

## *Personal Information*



**First Name:** Mohammad

**Last Name:** Babamiri

## *Contact Information*

### **Dr. Mohammad Babamiri**

Address: Department of Ergonomics, School of Public Health,  
Hamadan University of Medical Science, Post Code: 6517838736, Hamadan, Iran

Tel: **081 38380398**

Fax: **081 38380509**

E-mail: mohammad.babamiri@gmail.com

## *Education and Training*

2011-2014	Ph.D	Shahid Chamran University	Industrial & Organizational Psychology
2009-2011	M.Sc	Isfahan University	Industrial & Organizational Psychology
2005-2009	B.Sc	Shahid Chamran University	Industrial & Organizational Psychology

## *Scientific Position*

## **1. Associate Professor in Ergonomics**

Hamadan University of Medical Sciences, Hamadan, Iran, 2014- To be continued

### **Research Interests**

2. Job Stress
3. Psychometrics
4. Occupational Health

### *Course Teaching BSc, MSc and PhD*

Psychology and mental health for B.Sc students

1. Industrial psychology and health promotion for B.Sc students
2. General psychology for M.Sc students
3. Cognitive ergonomics for M.Sc students
4. Psychology in ergonomics for M.Sc students.
5. Occupational stress for PhD students
6. Human performance assessment for PhD students
7. Behavioral factors in injury prevention for PhD students
8. Cognitive engineering for PhD students

### *Executive Position*

1. **Member of Research Center for Health Sciences**  
School of Public Health, Hamadan University of Medical Sciences, 2014- To be continued
2. **Member of Social Determinants of Health Research Center**  
School of Public Health, Hamadan University of Medical Sciences, 2014- To be continued
3. **Managing Editor of Journal of Ergonomics**  
School of Public Health, Hamadan University of Medical Sciences, 2015- To be continued
4. **Member of Psychology and Counseling Organization of I.R.Iran from 2010**  
School of Public Health, Hamadan University of Medical Sciences, 2015- To be continued

## *Books*

Stress prevention at work checkpoints(Translation), Hak publication, 2016

Mental workload and assessment methods, Hak publication, 2021

Cognitive laboratory, Hamadan University of Medical Sciences publication, 2020.

## *Papers*

Babamiri M, Abdi Z, Noori N. Investigating the factors that influence Iranian nurses' workplace happiness. *Nursing Management*. 2022;29(5).

Babamiri M, Bashirian S, Sohrabi MS, Heidarimoghadam R, Mortezaipoor A, Zareian S. Burnout and mental health of COVID-19 frontline healthcare workers: Results from an online survey. *Iranian Journal of Psychiatry*. 2022;17(2):136-43.

Ghasemi F, Nourian S, Babamiri M. The Psychometric Properties of the Persian Version of the Affinity for Technology Interaction (ATI) Scale. *Journal of Health and Safety at Work*. 2022;12(4):784-99.

Ghasemi F, Zarei H, Babamiri M, Kalatpour O. Fatigue profile among petrochemical firefighters and its relationship with safety behavior: the moderating and mediating roles of perceived safety climate. *International journal of occupational safety and ergonomics*. 2022;28(3):1822-8.

Alipour N, Saidnia H, Heidarimoghadam R, Mahdiyoun SA, Babamiri M, Fakhr AA. Incidence of Neurotoxic Symptoms in Iranian Anesthesiology Staff: Psychometric Properties of Persian Version of the Euroquest Questionnaire. *Asian Journal of Anesthesiology*. 2022.

Babamiri M, Heidarimoghadam R, Ghasemi F, Tapak L, Mortezaipoor A. Insights into the relationship between usability and willingness to use a robot in the future workplaces: Studying the mediating role of trust and the moderating roles of age and STARA. *Plos one*. 2022;17(6):e0268942.

Babamiri M, Heydari B, Mortezaipoor A, Tamadon TM. Investigation of Demand–Control–Support Model and Effort–Reward Imbalance Model as Predictor of Counterproductive Work Behaviors. *Safety and Health at Work*. 2022;13(4):469-74.

Heidarimoghadam R, Mohammadfam I, Babamiri M, Soltanian AR, Khotanlou H, Sohrabi MS. What do the different ergonomic interventions accomplish in the workplace? A systematic review. *International Journal of Occupational Safety and Ergonomics*. 2022;28(1):600-24.

Sohrabi MS, Babamiri M. Effectiveness of an ergonomics training program on musculoskeletal disorders, job stress, quality of work-life and productivity in office workers: a quasi-randomized control trial study. *International Journal of Occupational Safety and Ergonomics*. 2022;28(3):1664-71.

Heydari P, Babamiri M, Tapak L, Golmohammadi R, Kalatpour O. Weighing and prioritization of individual factors affecting the performance of industries firefighters. *Fire Safety Journal*. 2022;127:103512.

Kalatpour O, Babamiri M, Heidarimoghadam R, Mohammadfam I, Farhadian M, Tavakkol MR. Operator Control Room Risk-taking Questionnaire (ORTQ): A Specific Risk-taking Assessment Tool Validated in Iranian Workers. *Iranian Journal of Psychiatry and Behavioral Sciences*. 2022;16(4).

Askaripoor T, Motamedzade M, Golmohammadi R, Babamiri M, Farhadian M, Aghaei H, et al. The parallel effect of correlated color temperature and illumination level on alertness and cognitive performance: a multi-measure study. *Journal of Health and Safety at Work*. 2021;11(4):674-99.

Babamiri M, Amiri M, Mahdiyoun S, Mohammadi Y, Shabani M. The Role of demand-control-support model in nursing musculoskeletal disorders: A systematic review. *Occupational Medicine*. 2021.

Babamiri M, Heidarimoghadam R, Ghasemi F, Tapak L, Mortezapour A. *Ergonomics 4.0: A bibliometric review of Human Factors research in Industrial Revolution 4.0 (IR 4.0)*. *Work*. 2021;70(1):321-34.

Rahmani R, Sargazi V, Shirzaei Jalali M, Babamiri M. Relationship between COVID-19-caused anxiety and job burnout among hospital staff: A cross-sectional study in the Southeast of Iran. *Journal of Occupational Hygiene Engineering*. 2021;7(4):61-9.

Shahidi R, Golmohammadi R, Babamiri M, Faradmaj J, Aliabadi M. Effect of warm/cool white lights on visual perception and mood in warm/cool color environments. *EXCLI journal*. 2021;20:1379.

Tamadon TM, Heydari B, Babamiri M. Investigation of Effort-Reward Imbalance Model as predictor of Counterproductive Work Behaviors. *Occupational Medicine*. 2021.

Babamiri M, Alipour N, Heidarimoghadam R. Research on reducing burnout in health care workers in critical situations such as the COVID-19 outbreak. *Work*. 2020;66(2):379-80.

Heidarimoghadam R, Mohammadfam I, Babamiri M, Soltanian AR, Khotanlou H, Sohrabi MS. Study protocol and baseline results for a quasi-randomized control trial: an investigation on the effects of ergonomic interventions on work-related musculoskeletal disorders, quality of work-life and productivity in knowledge-based companies. *International Journal of Industrial Ergonomics*. 2020;80:103030.

Alipour N, Moghadam RH, Babamiri M, Ali S, Mahdiyoun HS, Fakhr AA. The association between demographic variables and the prevalence of neurotoxic symptoms in operating room personnel. *Journal of Occupational Hygiene Engineering Volume*. 2020;7(2):8-13.

Babamiri M, Mahdiyoun SA, Abdi Z, Nouri N, Alipour N. Investigating the Individual and Organizational Predictors of Trust in Supervisor in Nurses. *Pajouhan Scientific Journal*. 2019;17(4):55-60.

Askaripoor T, Motamedzade M, Golmohammadi R, Farhadian M, Babamiri M, Samavati M. Effects of light intervention on alertness and mental performance during the post-lunch dip: a multi-measure study. *Industrial health*. 2019;57(4):511-24.

Babamiri M, Heydarimoghadam R, Motamedzade M, Abdi Z, Saeidnia H. Investigating the Status of Factors Leading to Job Stress According to ILO Checkpoint in Hamadan University of Medical Sciences. *Pajouhan Scientific Journal*. 2018;17(1):9-15.

H Saeidnia, M Babamiri, A Mortezapour, O Kalatpour, A Soltanian. Effect of Individual Variables on Perception of Effort-reward Imbalance and Need for Fatigue Recovery in Industrial Firefighters. *Journal of Occupational Hygiene Engineering*. 2018 Volume 5 (3), 1-9

Babamiri M, Heydarimoghadam R, Motamedzade M, Abdi Z, Saidnia H. Investigating the Status of Factors Leading to Job Stress According to ILO Checkpoint in Hamadan University of Medical Sciences. *Pajouhan Scientific Journal*. 2018 Nov 15;17(1):9-15.

Babamiri M, Heidari Moghadam R, Mohammadi B, Mohammadi Y. An Investigation on the Relationship between Proactive Personality with Networking, Mediated by Job Satisfaction. *Journal of Ergonomics*. 2018 Feb 15;5(3):50-7.

Babamiri M, Siegrist J, Zemestani M. The Factorial Structure and Psychometric Properties of the Persian Effort-Reward Imbalance Questionnaire. *Safety and health at work*. 2018 Sep 1;9(3):334-8

Babamiri M, Zahiri A, Morovati Z, Yousefi Afrashte M, Dehghani Y. Evaluation of factors affecting job burnout in employees of regional electric company, Kerman, Iran. *Journal of Ergonomics*. 2016; 3 (4):38-47.

Babamiri M, Neisi A, Arshadi N, Mehrabizade M, Beshlide Q. Job Stressors and Personality Characteristics as Predictors of Psychosomatic Symptoms at Staff of a Company in Ahwaz. *Journal of Psychological Achievements*. 2015;4(1):187-208.

Babamiri M, Zahiri A, Nisi A, Arshadi N, Shahroie S. Job Stressors as Predictors of Psychosomatic Symptoms. Journal of Ilam University of Medical Sciences. 2015;23(1):45-55.

Babamiri M, Zahiri A, Arshadi N, Neisi A, Shahroui SH. Investigate effort-reward imbalance and demand-control-support model in accession of psychosomatic symptoms. Health Psychology. 2014; 3(3): 55-78.

Babamiri M, Sabbagh U, Harsini AZ. Investigate the relationship between organizational justice and personality characteristics with counterproductive work behavior. Journal of Life Science and Biomedicine. 2013;3(4):268-72.

Salahian1 A , Oreizi HR, Babamiri M, Asgari A. The predictor factors of burnout syndrome in Isfahan nurses. Nursing Research.2012; 6 (23):23-31.

Noori A, Oreizi HR, Zare R, Babamiri M. Relationship Between Factors of Work Engagement with Organizational Commitment. Journal of Modern Industrial/Organizational Psychology. 2011; 1(5):9-16.

### *Reviewing Activity*

**1. Journal of Ergonomics**

2014- To be continued, Managing Editor and Reviewer

**2. Journal of Psychological Achievements**

2015- To be continued, Reviewer

**3. Journal of International Journal of Occupational Hygiene**

2018- To be continued, Reviewer

**4. Journal of Journal of Occupational Health Psychology**

2019- To be continued, Reviewer

**5. Journal of Human Resources for Health**

2019- To be continued, Reviewer

**6. Journal of Heliyon**

2019- To be continued, Reviewer