

Tirang Reza Neyestani

List of Publications by Year in descending order

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104
papers

2,369
citations

218677

26
h-index

243625

44
g-index

113
all docs

113
docs citations

113
times ranked

3152
citing authors

#	ARTICLE	IF	CITATIONS
1	Daily consumption of vitamin D ²⁵ or vitamin D + calcium ²⁵ fortified yogurt drink improved glycemic control in patients with type 2 diabetes: a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 764-771.	4.7	236
2	Regular consumption of vitamin D-fortified yogurt drink (Doogh) improved endothelial biomarkers in subjects with type 2 diabetes: a randomized double-blind clinical trial. <i>BMC Medicine</i> , 2011, 9, 125.	5.5	129
3	Improvement of vitamin D status resulted in amelioration of biomarkers of systemic inflammation in the subjects with type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2012, 28, 424-430.	4.0	110
4	Improvement of Vitamin D Status via Daily Intake of Fortified Yogurt Drink Either with or without Extra Calcium Ameliorates Systemic Inflammatory Biomarkers, including Adipokines, in the Subjects with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2005-2011.	3.6	108
5	High prevalence of vitamin D deficiency in school-age children in Tehran, 2008: a red alert. <i>Public Health Nutrition</i> , 2012, 15, 324-330.	2.2	87
6	Development of gluten-free flat bread using hydrocolloids: Xanthan and CMC. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1812-1818.	5.8	85
7	Isolation of β -lactalbumin, β -lactoglobulin, and bovine serum albumin from cow's milk using gel filtration and anion-exchange chromatography including evaluation of their antigenicity. <i>Protein Expression and Purification</i> , 2003, 29, 202-208.	1.3	77
8	Physiological dose of lycopene suppressed oxidative stress and enhanced serum levels of immunoglobulin M in patients with Type 2 diabetes mellitus: A possible role in the prevention of long-term complications. <i>Journal of Endocrinological Investigation</i> , 2007, 30, 833-838.	3.3	68
9	Vitamin D Receptor <i>VDR</i> Polymorphism Modulates Diabetic Host Response to Vitamin D Intake. <i>Diabetes Care</i> , 2013, 36, 550-556.	8.6	65
10	Oxidative stress, type 2 diabetes and vitamin D: past, present and future. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 260-267.	4.0	65
11	Development of gluten-free bread using guar gum and transglutaminase. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 1398-1402.	5.8	55
12	Effects of vitamin D supplementation on depression and some involved neurotransmitters. <i>Journal of Affective Disorders</i> , 2020, 269, 28-35.	4.1	53
13	OCCURRENCE OF AFLATOXIN M1 IN RAW MILK DURING THE SUMMER AND WINTER SEASONS IN HAMEDAN, IRAN. <i>Journal of Food Safety</i> , 2007, 27, 188-198.	2.3	47
14	Determination of Serum 25-hydroxy Cholecalciferol Using High-Performance Liquid Chromatography: A Reliable Tool for Assessment of Vitamin D Status. <i>International Journal for Vitamin and Nutrition Research</i> , 2007, 77, 341-346.	1.5	46
15	Effects of pomegranate juice consumption on oxidative stress in patients with type 2 diabetes: a single-blind, randomized clinical trial. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 249-255.	2.8	46
16	Daily intake of vitamin D ²⁵ or calcium ²⁵ vitamin D ²⁵ fortified Persian yogurt drink <i>(doogh)</i> attenuates diabetes-induced oxidative stress: evidence for antioxidative properties of vitamin D. <i>Journal of Human Nutrition and Dietetics</i> , 2014, 27, 276-283.	2.5	44
17	Regular Daily Intake of Black Tea Improves Oxidative Stress Biomarkers and Decreases Serum C-Reactive Protein Levels in Type 2 Diabetic Patients. <i>Annals of Nutrition and Metabolism</i> , 2010, 57, 40-49.	1.9	43
18	Vitamin D-Fortified Bread Is as Effective as Supplement in Improving Vitamin D Status: A Randomized Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2511-2519.	3.6	43

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19	Vitamin D Status, Latitude and their Associations with Some Health Parameters in Children: National Food and Nutrition Surveillance. <i>Journal of Tropical Pediatrics</i> , 2017, 63, 57-64.	1.5	36
20	Regular Consumption of Both Vitamin D ⁺ and Calcium- and Vitamin D ⁺ Fortified Yogurt Drink Is Equally Accompanied by Lowered Blood Lipoprotein (a) and Elevated Apoprotein A1 in Subjects with Type 2 Diabetes: A Randomized Clinical Trial. <i>Journal of the American College of Nutrition</i> , 2013, 32, 26-30.	1.8	32
21	The interactive effect of improvement of vitamin D status and VDR FokI variants on oxidative stress in type 2 diabetic subjects: a randomized controlled trial. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 216-222.	2.9	31
22	Calcium+vitamin D-fortified milk is as effective on circulating bone biomarkers as fortified juice and supplement but has less acceptance: a randomised controlled school-based trial. <i>Journal of Human Nutrition and Dietetics</i> , 2014, 27, 606-616.	2.5	30
23	Vitamin D receptor Cdx-2-dependent response of central obesity to vitamin D intake in the subjects with type 2 diabetes: a randomised clinical trial. <i>British Journal of Nutrition</i> , 2015, 114, 1375-1384.	2.3	30
24	Vitamin D and serum leptin: a systematic review and meta-analysis of observational studies and randomized controlled trials. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 1144-1153.	2.9	29
25	Vitamin C Status in Iranian Children With Acute Lymphoblastic Leukemia: Evidence for Increased Utilization. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007, 45, 141-144.	1.8	28
26	Selective effects of tea extract and its phenolic compounds on human peripheral blood mononuclear cell cytokine secretions. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 79-88.	2.8	26
27	Characterisation of spray-dried microparticles containing iron coated by pectin/resistant starch. <i>International Journal of Food Science and Technology</i> , 2014, 49, 1736-1742.	2.7	23
28	Î±-Tocopherol supplementation reduces biomarkers of oxidative stress in children with Down syndrome: a randomized controlled trial. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 1119-1123.	2.9	23
29	Elevated Bioactivity of the Tolerogenic Cytokines, Interleukin-10 and Transforming Growth Factor-Î², in the Blood of Acutely Malnourished Weanling Mice. <i>Experimental Biology and Medicine</i> , 2006, 231, 1439-1447.	2.4	22
30	The Effect of Repeated Blood Donations on the Iron Status of Iranian Blood Donors Attending the Iranian Blood Transfusion Organization. <i>International Journal for Vitamin and Nutrition Research</i> , 2006, 76, 132-137.	1.5	21
31	Efficacy of vitamin D3-fortified-yogurt drink on anthropometric, metabolic, inflammatory and oxidative stress biomarkers according to vitamin D receptor gene polymorphisms in type 2 diabetic patients: a study protocol for a randomized controlled clinical trial. <i>BMC Endocrine Disorders</i> , 2011, 11, 12.	2.2	21
32	Efficacy of two different doses of oral vitamin D supplementation on inflammatory biomarkers and maternal and neonatal outcomes. <i>Maternal and Child Nutrition</i> , 2019, 15, e12867.	3.0	21
33	Prevalence of Obesity and Overweight and Its Associated Factors in Urban Adults from West Azerbaijan, Iran: The National Food and Nutritional Surveillance Program (NFNSP). <i>Nutrition and Food Sciences Research</i> , 2016, 3, 21-26.	0.8	21
34	Social factors and pregnancy weight gain in relation to infant birth weight: a study in public health centers in Rasht, Iran. <i>European Journal of Clinical Nutrition</i> , 2005, 59, 1208-1212.	2.9	20
35	Vitamin D Insufficiency Among Postmenopausal Women in Urban and Rural Areas in Guilan, Northern Iran. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2009, 28, 386-393.	1.0	19
36	An adapted Household Food Insecurity Access Scale is a valid tool as a proxy measure of food access for use in urban Iran. <i>Food Security</i> , 2014, 6, 275-282.	5.3	19

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37	Harmonization of serum 25-hydroxycalciferol assay results from high-performance liquid chromatography, enzyme immunoassay, radioimmunoassay, and immunochemiluminescence systems: A multicenter study. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, .	2.1	19
38	Fortification aspects of vitamin D in dairy products: A review study. <i>International Dairy Journal</i> , 2019, 94, 53-64.	3.0	19
39	Selective Microbiologic Effects of Tea Extract on Certain Antibiotics Against <i>Escherichia coli</i> In Vitro. <i>Journal of Alternative and Complementary Medicine</i> , 2007, 13, 1119-1124.	2.1	18
40	High Occurrence of Food Insecurity among Urban Afghan Refugees in Pakdasht, Iran 2008: A Cross-sectional Study. <i>Ecology of Food and Nutrition</i> , 2015, 54, 187-199.	1.6	18
41	Calcium Intake, Major Dietary Sources and Bone Health Indicators in Iranian Primary School Children. <i>Iranian Journal of Pediatrics</i> , 2015, 25, e177.	0.3	17
42	Consumption of vitamin D-fortified yogurt drink increased leptin and ghrelin levels but reduced leptin to ghrelin ratio in type 2 diabetes patients: a single blind randomized controlled trial. <i>European Journal of Nutrition</i> , 2017, 56, 2029-2036.	3.9	17
43	Vitamin D status and cardiometabolic risk factors across latitudinal gradient in Iranian adults: National food and nutrition surveillance. <i>Nutrition and Health</i> , 2017, 23, 87-94.	1.5	17
44	Is vitamin D status a determining factor for metabolic syndrome? A case-control study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2011, 4, 205.	2.4	16
45	Efficacy of Vitamin D supplementation in physical performance of Iranian elite athletes. <i>International Journal of Preventive Medicine</i> , 2019, 10, 100.	0.4	16
46	Blood Concentrations of Th2-Type Immunoglobulins are Selectively Increased in Weanling Mice Subjected to Acute Malnutrition. <i>Experimental Biology and Medicine</i> , 2005, 230, 128-134.	2.4	15
47	Long-Term Consequences of Iron-Fortified Flour Consumption in Nonanemic Men. <i>Annals of Nutrition and Metabolism</i> , 2012, 60, 115-121.	1.9	15
48	Mother's Self-Efficacy Mediates the Relationship Between Household Food Insecurity and Maternal Infant Feeding Styles. <i>Maternal and Child Health Journal</i> , 2016, 20, 602-612.	1.5	14
49	Validity and reliability of a dish-based semi-quantitative food frequency questionnaire for assessment of energy and nutrient intake among Iranian adults. <i>BMC Research Notes</i> , 2020, 13, 95.	1.4	13
50	The opposite associations of lycopene and body fat mass with humoral immunity in type 2 diabetes mellitus: a possible role in atherogenesis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2007, 6, 79-87.	0.4	13
51	Poor vitamin D status increases the risk of anemia in school children: National Food and Nutrition Surveillance. <i>Nutrition</i> , 2018, 47, 69-74.	2.4	12
52	Effects of non-digestive polymers used in iron encapsulation on calcium and iron apparent absorption in rats fed by infant formula. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 393-398.	3.0	12
53	Insulin metabolism markers are predictors of subclinical atherosclerosis among overweight and obese children and adolescents. <i>BMC Pediatrics</i> , 2018, 18, 368.	1.7	11
54	A Vitamin D-Calcium-Fortified Yogurt Drink Decreased Serum PTH but did not Affect Osteocalcin in Subjects with Type 2 Diabetes. <i>International Journal for Vitamin and Nutrition Research</i> , 2015, 85, 61-69.	1.5	11

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55	Black and green teas may have selective synergistic or antagonistic effects on certain antibiotics against <i>Streptococcus pyogenes</i> in vitro. <i>Journal of Nutritional and Environmental Medicine</i> , 2007, 16, 258-266.	0.1	10
56	Vitamin D status and the predictors of circulating T helper 1-type immunoglobulin levels in Iranian subjects with type 1 diabetes and their siblings: a case-control study. <i>Journal of Human Nutrition and Dietetics</i> , 2012, 25, 365-372.	2.5	10
57	The Effect of Iron-Vitamin C Co-supplementation on Biomarkers of Oxidative Stress in Iron-Deficient Female Youth. <i>Biological Trace Element Research</i> , 2013, 153, 171-177.	3.5	10
58	Efficacy of commercial formulas in comparison with home-made formulas for enteral feeding: A critical review. <i>Medical Journal of the Islamic Republic of Iran</i> , 2017, 31, 319-326.	0.9	10
59	The effects of vitamin D-fortified foods on circulating 25(OH)D concentrations in adults: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2022, 127, 1821-1838.	2.3	10
60	Healthy changes in some cardiometabolic risk factors accompany the higher summertime serum 25-hydroxyvitamin D concentrations in Iranian children: National Food and Nutrition Surveillance. <i>Public Health Nutrition</i> , 2018, 21, 2013-2021.	2.2	9
61	Vitamin D-fortified cooking oil is an effective way to improve vitamin D status: an institutional efficacy trial. <i>European Journal of Nutrition</i> , 2020, 59, 2547-2555.	3.9	9
62	Vitamin D Receptor Gene Polymorphisms, Metabolic Syndrome, and Type 2 Diabetes in Iranian Subjects: No Association with Observed SNPs. <i>International Journal for Vitamin and Nutrition Research</i> , 2016, 86, 71-80.	1.5	9
63	Changes in fast food intake in Iranian households during the lockdown period caused by COVID-19 virus emergency, National Food and Nutrition Surveillance. <i>Food Science and Nutrition</i> , 2022, 10, 39-48.	3.4	9
64	Bacteriostatic effect of dill, fennel, caraway and cinnamon extracts against <i>Helicobacter pylori</i> . <i>Journal of Nutritional and Environmental Medicine</i> , 2005, 15, 47-55.	0.1	8
65	Iron-fortified flour: can it induce lipid peroxidation?. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 649-654.	2.8	8
66	A comprehensive overview on the effects of green tea on anthropometric measures, blood pressure, glycemic and lipidemic status: An umbrella review and meta meta-analysis study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 2026-2040.	2.6	8
67	Predictors of Serum Levels of High Sensitivity C-Reactive Protein and Systolic Blood Pressure in Overweight and Obese Nondiabetic Women in Tehran: A Cross-Sectional Study. <i>Metabolic Syndrome and Related Disorders</i> , 2011, 9, 41-47.	1.3	7
68	Evidence for augmented oxidative stress in the subjects with type 1 diabetes and their siblings: a possible preventive role for antioxidants. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 1054-1058.	2.9	7
69	Evaluation of the efficacy of two doses of vitamin D supplementation on glycemic, lipidemic and oxidative stress biomarkers during pregnancy: a randomized clinical trial. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 619.	2.4	7
70	Household food insecurity, mother's feeding practices, and the early childhood's iron status. <i>International Journal of Preventive Medicine</i> , 2015, 6, 86.	0.4	7
71	COVID-19 Epidemic-Induced Changes of Dietary Intake of Iran Population During Lockdown Period: The Study Protocol National Food and Nutrition Surveillance. <i>Nutrition and Food Sciences Research</i> , 2021, 8, 1-4.	0.8	6
72	The effect of daily intake of vitamin D-fortified yogurt drink, with and without added calcium, on serum adiponectin and sirtuins 1 and 6 in adult subjects with type 2 diabetes. <i>Nutrition and Diabetes</i> , 2021, 11, 26.	3.2	6

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73	Nutritional status of the Iranian children with physical disability: a cross-sectional study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2010, 19, 223-30.	0.4	6
74	Formulation and Development of a New Prebiotic Cereal-based Dairy Dessert: Rheological, Sensory and Physical Attributes. <i>Food Science and Technology Research</i> , 2017, 23, 637-649.	0.6	5
75	Can vitamin D be considered an adiponectin secretagogue? A systematic review and meta-analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 212, 105925.	2.5	5
76	Polyphenols and Immunity. , 2008, , 413-434.		5
77	Vitamin D, oxidative stress, and diabetes: crossroads for new therapeutic approaches. , 2020, , 385-395.		5
78	The Prevalence of Zinc Deficiency and its Correlation with Iron Status and Economical Living Area in 9-12-Year-Old Children. <i>International Journal for Vitamin and Nutrition Research</i> , 2016, 86, 18-26.	1.5	5
79	Association of circulating 25-hydroxyvitamin D and parathyroid hormone with carotid intima media thickness in children and adolescents with excess weight. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 188, 117-123.	2.5	4
80	Evaluation of Iron Bioavailability in Caco-2 cell Culture Model: Modification of the Original Method. <i>Nutrition and Food Sciences Research</i> , 2016, 3, 11-16.	0.8	4
81	Competitive protein-binding assay-based enzyme-immunoassay method, compared to high-pressure liquid chromatography, has a very lower diagnostic value to detect vitamin d deficiency in 9-12 years children. <i>International Journal of Preventive Medicine</i> , 2015, 6, 64.	0.4	4
82	Determination of the actual height predictors in Iranian healthy children. <i>Acta Medica Iranica</i> , 2011, 49, 173-8.	0.8	4
83	Improvement of vitamin D status through consumption of either fortified food products or supplement pills increased hemoglobin concentration in adult subjects: Analysis of pooled data from two randomized clinical trials. <i>Nutrition and Health</i> , 2022, , 026010602210853.	1.5	4
84	Vitamin D, Oxidative Stress and Diabetes. , 2014, , 111-120.		3
85	Higher bioavailability of iron from whole wheat bread compared with iron-fortified white breads in caco-2 cell model: an experimental study. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2541-2546.	3.5	3
86	Effects of Vitamin D Supplementation on Depression Status, Selected Pro-inflammatory Biomarkers and Neurotransmitters in Depressive Patients: A Study Protocol. <i>Nutrition and Food Sciences Research</i> , 2019, 6, 1-7.	0.8	3
87	Vitamin D and Skin Cancer: Meet Sunshine Halfway. , 2013, , 257-268.		3
88	Metabolic Syndrome and Its Components are Linked with Increased Risk of Non-Melanoma Skin Cancers in Iranian Subjects: A Case-Control Study. <i>Nutrition and Cancer</i> , 2022, 74, 2451-2459.	2.0	3
89	Modulating effect of vitamin D status on serum anti-adenovirus 36 antibody amount in children with obesity: National Food and Nutrition Surveillance. <i>BMC Pediatrics</i> , 2020, 20, 316.	1.7	2
90	Effectiveness of various methods of home fortification in under-5 children: where they work, where they do not. A systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2021, 79, 445-461.	5.8	2

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91	Daily intake of yogurt drink fortified either with vitamin D alone or in combination with added calcium causes a thyroid-independent increase of resting metabolic rate in adults with type 2 diabetes: a randomized, double-blind, clinical trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1363-1369.	1.9	2
92	How Much Does Serum 25(OH)D Improve by Vitamin D Supplement and Fortified Food in Children? A Systematic Review and Meta-Analysis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2022, 74, .	1.8	2
93	Immune Alterations in Metabolic Syndrome. , 2013, , 431-450.		2
94	Development of new predictive equations for basal metabolic rate in Iranian healthy adults: negligible effect of sex. <i>International Journal for Vitamin and Nutrition Research</i> , 2020, , 1-10.	1.5	2
95	Using Fortified Milk as a Vehicle for Nutrients. , 2017, , 145-154.		1
96	Evaluation of the Efficacy of Vitamin D Supplementation With Two Different Doses During Pregnancy on Maternal and Cord Blood Vitamin D Status, Metabolic, Inflammatory and Oxidative Stress Biomarkers, and Maternal and Neonatal Outcomes: a Study Protocol. <i>Nutrition and Food Sciences Research</i> , 2018, 5, 3-10.	0.8	1
97	Contribution of vitamin D status as a determinant of cardiometabolic risk factors: a structural equation model, <i>National Food and Nutrition Surveillance. BMC Public Health</i> , 2021, 21, 1819.	2.9	1
98	Development of New Predictive Equations to Estimate Basal Metabolic Rates in Iranian Adults: A Study Protocol. <i>Nutrition and Food Sciences Research</i> , 2019, 6, 1-4.	0.8	1
99	Are there Relationships between the VDR-FokI Polymorphism and Vitamin D and the Insulin Resistance in Non-melanoma Skin Cancer (NMSC) Patients? A Protocol for Case-control Studies. <i>Nutrition and Food Sciences Research</i> , 2020, 7, 1-7.	0.8	1
100	Development of a dish-based food frequency questionnaire for Iranian population. <i>Medical Journal of the Islamic Republic of Iran</i> , 2020, 34, 129.	0.9	1
101	The Analysis of Trends of Preschool Child Stunting, Wasting and Overweight in the Eastern Mediterranean Region: Still More Effort Needed to Reach Global Targets 2025. <i>Journal of Tropical Pediatrics</i> , 2022, 68, .	1.5	1
102	Is Multiple Sclerosis a Sun Deprivation Disease?. , 2015, , 481-494.		0
103	SP392 Evaluation of Serum Levels of 25-hydroxy vitamin D and 1,25-dihydroxy vitamin D in Maintenance Hemodialysis Patients. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	0
104	Exploring health and nutrition stakeholders' expectations and perception toward establishment of the Food and Nutrition Surveillance in Iran. <i>International Journal of Health Planning and Management</i> , 2021, 36, 885-895.	1.7	0