Karimollah Hajian

List of Publications by Citations

52 papers	1,275 citations	19 h-index	35 g-index
56 ext. papers	1,531 ext. citations	2.6 avg, IF	5.41 L-index

#	Paper	IF	Citations
52	Sample size estimation in diagnostic test studies of biomedical informatics. *Journal of Biomedical Informatics*, **2014**, 48, 193-204	10.2	381
51	A comparison of parametric and nonparametric approaches to ROC analysis of quantitative diagnostic tests. *Medical Decision Making*, **1997**, 17, 94-102	2.5	97
50	Association between serum vitamin D deficiency and knee osteoarthritis. *International Orthopaedics*, **2011**, 35, 1627-31	3.8	86
49	Association between nonspecific skeletal pain and vitamin D deficiency. *International Journal of Rheumatic Diseases*, **2010**, 13, 340-6	2.3	72
48	Prevalence of metabolic syndrome and the association with socio-demographic characteristics and physical activity in urban population of Iranian adults: a population-based study. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2014**, 8, 170-6	8.9	64
47	Health belief model and practice of breast self-examination and breast cancer screening in Iranian women. *Breast Cancer*, **2014**, 21, 429-34	3.4	41
46	Prevalences of overweight and obesity and their association with physical activity pattern among Iranian adolescents aged 12-17 years. *Public Health Nutrition*, **2012**, 15, 2246-52	3.3	37
45	Evaluation of Serum Trace Element Levels and Superoxide Dismutase Activity in Patients with Inflammatory Bowel Disease: Translating Basic Research into Clinical Application. *Biological Trace Element Research*, **2017**, 177, 235-240	4.5	35
44	Is waist circumference a better predictor of diabetes than body mass index or waist-to-height ratio in Iranian adults?. *International Journal of Preventive Medicine*, **2015**, 6, 5	1.6	31
43	Solitary and combined negative influences of diabetes, obesity and hypertension on health-related quality of life of elderly individuals: A population-based cross-sectional study. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2016**, 10, S37-42	8.9	25
42	Reproductive factors associated with breast cancer risk in northern Iran. *Medical Oncology*, **2011**, 28, 441-6	3.7	25
41	Comparison of three methods for estimating the standard error of the area under the curve in ROC analysis of quantitative data. *Academic Radiology*, **2002**, 9, 1278-85	4.3	25
40	Childhood Obesity, Overweight, Socio-Demographic and Life Style Determinants among Preschool Children in Babol, Northern Iran. *Iranian Journal of Public Health*, **2013**, 42, 1283-91	0.7	24
39	The status of serum vitamin D in patients with rheumatoid arthritis and undifferentiated inflammatory arthritis compared with controls. *Rheumatology International*, **2012**, 32, 991-5	3.6	22
38	Body mass index and waist circumference are predictor biomarkers of breast cancer risk in Iranian women. *Medical Oncology*, **2011**, 28, 1296-301	3.7	22
37	Factors associated with the pattern of breastfeeding in the north of Iran. *Annals of Human Biology*, **2005**, 32, 702-13	1.7	22
36	Health Related Quality of Life and Its Socio-Demographic Determinants among Iranian Elderly People: a Population Based Cross-Sectional Study. *Journal of Caring Sciences*, **2017**, 6, 39-47	1.6	21

35	Serum C-reactive protein level and distribution in chronic obstructive pulmonary disease versus healthy controls: a case-control study from Iran. *Inflammation*, **2013**, 36, 1122-8	5.1	20
34	Metabolic syndrome and its associated risk factors in Iranian adults: A systematic review. *Caspian Journal of Internal Medicine*, **2015**, 6, 51-61	1	19
33	Positive Correlation of Fecal Calprotectin With Serum Antioxidant Enzymes in Patients With Inflammatory Bowel Disease: Accidental Numerical Correlation or a New Finding?. *American Journal of the Medical Sciences*, **2018**, 355, 449-455	2.2	17
32	CDX1/2 and KLF5 Expression and Epigenetic Modulation of Sonic Hedgehog Signaling in Gastric Adenocarcinoma. *Pathology and Oncology Research*, **2019**, 25, 1215-1222	2.6	16
31	Quadriceps Muscle Strength Correlates With Serum Vitamin D and Knee Pain in Knee Osteoarthritis. *Clinical Journal of Pain*, **2017**, 33, 67-70	3.5	14
30	Factors affecting the survival of patients with oesophageal carcinoma under radiotherapy in the north of Iran. *British Journal of Cancer*, **2001**, 85, 1671-4	8.7	13
29	Evaluation of oxidative stress in endometriosis: A case-control study. *Caspian Journal of Internal Medicine*, **2015**, 6, 25-9	1	11
28	Diagnostic accuracy of fecal calprotectin in assessing the severity of inflammatory bowel disease: From laboratory to clinic. *Caspian Journal of Internal Medicine*, **2017**, 8, 178-182	1	11
27	The association of fasting blood glucose (FBG) and waist circumference in northern adults in Iran: a population based study. *Journal of Diabetes and Metabolic Disorders*, **2014**, 13, 2	2.5	10
26	Analysis of quality of life in breast cancer survivors using structural equation modelling: the role of spirituality, social support and psychological well-being. *International Health*, **2020**, 12, 354-363	2.4	9
25	Assessment of cervical length by transvaginal ultrasonography to predict preterm delivery in twin pregnancy. *Journal of Maternal-Fetal and Neonatal Medicine*, **2013**, 26, 1435-8	2	9
24	A Comparison between International Obesity Task Force and Center for Disease Control References in Assessment of Overweight and Obesity Among Adolescents in Babol, Northern Iran. *International Journal of Preventive Medicine*, **2013**, 4, 226-32	1.6	9
23	Is Radiosensitivity Associated to Different Types of Blood Groups? (A cytogenetic study). *International Journal of Molecular and Cellular Medicine*, **2013**, 2, 131-5	1.2	9
22	Is educational level associated with breast cancer risk in Iranian women?. *Breast Cancer*, **2012**, 19, 64-70	3.4	8
21	Determinants of pain in patients with symptomatic knee osteoarthritis. *Caspian Journal of Internal Medicine*, **2016**, 7, 153-161	1	8
20	Trend of stillbirth rates and the associated risk factors in babol, northern iran. *Oman Medical Journal*, **2014**, 29, 18-23	1.4	8
19	Comparison of pathologic characteristics of breast cancer in younger and older women. *Caspian Journal of Internal Medicine*, **2019**, 10, 42-47	1	6
18	Effects of Regular Treadmill Exercise on a DNA Oxidative-Damage Marker and Total Antioxidant Capacity in Rat Hippocampal Tissue. *Journal of Clinical Neurology (Korea*, **2016**, 12, 414-418	1.7	6

17	Association between Local External Gamma Rays and Frequency of Cancer in Babol-Iran. *Dose-Response*, **2010**, 8, 368-77	2.3	5
16	The study of radiosensitivity in left handed compared to right handed healthy women. *BMC Medical Physics*, **2012**, 12, 3		4
15	Is there association between handedness and radiosensitivity in breast cancer women?. *Medical Oncology*, **2012**, 29, 2552-5	3.7	4
14	Comparison of maternal and neonatal serum leptin levels in preeclampsia and normal pregnancy. *Iranian Journal of Reproductive Medicine*, **2011**, 9, 131-4		4
13	Comparison of the analgesic effect of intravenous paracetamol/midazolam and fentanyl in preparation of patients for colonoscopy: A double blind randomized clinical trial. *Caspian Journal of Internal Medicine*, **2015**, 6, 87-92	1	4
12	Triglyceride to high-density lipoprotein cholesterol and low-density lipoprotein cholestrol to high-density lipoprotein cholesterol ratios are predictors of cardiovascular risk in Iranian adults: Evidence from a population-based cross-sectional study. *Caspian Journal of Internal Medicine*, **2020**, 11, 53-61	1	4
11	Comparison of Competitive Models of Metabolic Syndrome Using Structural Equation Modeling: A Confirmatory Factor Analysis. *Diabetes and Metabolism Journal*, **2018**, 42, 433-441	5	4
10	Sensitivity and specificity of mean platelet volume as a laboratory marker for irritable bowel syndrome: Can it be added to Rome criteria?. *African Journal of Laboratory Medicine*, **2020**, 9, 1001	0.9	3
9	An extension of parametric ROC analysis for calculating diagnostic accuracy when underlying distributions are mixture of Gaussian. *Journal of Applied Statistics*, **2011**, 38, 2009-2022	1	2
8	Comparison of competitive cognitive models in explanation of women breast cancer screening behaviours using structural equation modelling: Health belief model and theory of reasoned action. *European Journal of Cancer Care*, **2021**, 30, e13328	2.4	2
7	Relationship between bone mineral density and duration of rheumatoid arthritis. *Indian Journal of Rheumatology*, **2015**, 10, 10-15	0.5	1
6	Measurement of serum irisin in the different stages of chronic kidney disease. *Caspian Journal of Internal Medicine*, **2019**, 10, 314-319	1	1
5	Association between serum folate with inflammatory markers, disease clinical activity and serum homocysteine in patients with inflammatory bowel disease. Does folate level have an effect on maintaining clinical remission?. *Acta Biomedica*, **2020**, 91, e2020106	3.2	1
4	A path causal model in the association between self-efficacy and self-care with quality of life in patients with type 2 diabetes: An application of the structural equation model.. *Health Science Reports*, **2022**, 5, e534	2.2	1
3	Association of social support, spirituality with psychological factors in Iranian breast cancer survivors: An evidence from a cross-sectional study.. *Nursing Open*, **2021**,	2.1	1
2	Sex differences of anthropometric indices of obesity by age among Iranian adults in northern Iran: A predictive regression model. *Caspian Journal of Internal Medicine*, **2015**, 6, 128-33	1	
1	Effects of atrovastatin on concentrations of 3-hydroxy-3-methylglutaryl-coenzyme A- reductase (HMG-CoA-R), proprotein convertase subtilisin/kexin type 9 (PCSK9) and sortilin in patients with type 2 diabetes mellitus and pre-diabetics. *Journal of Nephropathology*, **2021**, 10, e05-e05	0.6	