

Curriculum vitae

Full name: Atefeh Talebi

Year of Birth: September 21, 1979

Place of Birth: Iran/ Shiraz

Nationality: Iranian

Education: Ph.D in Biostatistics at Shahid Beheshti University of Medical Sciences- Assistant professor at Iran University of medical sciences

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<http://scholar.google.com/citations?user=7YztSS4AAAAJ&hl=en>

Educational background:

- 1- PhD in Biostatistics from Shahid Beheshti University of Medical Sciences, 2011-2016 (The top student with the GPA 18.42 out of 20).
- 2- Master of Science in Biostatistics from Hamedan University of Medical Sciences, 2009-2011.
- 3- Master of Science in Pure Statistics from Isfahan University, 2005-2007.
- 4- Bachelor of Science in Statistics from Shiraz University, 2000-2004.

Academic records:

- 1- Performing a common project with Aalborg university (Department of Health Science and Technology).
- 2- Carrying out a broad plan of the whole country by WHO and ministries in relation to deliveries in Iran with cooperating several specialists in 2015-2016. Extracting the first paper of the project entitled: maternal outcome, delivery complication and neonatal malformation in deliveries of Iran between 2013 and 2014: effect of type of delivery.
- 3- Oral presentation in 450th International Conferences on Medical and Health Science (ICMHS) in Copenhagen, Denmark. The title is: Gene interaction networks based on nonparametric correlation coefficients in *Saccharomyces cerevisiae* data, 2018.
- 4- Poster presentation in Frankfurt Marriott Hotel, Germany Global Conference on Cancer Therapy. The title is: Comparing parametric models of survival of BC patients, 2017.
- 5- Poster presentation in International Agency for Research on Cancer (IARC), 2016 in Lyon-France. The title is: To compare survival models and their application in breast cancer patients.
- 6- Hold Pajek software workshop about gene networks at Shahid Beheshti University of Medical Sciences (devoted to the fields of Genetics and Proteomics) in 2016.
- 7- Poster presentation an Article at Yazd University in 2013. The title is: Review to Gene Network Interaction Analyses in Microarray Data.
- 8- Hold SPSS software workshop at Shahid Beheshti University of Medical Sciences in 2013.
- 9- Presentation an Article at Elmosanat University of Tehran in 2011. The title is: To apply Cure model in Breast cancer at South of Iran.
- 10- Hold SPSS software workshop at Hamedan University of Medical Sciences in 2009.
- 11- Poster presentation at Shiraz university in 2007. The title is: Characterization of binary random variables using Copulas.

12- Poster presentation at Isfahan university in 2006. The title is: Discover of concepts and ordering of Markov chain.

13- The subject of PhD thesis: Designing of three-way gene network algorithm based on correlation coefficient indices

14- The subject of MSc thesis in Biostatistics: Comparing different models of survival of breast cancer patients

15- The subject of MSc thesis in Pure Statistics: Characterization of binary random variables and positive attachment using Copulas

Current employment:

1- Assistant professor of Colorectal research center at Iran University of medical sciences.

2- Cooperating with Occupational medicine research center as statistics consultant in Hazrat Rasool hospital at Iran University of medical sciences. 2016 until now.

3- Cooperating with Skin research center in Shohada hospital as statistics consultant at Shahid Beheshti University of medical sciences. 2016 until now.

4- Cooperating with Children's research center as statistics consultant in Ali-Asghar hospital at Iran University of medical sciences. 2016 until now.

5- Cooperating with Toplans company in order to perform statistical projects as head of research analysis. <http://www.toplans.com/>. 2011 until now.

6- Statistic Referee of Aging (Salmand) Journal at Social Welfare Rehabilitation Shahid Beheshti University of medical sciences. 2016 until now.

7- Statistic Referee of "The Journal of Tehran University Heart Center Journal" at Tehran University of medical sciences. 2016 until now.

Previous employment:

- 1- Teaching Statistics in the Institute and the top ranked graduate students in an entrance exam of Psychology doctorate at Tehran. 2015 until now.
- 2- Teaching Statistics to Midwifery, Nursing, Biochemistry, Radiology of medical sciences in BS and MS degree at Hamedan University and Shahid Beheshti University of medical sciences. 2009 until now.
- 3- Cooperating with Heart research center in Modarres hospital at Shahid Beheshti University of medical sciences. 2013-2015.
- 4- Teaching Statistics to Microbiology at Azad university of Tehran. 2014.
- 5- Teaching Mathematics and Statistics to Humanities such as Management, Economic, Accounting at Shiraz University. 2008-2014
- 6- Teaching Mathematics and Statistics to Sciences such as Statistics and Mathematics at Shiraz University. 2008-2014.
- 7- Teaching Statistics to Technical and Engineering sciences such as Electronic and Computer Engineering at Shiraz University. 2008-2014.
- 8- Teaching Mathematics and Statistics at Dr Hesabi institute of Shiraz. 2006-2008.

Research Activities:**Advisor of Clinical Psychology, Midwifery, Nursing, Biochemistry, Librarians, Radiology, General Medicine students at medical sciences:**

- 1- A comparative study of appendicitis symptoms in pregnant and non-pregnant women.
- 2- Evaluation of surgical results in thin kemin fracture in Shafayehayian hospital from 2012-2015.
- 3- Obstacles and Incentives to Receive Seasonal Flu Vaccine among Physicians, Nurses and Personnel at Ali-Asghar hospital in 2017.

- 4- Comparison of serum levels of vitamin D after oral and intrauterine treatment in premature infants.
- 5- Determination of the risk of NEC following blood transfusion in premature infants admitted to the infant's ward of Ali-Asghar hospital.
- 6- Comparison of NEC in Asphyxia Neonates with Healthy Infants.
- 7- Effect of protein supplementation on the growth of infant weighting levels in 1000gr hospitalized in NICU Akbarabad hospital 2014-2015.
- 8- Comparison of Sem-ball and endotracheal methods to determine the mass of patients in PICU.
- 9- Study of Spirometric findings of school children in clean and contaminated air.
- 10- Comparison of laparoscopic repair of Hernia without port with a port in children referred to Ali-Asghar hospital from 2015-2017.
- 11- Investigating the Factors Affecting the Mortality of Term Neonates with Diaphragmatic Hernia Admitted to NICU in Ali-Asghar hospital in the years 2011-2017.
- 12- Evaluation of prognostic value of umbilical cord blood lactate in Meconillary spermatic syndrome in neonates born in Akbarabadi hospital at Tehran in 2015-2016.
- 13- Investigation of pancreatic function in patients with non-diabetic thalassemia major.
- 14- The effects and effects of intravenous ibuprofen and acetaminophen on closure of PDA in premature newborns of Akbarabadi hospital in 2016-2017.
- 15- Determination of ultrasound accuracy in comparison with DRNC for diagnosis of high grade VUR and infants with first UTI referred to Ali-Asghar hospital.
- 16- Comparison of weight gain in very low birth weight infants in two groups received zinc supplementation and placebo group in Ali-Asghar and Akbarabadi hospitals in 2015-2016.

- 17- Comparison of Abuhlase and Local Antibiotic Ointment in Preventing Catheter Exit Infection in Peritoneal Dialysis Patients.
- 18- Comparison of the Effect of Ointment B with Antihemoroid Ointment on Symptoms Control in Patients with Hemorrhoids.
- 19- Comparison of Neuropsychotic Anolase in ASF Neonates with Healthy Neonates.
- 20- Study of spirometric findings of primary school children in polluted and clean air.
- 21- Comparison of the efficacy of pituitary and synaptintin in the treatment of CNS patients with chronic kidney disease.
- 22- Determining the Effect of Supplemental Protein Diet on Infants Growing Less than 1000g in NICU of Akbarabadi hospital in 2015-2016.
- 23- Investigating the Causes of Seasonal Influenza Vaccine Receipt by Personnel and Nurses of Ali-Asghar hospital in 2017.
- 24- The effect of sodium on seizure of children in Ali-Asghar hospital in 2018
- 25- Comparison of quality of life of mothers living in healthy children in Rasoul-e-Akram Hospital in 2018.
- 26- Comparison of echocardiographic findings of healthy-macroosomal mothers
- 27- Translation and Evaluation of the Validity and Reliability of Interns' Testing in Diagnostic Amonia.
- 28- Comparison of two methods of symbiotic and endotracheal suction in determining the mass of PICU hospital.
- 29- Risk Factors for Infection in Ali-Asghar hospital.
- 30- Fangal Infection in Patients with Poor Immune System.
- 31- Adrenocorticopathy and Allergy Ritonitis in Respiratory Disease Patients of Ali-Asghar hospital.
- 32- Study of clinical course and side effects of neuroviral virus diarrhea in guadan, referring to Ali-Asghar hospital in 2014-2015.

- 33- Congenital anomalies in 2016-2017.
- 34- The effectiveness of parent-child play therapy relationship (CPR) on reducing the experience on negative emotions in cancerous children in 2016.
- 35- Investigation of Effectiveness of Adjuvant Psychological Therapy (APT) on Quality of life, depression and anxiety of patients undergoing Blood and Marrow Transplantation in 2016.
- 36- The relationship between quality learning experiences and academic burnout in Nursing students at Shahid Beheshti University of medical sciences in 2016.
- 37- The effect of combined inhalation aromatherapy on anxiety and vital signs of patients with acute coronary syndrome at Iran University of Medical Sciences in 2016.
- 38- Study of Grey management at Shahid Beheshti University of medical sciences Library in 2016.
- 39- Relationship between quality of life and ways to deal with dysmenorrhea in patients referring to health centers affiliated to University of medical sciences in 2015.
- 40- The interest between mother and fetus and health practices on neonatal outcomes in women referred to hospitals in Sirjan city in 2015.
- 41- The association of professional identity and clinical competency of nurses in psychiatric hospitals affiliated to medical universities in 2014.
- 42- The effect of Lavender aromatherapy on sleep quality in Hemodialysis patients in 2014.
- 43- The relationship between serum ghrelin levels and bone mineral density in healthy men in 2014.
- 44- Effect of crawling baby to the breast, the performance of midwives in selected hospitals of Tabriz University of medical sciences in 2014.
- 45- To Survey the prevalence and factors associated with depression in pregnant women referred to health centers and hospitals at Qazvin University of medical sciences in 2014.

46- The effect of fear of falling on quality of life, self-efficacy and doing daily activities of elderly people in Qazvin in 2014.

47- Evaluation of the effect on pain and anxiety rose fragrance first stage of labor in nulliparous women admitted to hospital in 2014.

48- The effect of the implementation of evidence-based nursing education on knowledge and attitude of nurses of Anbiya and Imam Hossein hospitals at Shahid Beheshti University of medical sciences in Tehran in 2014.

49- The survey of the orange flower effect on pain and anxiety of labor referred to endocrine clinic of Tuysarkan city in 2013.

Published Article:

1- Tissue and plasma co-expression of microRNA let 7g- 5p in colorectal cancer patients. 2019

2- Expression analysis of circulating plasma long non-coding RNAs in colorectal cancer: The relevance of lncRNAs ATB and CCAT1 as potential clinical hallmarks. 2019. (IF=3.923)

3- Biological and clinical relevance of long Non-coding PCAT-1 in Cancer, A systematic Review and Meta-Analysis. 2019. (PubMed).

4- The relevance of long Non-coding RNAs in colorectal cancer biology and clinical setting. 2019. (IF=0.791)

5- MicroRNA expression and correlation with mRNA levels of Colorectal cancer-related genes. 2019. (PubMed)

6- Distribution of extended-spectrum β -lactam, quinolone and carbapenem resistance genes, and genetic diversity among uropathogenic Escherichia coli isolates in Tehran, Iran. 2018. (IF:2.022)

7- Angiotensin Converting Enzyme and Subclinical Atherosclerosis in Psoriasis: Is there Any Association? A case-control study. Journal of the American Academy of Dermatology. 2018. (IF: 6.898)

- 8- The efficacy of Curcuminoids in improvement of ulcerative colitis symptoms and patients' self-reported well-being: A randomized double-blind controlled trial. *Journal of Cellular Biochemistry*. 2018. (IF: 3.446).
- 9- Association between ABO Blood Group and Clinical Outcomes in Patients with Gastrointestinal Bleeding. *Internal Medicine*. 2018.
- 10- Effects of aromatherapy with *Rosa damascena* on nulliparous women's pain and anxiety of labor during first stage of labor. *Journal of Integrative Medicine*. 2018. (IF: 1.11).
- 11- MicroRNA Expression Levels and Histopathological Features of Colorectal Cancer. *Journal of Gastrointestinal Cancer*. 2018. (PubMed).
- 12- Predictive Factors of Acute Renal Failure in the Neonates with Respiratory Distress Syndrome. *Iranian Journal of Neonatology*. 2018. (Scopus).
- 13- Effect of Protein Supplementation on the Growth of Infants Weighing Less than 1,000 Grams Hospitalized on the Neonatal Intensive Care Unit of Akbar Abadi Hospital in Tehran, Iran (2015-2016). *Iranian journal of Neonatology Mashhad University of medical sciences*. 2018. (Scopus).
- 14- MicroRNA Expression Levels and Histopathological Features of Colorectal Cancer. *Journal of Gastrointestinal Cancer*. 2017. (PubMed)
- 15- Education program (Back school) to improve quality life among dentists. *Annals of medical sciences research*. 2017. (PubMed).
- 16- Quantification of Plasma Cell-Free Circulating DNA at Different Stages of Colorectal Cancer. *Cancer investigation*. 2017. (IF: 2.2).
- 17- Efficacy of long pulse Nd: YAG laser versus fractional Er: YAG laser in the treatment of hand wrinkles. *Lasers Med Sci*. 2017. (IF: 2.299).
- 18- Two-way Gene Interaction from Microarray Data based on Correlation Methods. *Iran Red Crescent Med*. 2016. (IF:0.676).
- 19- Comparing the quality of life in women with and without primary dysmenorrhea and pain reduction strategies in patients referred to Shahid Beheshti health centers

affiliated with the university of medical sciences in Tehran in 2015. Faculty of Nursing of Midwifery Quarterly. 2016.

20- Correlation of maternal-fetal attachment and health practices during pregnancy with neonatal out. Electronic Physician Journal. 2016. (PubMed).

21- The effect of a multifaceted ergonomic intervention program on reducing musculoskeletal disorders in dentists. Medical Journal of the Islamic Republic of Iran (MJIRI). 2016. (PubMed).

22- The effect of magnification lenses on reducing musculoskeletal discomfort among dentists. Medical Journal of the Islamic Republic of Iran (MJIRI). 2016. (PubMed).

23- Assessing the Physicians' Order Errors in Medical Records and it's effective Factors (A Case Study). Journal of hospital. 2016.

24- Ergonomic risk factors and musculoskeletal symptoms in surgeons with three types of surgery: Open, laparoscopic, and microsurgery. Medical Journal of the Islamic Republic of Iran (MJIRI). 2016. (PubMed).

25- A Survey of Correlation between Professional Identity and Clinical Competency of Psychiatric Nurses. Open Journal of Nursing, 2015. (IF: 0.57).

26- Effects of Citrus Aurantium (bitter orange) on the Severity of First-Stage Labor Pain. Iranian Journal of Pharmaceutical Research. 2014. (IF: 1.406).

27- Aromatherapy with Citrus Aurantium Oil and Anxiety during the First Stage of Labor. Iran Red Crescent Med. 2014. (IF: 0.676).

28- Nonparametric Correlation Coefficient methods in Gene Interactions from Microarray Data. International Journal of Analytical, Pharmaceutical and Biomedical Sciences. 2014. (Scopus).

29- Nonparametric Correlation Coefficient methods to Constructing Three-way Gene Interactions in Microarray Data. International Journal of Analytical, Pharmaceutical and Biomedical Sciences. 2014. (Scopus).

30- Prognostic Factors in Exposure to Respiratory Interaction in Children under Two Years old: Using Poisson Regression Model. International Journal of Analytical, Pharmaceutical and Biomedical Sciences. 2014. (Scopus).

31- Investigating the Effect of Citrus Aurantium Aroma on Severity of Labor Pain During Active Phase of Labor. Complementary medicine Journal of faculty of nursing and midwifery. 2014.

32- Estimated years of life expectancy marriage and marriage between men and women, urban and rural in Hamedan using life table method and fit the model. 2014.

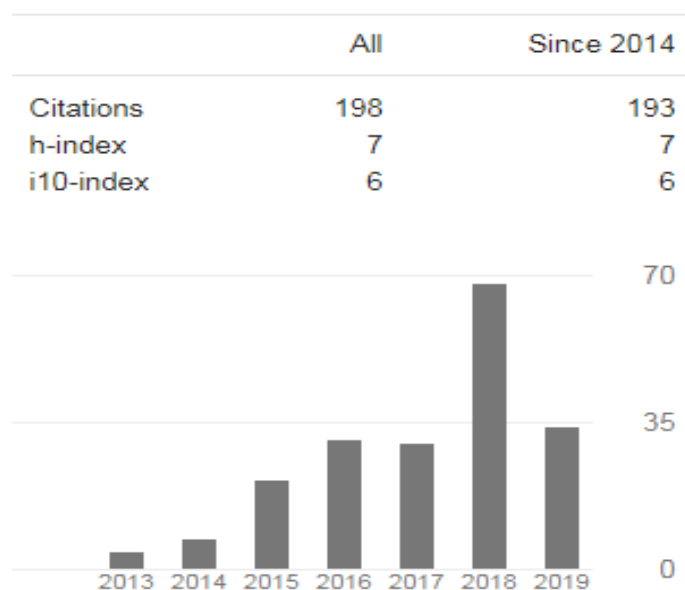
33- The effects of inhaling lavender oil on sleep quality in hemodialysis patients. Journal of Nursing and Midwifery. 2014.

34- - An Investigation of Serum Ghrelin Concentration and its Relationship with Bone Mineral Density in Healthy Postmenopausal Women over 55 Years in Tabriz in 2013. J. Appl. Environ. Biol. Sci. 2014. (IF: 1.72).

35- Detection of copy number changes in genes associated with Parkinson’s disease in Iranian patients. Neuroscience letters. 2013. (IF: 2.08).

36- Survival Analysis of Breast Cancer Patients Using Cox and Frailty Models. Journal of Research in Health Sciences. 2012. (PubMed).

Cited by



Professional experience:

1- Certified technical and professional skills in several computer courses; Pascal programming language, Windows and Internet and basic DOS. 2004-2008

2- Proficiency in statistical software such as Microsoft Office; word, Excel, PowerPoint.

3- Statistical software; SPSS, Minitab, SAS, R, Stata, Pajek, Prism, MATLAB.

Language Skills:

Fluent English, Native Farsi, a bit Danish.

Personality:

Enthusiastic and highly motivated individual. Open-minded, energetic and also creative. With efficient communication skill to present my points precisely. Able to handle high-pressure environments with ease. Punctual, organized, team player, team leader and responsible for duties.