Abbas Moghimbeigi

List of Publications by Citations

95 papers	973 citations	16 h-index	26 g-index
102 ext. papers	1,167 ext. citations	2.1 avg, IF	4.61 L-index

#	Paper	IF	Citations
95	Constructing a Bayesian network model for improving safety behavior of employees at workplaces. *Applied Ergonomics*, **2017**, 58, 35-47	4.2	93
94	Multilevel zero-inflated negative binomial regression modeling for over-dispersed count data with extra zeros. *Journal of Applied Statistics*, **2008**, 35, 1193-1202	1	64
93	Challenges in building resilience engineering (RE) and adaptive capacity: A field study in a chemical plant. *Chemical Engineering Research and Design*, **2012**, 90, 83-90	5.5	57
92	The impact of ergonomics intervention on psychosocial factors and musculoskeletal symptoms among office workers. *International Journal of Industrial Ergonomics*, **2011**, 41, 671-676	2.9	54
91	Total antioxidant capacity of saliva and dental caries. *Medicina Oral, Patologia Oral Y Cirugia Bucal*, **2013**, 18, e553-6	2.6	34
90	Assessment of resilience engineering factors based on system properties in a process industry. *Cognition, Technology and Work*, **2016**, 18, 19-31	2.9	30
89	Association between psychosocial, organizational and personal factors and prevalence of musculoskeletal disorders in office workers. *International Journal of Occupational Safety and Ergonomics*, **2016**, 22, 267-73	2.1	30
88	Assessing resilience engineering based on safety culture and managerial factors. *Process Safety Progress*, **2012**, 31, 17-18	1	28
87	Prevalence of Depression among Iranian Elderly: Systematic Review and Meta-Analysis. *Iranian Journal of Psychiatry*, **2018**, 13, 55-64	1.9	27
86	A path analysis model for explaining unsafe behavior in workplaces: the effect of perceived work pressure. *International Journal of Occupational Safety and Ergonomics*, **2018**, 24, 303-310	2.1	26
85	Musculoskeletal disorders among female carpet weavers in Iran. *Ergonomics*, **2012**, 55, 229-36	2.9	26
84	The effect of silver nanoparticles on the reproductive system of adult male rats: A morphological, histological and DNA integrity study. *Advances in Clinical and Experimental Medicine*, **2019**, 28, 299-305	1.8	21
83	Development of Hollow-Fiber Liquid-Phase Microextraction Method for Determination of Urinary trans,trans-Muconic Acid as a Biomarker of Benzene Exposure. *Analytical Chemistry Insights*, **2016**, 11, 65-71		20
82	Exploring Causal Factors on the Severity Rate of Occupational Accidents in Construction Worksites. *International Journal of Civil Engineering*, **2017**, 15, 959-965	1.9	19
81	A score test for zero-inflation in multilevel count data. *Computational Statistics and Data Analysis*, **2009**, 53, 1239-1248	1.6	18
80	Clinical and Diagnostic Aspects of Brucellosis and Antimicrobial Susceptibility of Brucella Isolates in Hamedan, Iran. *Japanese Journal of Infectious Diseases*, **2017**, 70, 235-238	2.7	17
79	Hollow-fiber liquid-phase microextraction based on carrier-mediated transport for determination of urinary methyl hippuric acids. *Toxicological and Environmental Chemistry*, **2017**, 99, 760-771	1.4	16

78	Home-related injuries among under-five-year children and mothersScare regarding injury prevention in rural areas. *International Journal of Injury Control and Safety Promotion*, **2017**, 24, 354-362	1.8	15
77	Prevalence and risk factors of five most common upper extremity disorders in diabetics. *Journal of Research in Health Sciences*, **2014**, 14, 92-5	1.2	15
76	Use of Artificial Neural Networks (ANNs) for the Analysis and Modeling of Factors That Affect Occupational Injuries in Large Construction Industries. *Electronic Physician*, **2015**, 7, 1515-22	1.8	14
75	Prevalence of vancomycin resistance among isolates of enterococci in Iran: a systematic review and meta-analysis. *Adolescent Health, Medicine and Therapeutics*, **2018**, 9, 177-188	2.7	14
74	Predictors of Out of Hospital Cardiac Arrest Outcomes in Pre-Hospital Settings; a Retrospective Cross-sectional Study. *Archives of Academic Emergency Medicine*, **2019**, 7, 36	4.3	13
73	Key factors contributing to accident severity rate in construction industry in Iran: a regression modelling approach. *Arhiv Za Higijenu Rada I Toksikologiju*, **2016**, 67, 47-53	1.7	13
72	Upper trapezius fatigue in carpet weaving: the impact of a repetitive task cycle. *International Journal of Occupational Safety and Ergonomics*, **2018**, 24, 41-51	2.1	12
71	Diet, Nutrition, Obesity, and Their Implications for COVID-19 Mortality: Development of a Marginalized Two-Part Model for Semicontinuous Data. *JMIR Public Health and Surveillance*, **2021**, 7, e22717	11.4	12
70	Polymorphisms of DNA repair genes XRCC1 and LIG4 and idiopathic male infertility. *Systems Biology in Reproductive Medicine*, **2017**, 63, 382-390	2.9	11
69	Suitability/unsuitability of cell proliferation as an indicator of malignant potential in oral lichen planus: an immunohistochemical study. *Asian Pacific Journal of Cancer Prevention*, **2013**, 14, 6979-83	1.7	11
68	Diabetic peripheral neuropathy class prediction by multicategory support vector machine model: a cross-sectional study. *Epidemiology and Health*, **2016**, 38, e2016011	5.6	11
67	Evaluation of drug abuse relapse event rate over time in frailty model. *Osong Public Health and Research Perspectives*, **2014**, 5, 92-5	6.1	10
66	Hollow Fiber Supported Liquid Membrane Extraction Combined with HPLC-UV for Simultaneous Preconcentration and Determination of Urinary Hippuric Acid and Mandelic Acid. *Membranes*, **2017**, 7,	3.8	10
65	Evaluation of Related Risk Factors in Number of Musculoskeletal Disorders Among Carpet Weavers in Iran. *Safety and Health at Work*, **2016**, 7, 322-325	4	10
64	Multilevel zero-inflated Generalized Poisson regression modeling for dispersed correlated count data. *Statistical Methodology*, **2016**, 30, 1-14		9
63	Gender differences in risk factors of congenital hypothyroidism: an interaction hypothesis examination. *International Journal of Endocrinology and Metabolism*, **2014**, 12, e13946	1.8	9
62	Selecting Strategies to Reduce High-Risk Unsafe Work Behaviors Using the Safety Behavior Sampling Technique and Bayesian Network Analysis. *Journal of Research in Health Sciences*, **2017**, 17, e00372	1.2	9
61	Seroprevalence of Brucellosis in Butchers, Veterinarians and Slaughterhouse Workers in Hamadan, Western Iran. *Journal of Research in Health Sciences*, **2018**, 18, e00406	1.2	9

60	A Study of The Genetic Variability of Blastocystis hominis Isolates in Hamadan, West of Iran. *Jundishapur Journal of Microbiology*, **2012**, 5, 555-559	1.2	8
59	An Immunohistochemical Survey to Evaluate the Expression of CD105 and CD34 in Ameloblastoma and Odontogenic Keratocyst. *Journal of Dentistry*, **2014**, 15, 192-8	0.5	8
58	The Effect of Family-centered Care on Management of Blood Glucose Levels in Adolescents with Diabetes. *International Journal of Community Based Nursing and Midwifery*, **2015**, 3, 177-86	1.6	8
57	Modeling of Individual and Organizational Factors Affecting Traumatic Occupational Injuries Based on the Structural Equation Modeling: A Case Study in Large Construction Industries. *Archives of Trauma Research*, **2016**, 5, e33595		8
56	Levels of alarm thresholds of meningitis outbreaks in Hamadan Province, west of Iran. *Journal of Research in Health Sciences*, **2015**, 15, 62-5	1.2	8
55	Comparison of salivary nitric oxide and epidermal growth factor level between diabetic patients and healthy individuals. *International Journal of Diabetes in Developing Countries*, **2015**, 35, 477-482	0.8	7
54	Joint Disease Mapping of Two Digestive Cancers in Golestan Province, Iran Using a Shared Component Model. *Osong Public Health and Research Perspectives*, **2015**, 6, 205-10	6.1	7
53	Semiparametric models for multilevel overdispersed count data with extra zeros. *Statistical Methods in Medical Research*, **2018**, 27, 1187-1201	2.3	7
52	Executive functions, selective attention and information processing in patients with obsessive compulsive disorder: A study from west of Iran. *Asian Journal of Psychiatry*, **2018**, 37, 140-145	6.7	7
51	Comparative study of Ł-catenin and CD44 immunoexpression in oral lichen planus and squamous cell carcinoma. *International Journal of Dermatology*, **2018**, 57, 794-798	1.7	6
50	Three-dimensional analysis of the distal movement of maxillary 1st molars in patients fitted with mini-implant-aided trans-palatal arches. *Korean Journal of Orthodontics*, **2015**, 45, 236-44	1.4	6
49	A score test for extra zeros in negative binomial mixed models. *Journal of Statistical Computation and Simulation*, **2011**, 81, 635-644	0.9	6
48	A Study of The Genetic Variability of Blastocystis hominis Isolates in Hamadan, West of Iran. *Jundishapur Journal of Microbiology*, **2012**, 6, 11-15	1.2	6
47	Association between serum uric acid level and diabetic peripheral neuropathy (A case control study). *Caspian Journal of Internal Medicine*, **2014**, 5, 17-21	1	6
46	A clinicopathological study of odontogenic cysts and tumors in hamadan, iran. *Journal of Dentistry*, **2014**, 15, 167-72	0.5	6
45	Predicting 5-Year Survival Status of Patients with Breast Cancer based on Supervised Wavelet Method. *Osong Public Health and Research Perspectives*, **2014**, 5, 324-32	6.1	5
44	Prediction the groundwater level of Hamadan-Bahar Plain, west of Iran using support vector machines. *Journal of Research in Health Sciences*, **2014**, 14, 81-6	1.2	5
43	Gastric and esophageal cancers incidence mapping in golestan province, iran: using bayesian-gibbs sampling. *Osong Public Health and Research Perspectives*, **2015**, 6, 100-5	6.1	4

42	Supervised wavelet method to predict patient survival from gene expression data. *Scientific World Journal, The*, **2014**, 2014, 618412	2.2	4
41	Effect of Nutritional Habits on Dental Caries in Permanent Dentition among Schoolchildren Aged 10-12 Years: A Zero-Inflated Generalized Poisson Regression Model Approach. *Iranian Journal of Public Health*, **2016**, 45, 353-61	0.7	4
40	Cognitive Process in Patients With Obsessive-Compulsive Disorder: A Cross-Sectional Analytic Study. *Basic and Clinical Neuroscience*, **2018**, 9, 448-457	1.4	4
39	The ability of bispectral-guided management compared to routine monitoring for reflecting awareness rate in patients undergoing abdominal surgery. *Iranian Red Crescent Medical Journal*, **2014**, 16, e13584	1.3	4
38	Analysis and Modeling of Threatening Factors of Workforce's Health in Large-Scale Workplaces: Comparison of Four-Fitting Methods to select optimum technique. *Electronic Physician*, **2016**, 8, 1918-26	1.8	4
37	Application of mixture models for estimating the prevalence of cigarette smoking in hamadan, iran. *Journal of Research in Health Sciences*, **2010**, 10, 110-5	1.2	4
36	GEE-based zero-inflated generalized Poisson model for clustered over or under-dispersed count data. *Journal of Statistical Computation and Simulation*, **2019**, 89, 2711-2732	0.9	3
35	Two-part zero-inflated negative binomial regression model for quantitative trait loci mapping with count trait. *Journal of Theoretical Biology*, **2015**, 372, 74-80	2.3	3
34	Survival analysis of gastric cancer patients with incomplete data. *Journal of Gastric Cancer*, **2014**, 14, 259-65	3.2	3
33	Cohort profile: Famenin Brucellosis Cohort Study. *Journal of Research in Health Sciences*, **2019**, 19, e00453	1.2	3
32	Investigating the key factors in designing a communication skills program for medical students: A qualitative study. *Electronic Physician*, **2015**, 7, 1441-8	1.8	3
31	A Bayesian structural equation model in general pedigree data analysis. *Statistical Analysis and Data Mining*, **2019**, 12, 404-411	1.4	2
30	Seroprevalence of Brucellosis among General Population in Famenin City, Western Iran in 2016: The Famenin Brucellosis Cohort Study. *Archives of Iranian Medicine*, **2020**, 23, 749-756	2.4	2
29	Study of P21 Expression in Oral Lichen Planus and Oral Squamous Cell Carcinoma by Immunohistochemical Technique. *Journal of Dentistry*, **2015**, 16, 156-61	0.5	2
28	A Comparative Study of Cathepsin D Expression in Peripheral and Central Giant Cell Granuloma of the Jaws by Immunohistochemistry Technique. *Journal of Dentistry*, **2016**, 17, 98-104	0.5	2
27	Evaluating The Impact of Risk Factors on Birth Weight and Gestational Age: A Multilevel Joint Modeling Approach. *International Journal of Fertility & Sterility*, **2018**, 12, 106-113	1.9	2
26	Polyethylene eye-cover versus artificial teardrops in the prevention of ocular surface diseases in comatose patients: A prospective multicenter randomized triple-blinded three-arm clinical trial. *PLoS ONE*, **2021**, 16, e0248830	3.7	2
25	Explanation for different behavior of peripheral and central giant cell granuloma by CD44 and CD34 immunostaining. *Journal of Investigative and Clinical Dentistry*, **2019**, 10, e12451	2.3	1

24	Wavelet-based gene selection method for survival prediction in diffuse large B-cell lymphomas patients. *International Journal of Data Mining and Bioinformatics*, **2015**, 13, 197-210	0.5	1
23	Predicting Hospital Readmission in Heart Failure Patients in Iran: A Comparison of Various Machine Learning Methods. *Healthcare Informatics Research*, **2021**, 27, 307-314	3	1
22	A Gene Selection Method for Survival Prediction in Diffuse Large B-Cell Lymphomas Patients using 1D Discrete Wavelet Transform. *Iranian Journal of Public Health*, **2014**, 43, 1091-8	0.7	1
21	Effect of dietary ascorbic Acid on osteogenesis of expanding midpalatal suture in rats. *Journal of Dentistry of Tehran University of Medical Sciences*, **2015**, 12, 39-48		1
20	A two-component Bayesian mixture model to identify implausible gestational age. *Medical Journal of the Islamic Republic of Iran*, **2016**, 30, 440	1.1	1
19	Space-time Analysis of Breast Cancer and Its Late-stage Cases among Iranian Women. *Iranian Journal of Public Health*, **2017**, 46, 1413-1421	0.7	1
18	Effect of Resin Cement Color on the Final Color of Lithium Disilicate All-Ceramic Restorations. *Journal of Dentistry of Tehran University of Medical Sciences*, **2018**, 15, 143-150		1
17	Factors associated with mortality from tuberculosis in Iran: an application of a generalized estimating equation-based zero-inflated negative binomial model to national registry data. *Epidemiology and Health*, **2019**, 41, e2019032	5.6	1
16	Pattern and determinant factors of birth intervals among Iranian women: a semi-parametric multilevel survival model. *Journal of Biosocial Science*, **2020**, 52, 534-546	1.6	1
15	Longitudinal Joint Modelling of Ordinal and Overdispersed Count Outcomes: A Bridge Distribution for the Ordinal Random Intercept. *Computational and Mathematical Methods in Medicine*, **2021**, 2021, 5521881	2.8	1
14	Application of Bayesian Hierarchical Model for Detecting Effective Factors on Growth Failure of Infants Less Than Two Years of Age in a Multicenter Longitudinal Study. *Iranian Red Crescent Medical Journal*, **2016**, 18, e36732	1.3	1
13	Trajectories of Change in Obesity among Tehranian Families: Multilevel Latent Growth Curve Modeling. *International Journal of Family Medicine*, **2016**, 2016, 2639624		1
12	Robust inference in the multilevel zero-inflated negative binomial model. *Journal of Applied Statistics*, **2020**, 47, 287-305	1	1
11	Evaluation of the Status of Salivary Antioxidants in Dental Caries. *Infectious Disorders - Drug Targets*, **2020**, 20, 816-821	1.1	1
10	Birth distance influential factors: a multilevel recurrent events approach. *Journal of Research in Health Sciences*, **2010**, 10, 98-103	1.2	1
9	Identifying factors associated with the hospital readmission rate among patients with major depressive disorder. *BMC Psychiatry*, **2021**, 21, 542	4.2	0
8	Musculoskeletal disorders among female carpet weavers in Iran. *Ergonomics*, **2013**, 56, 1049-1049	2.9	
7	Evaluation of salivary beta-2 microglobulin as HBV proliferation marker in HBS Ag(+), HBV DNA PCR(+) and HBV DNA PCR(-) subjects. *Gastroenterology and Hepatology From Bed To Bench*, **2013**, 6, S105-11	1.2	1

List of Publications

6	The Application of Non-Parametric Count Models for the Modeling of Female's Accident Rates in Hamadan Province from 2009 to 2016. *Iranian Journal of Public Health*, **2020**, 49, 763-772	0.7
5	Three-level zero-inflated Conway-Maxwell-Poisson regression model for analyzing dispersed clustered count data with extra zeros. *Sankhya B*, **2020**, 1	0.4
4	Assessing the Factors Affecting Cesarean Section Selection in Iranian Women Using Multilevel Count Models with Excess Zeros. *Iranian Journal of Public Health*, **2021**, 50, 816-824	0.7
3	Investigating the effect of behavioral and demographic characteristics of Iranian women on the number of children ever born. *Medical Journal of the Islamic Republic of Iran*, **2021**, 35, 38	1.1
2	Robust inference in the joint modeling of multilevel zero-inflated Poisson and Cox models. *Statistics in Medicine*, **2021**, 40, 933-949	2.3
1	A multilevel zero-inflated Conway-Maxwell type negative binomial model for analysing clustered count data. *Journal of Statistical Computation and Simulation*, **2021**, 91, 1762-1781	0.9