

Maryam Tayefi

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,456
citations

361413
20
h-index

414414
32
g-index

79
all docs

79
docs citations

79
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	hs-CRP is strongly associated with coronary heart disease (CHD): A data mining approach using decision tree algorithm. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 141, 105-109.	4.7	102
2	Depression and anxiety both associate with serum level of hs-CRP: A gender-stratified analysis in a population-based study. <i>Psychoneuroendocrinology</i> , 2017, 81, 63-69.	2.7	95
3	Depression and anxiety symptoms are associated with white blood cell count and red cell distribution width: A sex-stratified analysis in a population-based study. <i>Psychoneuroendocrinology</i> , 2017, 84, 101-108.	2.7	78
4	The application of a decision tree to establish the parameters associated with hypertension. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 139, 83-91.	4.7	69
5	High dose vitamin D supplementation can improve menstrual problems, dysmenorrhea, and premenstrual syndrome in adolescents. <i>Gynecological Endocrinology</i> , 2018, 34, 659-663.	1.7	61
6	Nutrient patterns and their relationship to metabolic syndrome in Iranian adults. <i>European Journal of Clinical Investigation</i> , 2016, 46, 840-852.	3.4	51
7	Association of hematocrit with blood pressure and hypertension. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, .	2.1	51
8	Potential value and impact of data mining and machine learning in clinical diagnostics. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021, 58, 275-296.	6.1	46
9	Depression and anxiety symptoms are associated with prooxidant-antioxidant balance: A population-based study. <i>Journal of Affective Disorders</i> , 2018, 238, 491-498.	4.1	39
10	Oxidative stress and inflammation, two features associated with a high percentage body fat, and that may lead to diabetes mellitus and metabolic syndrome. <i>BioFactors</i> , 2019, 45, 35-42.	5.4	33
11	Association Between Hypertension in Healthy Participants and Zinc and Copper Status: a Population-Based Study. <i>Biological Trace Element Research</i> , 2019, 190, 38-44.	3.5	33
12	Serum and dietary zinc and copper in Iranian girls. <i>Clinical Biochemistry</i> , 2018, 54, 25-31.	1.9	32
13	Abdominal and auricular acupuncture reduces blood pressure in hypertensive patients. <i>Complementary Therapies in Medicine</i> , 2017, 31, 20-26.	2.7	30
14	Interaction between a variant of CDKN2A/B-gene with lifestyle factors in determining dyslipidemia and estimated cardiovascular risk: A step toward personalized nutrition. <i>Clinical Nutrition</i> , 2018, 37, 254-261.	5.0	27
15	High-dose vitamin D supplementation is associated with an improvement in several cardio-metabolic risk factors in adolescent girls: a nine-week follow-up study. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 227-235.	1.6	27
16	Association of high level of hs-CRP with in-stent restenosis: A case-control study. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 583-587.	0.8	25
17	Reduced Serum Levels of Zinc and Superoxide Dismutase in Obese Individuals. <i>Annals of Nutrition and Metabolism</i> , 2016, 69, 232-236.	1.9	24
18	<p></p>Adherence to a Dietary Approach to Stop Hypertension (DASH)-Style in Relation to Daytime Sleepiness<p></p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 325-332.	2.7	24

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19	Impact of Cigarette Smoking on Serum Pro- and Anti-Inflammatory Cytokines and Growth Factors. American Journal of Men's Health, 2017, 11, 1169-1173.	1.6	22
20	Prevalence of combined and noncombined dyslipidemia in an Iranian population. Journal of Clinical Laboratory Analysis, 2018, 32, e22579.	2.1	22
21	The relationship between adherence to a Dietary Approach to Stop Hypertension (DASH) dietary pattern and insomnia. BMC Psychiatry, 2019, 19, 234.	2.6	22
22	Depression in adolescent girls: Relationship to serum vitamins a and E, immune response to heat shock protein 27 and systemic inflammation. Journal of Affective Disorders, 2019, 252, 68-73.	4.1	21
23	Association of a Vascular Endothelial Growth Factor genetic variant with Serum VEGF level in subjects with Metabolic Syndrome. Gene, 2017, 598, 27-31.	2.2	20
24	Association between serum uric acid, high sensitive C-reactive protein and pro-oxidant-antioxidant balance in patients with metabolic syndrome. BioFactors, 2018, 44, 263-271.	5.4	20
25	The association of trace elements with premenstrual syndrome, dysmenorrhea and irritable bowel syndrome in adolescents. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2019, 233, 114-119.	1.1	20
26	Serum high C reactive protein concentrations are related to the intake of dietary macronutrients and fiber: Findings from a large representative Persian population sample. Clinical Biochemistry, 2017, 50, 750-755.	1.9	19
27	Associations of vitamin D binding protein variants with the vitamin D-induced increase in serum 25-hydroxyvitamin D. Clinical Nutrition ESPEN, 2019, 29, 59-64.	1.2	19
28	Anemia is associated with cognitive impairment in adolescent girls: A cross-sectional survey. Applied Neuropsychology: Child, 2020, 9, 165-171.	1.4	19
29	Hookah smoking is strongly associated with diabetes mellitus, metabolic syndrome and obesity: a population-based study. Diabetology and Metabolic Syndrome, 2018, 10, 33.	2.7	17
30	Serum vitamin E as a significant prognostic factor in patients with dyslipidemia disorders. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 666-671.	3.6	17
31	The effects of vitamin D supplementation on indices of glycemic control in Iranian diabetics: A systematic review and meta-analysis. Complementary Therapies in Clinical Practice, 2019, 34, 294-304.	1.7	16
32	Menstrual problems in adolescence: relationship to serum vitamins A and E, and systemic inflammation. Archives of Gynecology and Obstetrics, 2020, 301, 189-197.	1.7	16
33	Dietary Inflammatory Index is associated with Healthy Eating Index, Alternative Healthy Eating Index, and dietary patterns among Iranian adults. Journal of Clinical Laboratory Analysis, 2020, 34, e23523.	2.1	16
34	Association of body mass index with serum calcium and phosphate levels. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 975-980.	3.6	15
35	Relationship of Dietary and Serum Zinc with Depression Score in Iranian Adolescent Girls. Biological Trace Element Research, 2018, 186, 91-97.	3.5	14
36	The Association Between Neuropsychological Function with Serum Vitamins A, D, and E and hs-CRP Concentrations. Journal of Molecular Neuroscience, 2019, 68, 243-250.	2.3	14

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37	A Comparison between Decision Tree and Random Forest in Determining the Risk Factors Associated with Type 2 Diabetes. Journal of Research in Health Sciences, 2018, 18, e00412.	1.0	14
38	The prevalence of metabolic syndrome increases with serum high sensitivity C-reactive protein concentration in individuals without a history of cardiovascular disease: a report from a large Persian cohort. Annals of Clinical Biochemistry, 2017, 54, 644-648.	1.6	13
39	Evaluating of associated risk factors of metabolic syndrome by using decision tree. Comparative Clinical Pathology, 2018, 27, 215-223.	0.7	13
40	Comparing Three Data Mining Algorithms for Identifying the Associated Risk Factors of Type 2 Diabetes. Iranian Biomedical Journal, 2018, 22, 303-311.	0.7	13
41	Association between serum zinc and copper levels and antioxidant defense in subjects infected with human T-lymphotropic virus type 1. Journal of Blood Medicine, 2019, Volume 10, 29-35.	1.7	13
42	Association Between dietary patterns and the risk of metabolic syndrome among Iranian population: A cross-sectional study. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 858-865.	3.6	13
43	An assessment of the risk factors for vitamin D deficiency using a decision tree model. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1773-1777.	3.6	12
44	A genetic variant in the cytochrome P450 family 2 subfamily R member 1 determines response to vitamin D supplementation. Clinical Nutrition, 2019, 38, 676-681.	5.0	12
45	Association of rs6921438 A^TG with serum vascular endothelial growth factor concentrations in patients with metabolic syndrome. Gene, 2018, 667, 70-75.	2.2	11
46	Rare P376L variant in the SR-BI gene associates with HDL dysfunction and risk of cardiovascular disease. Clinical Biochemistry, 2019, 73, 44-49.	1.9	10
47	The relationship between the healthy eating index and an alternate healthy eating index with the risk factors for cardiovascular disease in a population from northeastern Iran. Translational Metabolic Syndrome Research, 2019, 2, 1-6.	0.8	10
48	Effect of low-fat dairy products fortified with 1500IU nano encapsulated vitamin D ₃ on cardiometabolic indicators in adults with abdominal obesity: a total blinded randomized controlled trial. Current Medical Research and Opinion, 2021, 37, 579-588.	1.9	10
49	Assessment of the efficacy of omega-3 fatty acids on metabolic and inflammatory parameters in patients with schizophrenia taking clozapine and sodium valproate. Psychiatry Research, 2018, 261, 243-247.	3.3	9
50	Nutrients intake, and serum calcium and phosphorus levels: An evidence-based study. Journal of Clinical Laboratory Analysis, 2018, 32, .	2.1	9
51	Systolic and diastolic blood pressure percentiles by age and gender in Northeastern Iran. Journal of the American Society of Hypertension, 2018, 12, e85-e91.	2.3	9
52	Prevalence and Socio-Demographic Correlates of Mental Health Problems Among Iranian Health Sciences Students. Academic Psychiatry, 2020, 44, 73-77.	0.9	9
53	A comparison of body mass index and percent body fat as predictors of cardiovascular risk factors. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 570-575.	3.6	8
54	The relationship between short stature and menstrual pattern in a large cohort of Iranian girls. Journal of Obstetrics and Gynaecology, 2020, 40, 228-232.	0.9	8

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55	50â€bp deletion in promoter superoxide dismutase 1 gene and increasing risk of cardiovascular disease in Mashhad stroke and heart atherosclerotic disorder cohort study. <i>BioFactors</i> , 2020, 46, 55-63.	5.4	8
56	Comprehensive laboratory reference intervals for routine biochemical markers and proâ€oxidantâ€antioxidant balance (PAB) in male adults. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23470.	2.1	8
57	Common Polymorphisms in Genes Related to Vitamin D Metabolism Affect the Response of Cognitive Abilities to Vitamin D Supplementation. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 150-156.	2.3	7
58	Association of a genetic variant in the angiopoietin-like protein 4 gene with metabolic syndrome. <i>BMC Medical Genetics</i> , 2019, 20, 97.	2.1	7
59	Incidence and risk factors of common viral infections among renal transplant recipients during the first year post-transplant in North-eastern Iran. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2019, 30, 597.	0.3	7
60	Relationship between platelet count and platelet width distribution and serum uric acid concentrations in patients with untreated essential hypertension. <i>BioFactors</i> , 2018, 44, 532-538.	5.4	5
61	Factors determining the serum 25â€hydroxyvitamin <sc>D</sc> response to vitamin <sc>D</sc> supplementation: Data mining approach. <i>BioFactors</i> , 2021, 47, 828-836.	5.4	5
62	Prevalence of ABO and Rh blood groups and their association with demographic and anthropometric factors in an Iranian population: Mashad study. <i>Eastern Mediterranean Health Journal</i> , 2020, 26, 916-922.	0.8	5
63	Altered serum Zinc and Copper in Iranian Adults who were of normal weight but metabolically obese. <i>Scientific Reports</i> , 2019, 9, 14874.	3.3	4
64	Depression and aggression scores, reported sleep disorders status and their associated factors among adolescent girls in Northern Iran. <i>Current Psychology</i> , 2021, 40, 5064-5075.	2.8	4
65	Association of Age and Lipid Profiles with Measures of Renal Function in an Iranian Population. <i>Journal of Dietary Supplements</i> , 2016, 13, 616-625.	2.6	3
66	Association Between Trace Element Status and Depression in HTLV-1-Infected Patients: a Retrospective Cohort Study. <i>Biological Trace Element Research</i> , 2019, 191, 75-80.	3.5	3
67	Association between a genetic variant in scavenger receptor class B type 1 and its role on codon usage bias with increased risk of developing coronary artery disease. <i>Clinical Biochemistry</i> , 2021, 95, 60-65.	1.9	3
68	Is there any association between Serum anti-HSP27 antibody level and the presence of metabolic syndrome; population based case-control study. <i>Romanian Journal of Laboratory Medicine</i> , 2019, 27, 179-187.	0.2	3
69	A comparison of body mass index and body fat percentage for predicting cardiovascular disease risk. <i>Translational Metabolic Syndrome Research</i> , 2020, 3, 29-34.	0.8	2
70	A comparison of dietary intake between personnel of a gas processing company and a sample population of public employees from Mashhad. <i>Clinical Nutrition ESPEN</i> , 2020, 38, 124-128.	1.2	2
71	Identifying Factors Associated With Hypertension Using Structural Equation Modeling: A Population-Based Study. <i>Iranian Rehabilitation Journal</i> , 2018, 16, 307-316.	0.3	2
72	Dietary Intake and Its Relationship to Different Body Mass Index Categories: A Population-Based Study. <i>Journal of Research in Health Sciences</i> , 2018, 18, e00426.	1.0	2

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73	Determinants of the magnitude of response to vitamin D supplementation in adolescent girls identified using a decision tree algorithm. <i>BioFactors</i> , 2019, 45, 795-802.	5.4	1
74	Comparing three data mining algorithms for identifying associated risk factors of Type 2 Diabetes. <i>Medical Technologies Journal</i> , 2017, 1, 133-134.	0.5	1
75	Association between serum Vitamin E concentrations and the presence of Metabolic Syndrome: A population-based cohort study. <i>Acta Biomedica</i> , 2021, 92, e2021047.	0.3	1
76	Normative serum lipid profiles in the Iranian adult population. <i>International Journal of Clinical Practice</i> , 2021, 75, e13829.	1.7	0
77	Association of Healthy Eating Index and the Alternative Healthy Eating Index with the cell blood count indices. <i>Acta Biomedica</i> , 2021, 92, e2021038.	0.3	0
78	Association of a genetic variant in the AKT gene locus and cardiovascular risk factors. <i>Cellular and Molecular Biology</i> , 2020, 66, 57-64.	0.9	0