2017, 36, 57-59.	0.5	24
23	The effects of vitamin D supplementation on interictal serum levels of calcitonin gene-related peptide (CGRP) in episodic migraine patients: post hoc analysis of a randomized double-blind placebo-controlled trial. Journal of Headache and Pain, 2020, 21, 22.	2.5	24
24	Molecular Mechanisms of Curcumin in Neuroinflammatory Disorders: A Mini Review of Current Evidences. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 247-258.	0.6	24
25	Effect of omega-3 supplementation versus placebo on acylation stimulating protein receptor gene expression in type 2 diabetics. Journal of Diabetes and Metabolic Disorders, 2014, 13, 1.	0.8	23
26	The Effects of Ginger on Fasting Blood Sugar, Hemoglobin A1c, and Lipid Profiles in Patients with Type 2 Diabetes. International Journal of Endocrinology and Metabolism, 2017, In Press, e57927.	0.3	23
27	Effects of vitamin D supplementation on advanced glycation end products signaling pathway in T2DM patients: a randomized, placebo-controlled, double blind clinical trial. Diabetology and Metabolic Syndrome, 2019, 11, 86.	1.2	23
28	Effect of coenzyme Q10 supplementation on clinical features of migraine: a systematic review and dose–response meta-analysis of randomized controlled trials. Nutritional Neuroscience, 2020, 23, 868-875.	1.5	23
29	The Effect of Repeated Blood Donations on the Iron Status of Iranian Blood Donors Attending the Iranian Blood Transfusion Organization. International Journal for Vitamin and Nutrition Research, 2006, 76, 132-137.	0.6	21
30	The effects of nano-curcumin supplementation on Th1/Th17 balance in migraine patients: A randomized controlled clinical trial. Complementary Therapies in Clinical Practice, 2020, 41, 101256.	0.7	21
31	Effects of vitamin D supplementation on circulatory YKL-40 and MCP-1 biomarkers associated with vascular diabetic complications: A randomized, placebo-controlled, double-blind clinical trial. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2873-2877.	1.8	20
32	Beneficial effects of n-3 polyunsaturated fatty acids on adiponectin levels and AdipoR gene expression in patients with type 2 diabetes mellitus: a randomized, placebo-controlled, double-blind clinical trial. Archives of Medical Science, 2017, 4, 716-724.	0.4	19
33	Effects of L-carnitine supplementation on biomarkers of oxidative stress, antioxidant capacity and lipid profile, in patients with pemphigus vulgaris: a randomized, double-blind, placebo-controlled trial. European Journal of Clinical Nutrition, 2018, 72, 99-104.	1.3	19
34	Effect of conjugated linoleic Acid, vitamin e, alone or combined on immunity and inflammatory parameters in adults with active rheumatoid arthritis: a randomized controlled trial. International Journal of Preventive Medicine, 2014, 5, 1567-77.	0.2	19
35	Vitamin D downregulates key genes of diabetes complications in cardiomyocyte. Journal of Cellular Physiology, 2019, 234, 21352-21358.	2.0	18
36	Vitamin D3 might improve headache characteristics and protect against inflammation in migraine: a randomized clinical trial. Neurological Sciences, 2020, 41, 1183-1192.	0.9	18

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37	Association between dietary intake of some antioxidant micronutrients with some inflammatory and antioxidant markers in active Rheumatoid Arthritis patients. International Journal for Vitamin and Nutrition Research, 2019, 89, 238-245.	0.6	18
38	Dietary ï‰-3 polyunsaturated fatty acid intake modulates impact of Insertion/Deletion polymorphism of ApoB gene on obesity risk in type 2 diabetic patients. Nutrition, 2016, 32, 1110-1115.	1.1	17
39	Effect of Eicosapentaenoic acid (EPA) supplementation on cardiovascular markers in patients with type 2 diabetes mellitus: A randomized, double-blind, placebo-controlled trial. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 411-415.	1.8	17
40	Anti-Neuroinflammatory Properties of n-3 Fatty Acids and Nano- Curcumin on Migraine Patients from Cellular to Clinical Insight: A Randomized, Double-Blind and Placebo-Controlled Trial. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 365-373.	0.6	17
41	Effects of administration of omega-3 fatty acids with or without vitamin E supplementation on adiponectin gene expression in PBMCs and serum adiponectin and adipocyte fatty acid-binding protein levels in male patients with CAD. Anatolian Journal of Cardiology, 2015, 15, 981-989.	0.5	17
42	ï‰-3 fatty acid differentially modulated serum levels of IGF1 and IGFBP3 in men with CVD: A randomized, double-blind placebo-controlled study. Nutrition, 2015, 31, 480-484.	1.1	16
43	Effects of DHA-enriched fish oil on monocyte/macrophage activation marker sCD163, asymmetric dimethyl arginine, and insulin resistance in type 2 diabetic patients. Journal of Clinical Lipidology, 2016, 10, 798-807.	0.6	16
44	Probiotics improve insulin resistance status in an experimental model of Alzheimer's disease. Medical Journal of the Islamic Republic of Iran, 2017, 31, 699-704.	0.9	16
45	The omega-3 and Nano-curcumin effects on vascular cell adhesion molecule (VCAM) in episodic migraine patients: a randomized clinical trial. BMC Research Notes, 2021, 14, 283.	0.6	16
46	Omega-3 Fatty Acid Could Increase One of Myokines in Male Patients with Coronary Artery Disease: A Randomized, Double-Blind, Placebo-Controlled Trial. Archives of Iranian Medicine, 2017, 20, 28-33.	0.2	16
47	APOA II genotypes frequency and their interaction with saturated fatty acids consumption on lipid profile of patients with type 2 diabetes. Clinical Nutrition, 2016, 35, 907-911.	2.3	15
48	DHA-enriched fish oil upregulates cyclin-dependent kinase inhibitor 2A (P16INK) expression and downregulates telomerase activity without modulating effects of PPARI ³ Pro12Ala polymorphism in type 2 diabetic patients: A randomized, double-blind, placebo-controlled clinical trial. Clinical Nutrition, 2018, 37, 91-98.	2.3	13
49	Effect of Eicosapentaenoic Acid Supplementation on Paraoxonase 2 Gene Expression in Patients with Type 2 Diabetes Mellitus: a Randomized Double-blind Clinical Trial. Clinical Nutrition Research, 2019, 8, 17.	0.5	13
50	The interaction between apolipoprotein B insertion/deletion polymorphism and macronutrient intake on lipid profile and serum leptin and ghrelin levels in type 2 diabetes mellitus patients. European Journal of Nutrition, 2019, 58, 1055-1065.	1.8	13
51	The Effect of Nano-Curcumin Supplementation on Pentraxin 3 Gene Expression and Serum Level in Migraine Patients. Reports of Biochemistry and Molecular Biology, 2020, 9, 1-7.	0.5	13
52	Molecular mechanisms of omega-3 fatty acids in the migraine headache. Iranian Journal of Neurology, 2017, 16, 210-217.	0.5	13
53	<i>APO A2 -265T</i> /C Polymorphism Is Associated with Increased Inflammatory Responses in Patients with Type 2 Diabetes Mellitus. Diabetes and Metabolism Journal, 2016, 40, 222.	1.8	12
54	Serum C1q and tumor necrosis factor (TNF)-related protein 9 in women with Polycystic Ovary Syndrome. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2016, 10, S131-S134.	1.8	12

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55	Effects of EPA and Vitamin E on Serum Enzymatic Antioxidants and Peroxidation Indices in Patients with Type II Diabetes Mellitus. Iranian Journal of Public Health, 2010, 39, 82-91.	0.3	12
56	The effects of nano-curcumin supplementation on adipokines levels in obese and overweight patients with migraine: a double blind clinical trial study. BMC Research Notes, 2022, 15, .	0.6	12
57	Switching from high-fat diet to foods containing resveratrol as a calorie restriction mimetic changes the architecture of arcuate nucleus to produce more newborn anorexigenic neurons. European Journal of Nutrition, 2019, 58, 1687-1701.	1.8	11
58	Evaluation of Vitamin D Status in Newly Diagnosed Pemphigus Vulgaris Patients. Iranian Journal of Public Health, 2014, 43, 1544-9.	0.3	11
59	Relationship between blood donors' iron status and their age, body mass index and donation frequency. Sao Paulo Medical Journal, 2013, 131, 377-383.	0.4	10
60	Differences in the interaction between CETP Taq1B polymorphism and dietary fat intake on lipid profile of normolipedemic and dyslipidemic patients with type 2 diabetes mellitus. Clinical Nutrition, 2018, 37, 270-275.	2.3	10
61	Effect of probiotic supplementation on migraine prophylaxis: a systematic review and meta-analysis of randomized controlled trials. Nutritional Neuroscience, 2022, 25, 511-518.	1.5	9
62	The effects of vitamin D3 supplementation on TGF- \hat{l}^2 and IL-17 serum levels in migraineurs: post hoc analysis of a randomized clinical trial. Journal of Pharmaceutical Health Care and Sciences, 2021, 7, 9.	0.4	9
63	Various Effects of Omega 3 and Omega 3 Plus Vitamin E Supplementations on Serum Glucose Level and Insulin Resistance in Patients with Coronary Artery Disease. Iranian Journal of Public Health, 2016, 45, 1465-1472.	0.3	9
64	Effects of DHA Supplementation on Vascular Function, Telomerase Activity in PBMC, Expression of Inflammatory Cytokines, and PPARγ-LXRα-ABCA1 Pathway in Patients With Type 2 Diabetes Mellitus: Study Protocol for Randomized Controlled Clinical Trial. Acta Medica Iranica, 2016, 54, 410-7.	0.8	9
65	The Effect of Eicosapentaenoic Acid on the Serum Levels and Enzymatic Activity of Paraoxonase 1 in the Patients With Type 2 Diabetes Mellitus. Acta Medica Iranica, 2017, 55, 486-495.	0.8	9
66	Association between ApoA-II -265T/C polymorphism and oxidative stress in patients with type 2 diabetes mellitus. Journal of Diabetes and Its Complications, 2015, 29, 908-912.	1.2	8
67	CLA Has a Useful Effect on Bone Markers in Patients with Rheumatoid Arthritis. Lipids, 2016, 51, 1397-1405.	0.7	8
68	Effects of Omega-3 Fatty Acids Supplement on Antioxidant Enzymes Activity in Type 2 Diabetic Patients. Iranian Journal of Public Health, 2016, 45, 340-5.	0.3	8
69	Lipid peroxidation and antioxidant enzymes activity in controlled and uncontrolled Type 2 diabetic patients. ARYA Atherosclerosis, 2016, 12, 118-123.	0.4	8
70	The Effect of Vitamin D on Cellular Pathways of Diabetic Nephropathy. Reports of Biochemistry and Molecular Biology, 2019, 7, 217-222.	0.5	8
71	Resveratrol promotes the arcuate nucleus architecture remodeling to produce more anorexigenic neurons in high-fat-diet–fed mice. Nutrition, 2018, 50, 49-59.	1.1	7
72	Effect of vitamin D supplementation on CREB-TrkB-BDNF pathway in the hippocampus of diabetic rats. Iranian Journal of Basic Medical Sciences, 2020, 23, 117-123.	1.0	7

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73	Resolvin D1 impacts on insulin resistance in women with polycystic ovary syndrome and healthy women. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 660-664.	1.8	6
74	Vitamin D3 supplementation improves serum SFRP5 and Wnt5a levels in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial. International Journal for Vitamin and Nutrition Research, 2018, 88, 73-79.	0.6	6
75	Quercetina Melhora o Perfil LipÃdico e Apolipoproteico em Ratos Tratados com Glicocorticóides em Altas Doses. Arquivos Brasileiros De Cardiologia, 2020, 115, 102-108.	0.3	6
76	Are Serum Levels of F2-Isoprostane and Oxidized-LDL Related to Vitamin D Status in Type 2 Diabetic Patients? A Case-Control Study. Reports of Biochemistry and Molecular Biology, 2016, 5, 26-32.	0.5	6
77	The Effect of Omega-3 Fatty Acids on Serum Apelin Levels in Cardiovascular Disease: A Randomized, Double-Blind, Placebo-Controlled Trial. Reports of Biochemistry and Molecular Biology, 2018, 7, 59-66.	0.5	6
78	The Effect of Vitamin D Supplementation on Serum and Muscle Irisin Levels, and FNDC5 Expression in Diabetic Rats. Reports of Biochemistry and Molecular Biology, 2019, 8, 236-243.	0.5	6
79	Erythrocyte membrane saturated fatty acids profile in newly diagnosed Basal Cell Carcinoma patients. Clinical Nutrition ESPEN, 2018, 23, 107-111.	0.5	5
80	The effect of <scp> </scp> â€carnitine supplementation on serum levels of omentinâ€1, visfatin and SFRP5 and glycemic indices in patients with pemphigus vulgaris: A randomized, doubleâ€blind, placeboâ€controlled clinical trial. Phytotherapy Research, 2020, 34, 859-866.	2.8	5
81	Effects of vitamin A, C and E, or omega-3 fatty acid supplementation on the level of paraoxonase and arylesterase activity in streptozotocin-induced diabetic rats: an investigation of activities in plasma, and heart and liver homogenates. Singapore Medical Journal, 2016, 57, 153-156.	0.3	5
82	Vitamin D suppresses cellular pathways of diabetes complication in liver. Iranian Journal of Basic Medical Sciences, 2019, 22, 690-694.	1.0	5
83	Long Chain n-3 Fatty Acids Improve Depression Syndrome in Type 2 Diabetes Mellitus. Iranian Journal of Public Health, 2018, 47, 575-583.	0.3	5
84	The effects of nano-curcumin supplementation on Th2/tregulatory axis in migraine patients: a randomized, double-blind, placebo-controlled trial. International Journal of Neuroscience, 2023, 133, 169-175.	0.8	4
85	Effect of Vitamin E Supplementation on Plasma and Urine Levels of Isoprostane F2α in Randomized Controlled Clinical Trials: A Systematic Review and Meta-Analysis. International Journal for Vitamin and Nutrition Research, 2017, 87, 314-321.	0.6	4
86	Effect of Genistein and L-Carnitine and Their Combination on Gene Expression of Hepatocyte HMG-COA Reductase and LDL Receptor in Experimental Nephrotic Syndrome. Iranian Journal of Public Health, 2015, 44, 1339-47.	0.3	4
87	Omega-3 fatty acids and vitamin E supplementation can affect gene expressions of SIRT1, FOXO1 and UCP-2 in coronary artery disease patients. Obesity Medicine, 2019, 15, 100116.	0.5	3
88	A study of lipid- and protein- bound sialic acids for the diagnosis of bladder cancer and their relationships with the severity of malignancy. Reports of Biochemistry and Molecular Biology, 2014, 2, 70-5.	0.5	3
89	Evaluation of the Level of Zinc and Malondialdehyde in Basal Cell Carcinoma. Iranian Journal of Public Health, 2017, 46, 1104-1109.	0.3	3
90	The Effects of Nano-curcumin Supplementation on Leptin and Adiponectin in Migraine Patients: A Double-blind Clinical Trial Study from Gene Expression to Clinical Symptoms. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2023, 23, 711-720.	0.6	3

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91	Evaluation of the Effect of Vitamin D Supplementation on Anthropometric Indicators and Dietary Intake of Patients with Type 2 Diabetes. Reports of Biochemistry and Molecular Biology, 2021, 9, 490-497.	0.5	2
92	Retinol and \hat{l}_{\pm} -Tocopherol Levels in the Serum and Subcutaneous Adipose Tissue of Newly Diagnosed Basal Cell Carcinoma Patients. Iranian Journal of Public Health, 2019, 48, 1838-1846.	0.3	2
93	Smoking Discriminately Changes the Serum Active and Non-Active Forms of Vitamin B12. Acta Medica Iranica, 2017, 55, 389-394.	0.8	2
94	Erythrocyte Membrane Unsaturated (Mono and Poly) Fatty Acids Profile in Newly Diagnosed Basal Cell Carcinoma Patients. Clinical Nutrition Research, 2018, 7, 21.	0.5	1
95	Effect of Omega-3 Supplementation on Lipocalin 2 and Retinol-Binding Protein 4 in Type 2 Diabetic Patients. Iranian Journal of Public Health, 2016, 45, 179-85.	0.3	1
96	Vitamin D status of type 2 diabetic patients compared with healthy subjects in the Islamic Republic of Iran. Eastern Mediterranean Health Journal, 2014, 19 Suppl 3, S6-S11.	0.3	1
97	Effects of combined supplementation with EPA and vitamin E on the inflammatory response and oxidative capacity of male basketball players. Proceedings of the Nutrition Society, 2008, 67, .	0.4	O
98	Effects of vitamin D on serum levels and gene expression of enzymes aldose reductase, o-linked n-acetyl glucosamine transferase and glutamine fructose-6-phosphate aminotransferase in patients with type 2 diabetes: a randomized, double blind, placebo controlled clinical trial. International Journal of Food Properties, 2021, 24, 337-345.	1.3	0
99	Evaluation of oxidative stress factors and lipid profile in patients suffered from stroke heart disease with coronary artery obstruction. Journal of Preventive Epidemiology, 2021, 6, e29-e29.	0.1	O
100	Effects of combined supplementation with EPA and vitamin E on the inflammatory response and oxidative capacity of male basketball players. Proceedings of the Nutrition Society, 2008, 67, .	0.4	0
101	Effect of Omega-3 Supplementation on Lipocalin 2 and Retinol-Binding Protein 4 in Type 2 Diabetic Patients. Iranian Journal of Public Health, 2016, 45, 63-9.	0.3	O