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General information

First Name: Amin

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Current Position:

Associate Professor

MSc, PhD in Epidemiology

Department of Epidemiology, School of public health, [Hamadan University of Medical Sciences](#), Hamadan, Iran.

Address: Hamadan University of medical sciences, school of public health, Department of epidemiology; Shahid Fahmideh Ave. Hamadan, Islamic Republic of Iran

Postal code: 6517838695

Date and place of birth: 25 July 1981; Shahrekord, Chaharmahal & Bakhtiari Province, **Nationality:** Iranian

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Education

2016: Ph.D., in Epidemiology, Tehran University of Medical Sciences, Iran

2012: MSc, Epidemiology, Hamadan University of Medical Sciences, Iran

2005: BSc, Public Health, Tehran University of Medical Sciences, Iran

2003: Associate Degree of Public Health, Shahrekord University of Medical Sciences, Iran

Work experience

15/02/2023-present: Secretary of working group diseases and health outcomes registry at Hamadan University of Medical Sciences

21/06/2020 – present: Director of EDO at School of Public Health, Hamadan University of Medical Sciences

26/05/2020 – 11/2023: Secretary of Scientific Authority in Hamadan University of Medical Sciences

01/12/2019 – present: Associate Editor of Journal of Research in Health Sciences (JRHS)

19/06/2017 – present: Associate professor of epidemiology at Hamadan University of Medical Sciences, [School of Public Health, Department of Epidemiology](#)

4/2013-12/2015: Researcher and Research Advisor at [Pasteur Institute of Iran, Department of Epidemiology](#). Tehran Iran

2/2008- 2/2013: Expert in diseases control and prevention, Diseases Control and Prevention Office (CDC) at Shadegan Health center, Khuzestan University of Medical sciences; Khuzestan, Iran.

Awards

2022: Top researcher in basic sciences in Hamadan University of Medical Sciences.

2020: Author of best-selected research article on Hamadan University of Medical Sciences

2020: Leading researcher in Hamadan University of Medical Sciences.

2018: Top researcher in basic sciences in Hamadan University of Medical Sciences.

2012: Member of Exceptional Talented Development Center, Hamadan University of Medical Sciences.

2012: Award: Excellent Student among Epidemiology students of Hamadan University of Medical Sciences.

2003: Award: Excellent Student among public health students of Shahrekord University of Medical Sciences.

Teaching experience

Course teaching

My teaching experience in Hamadan University of Medical Sciences for both undergraduate and postgraduate level (2017-Present) in the following courses:

- Causal inferences (Ph.D. student)
- Principles and methods of Epidemiology (MSc students)
- Advanced research methodology and scientific writing (MD-MPH)
- Advance Epidemiology (MD-MPH)

- Epidemiology of occupational diseases (Ph.D. student)
- Social Epidemiology (MSc students)
- Advanced Epidemiology (General dentistry students)
- Principles of Epidemiology (BSc students)
- Research methodology 2 (General dentistry students)
- Communicable diseases Epidemiology (MSc students)
- Medical Information systems (MSc students)
- Research methodology 1 (General dentistry students)
- Research Methodology (MSc students)
- Epidemiology of occupational diseases (BSc students)

My teaching experience in Tehran University of Medical sciences (2012-2016).

2016: “Communicable diseases Epidemiology” for Msc students of Epidemiology, Tehran University of Medical Sciences; Tehran, Iran.

2016: “evaluation of vaccine efficacy”, for IMPH students and International PhD students, Tehran University of Medical Sciences; Tehran, Iran (1 session).

2016: “outbreak investigation” for IMPH students, Tehran University of Medical Sciences; Tehran, Iran (1 session).

2016: “syndromic surveillance” for PhD students of health in disaster, Tehran University of Medical Sciences; Tehran, Iran (1 session).

2016: “systematic review and meta-analysis” for IMPH students, Tehran University of Medical Sciences; Tehran, Iran (1 session).

2015: “Advance Epidemiology” for PhD students of Parasitology, Tehran University of Medical Sciences; Tehran, Iran

2015: “Communicable diseases Epidemiology” for Msc students of Epidemiology, Tehran University of Medical Sciences; Tehran, Iran

2015: “Epidemiology and research methodology” for MPH students of field Epidemiology, Tehran University of Medical Sciences; Tehran, Iran

2014: “Advance Epidemiology” for PhD students of Parasitology, Tehran University of Medical Sciences; Tehran, Iran

2012: “Epidemiology and research methodology” for MPH students of field Epidemiology, Tehran University of Medical Sciences; Tehran, Iran

Workshop Teaching

2020; Lecture, “Network meta-analysis” for faculty members and postgraduate students of Kermanshah University of Medical Science; Kermanshah, Iran

2019; Lecture, “Evidence based medicine” for faculty members of Hamadan University of Medical Science; Hamadan, Iran

2018; Lecture, “Search for systematic review” faculty members of Hamadan University of Medical Science; Hamadan, Iran

2017; Lecture, “systematic review” for Ph.D. students of Hamadan University of Medical Science; Hamadan, Iran

2017; Lecture, "Field Epidemiology" in International Summer School on Field epidemiology, Akanlu, Iran.

2017; Lecture, “Evidence based medicine” for faculty members of Hamadan University of Medical Science; Hamadan, Iran

2016; Lecture, “Endnote workshop” for BSc & MSc students, Tehran University of Medical Sciences; Tehran, Iran

2015; Lecture, “STATA workshop” for BSc & MSc students, Tehran University of Medical Sciences; Tehran, Iran

2015; Lecture, “Research methodology” for BSc & MSc students, Tehran University of Medical Sciences; Tehran, Iran

2014; Lecture, “Scientific writing workshop” for BSc & MSc students, Tehran University of Medical Sciences; Tehran, Iran

2013: Lecture, “STATA workshop” for MPH students of field Epidemiology, Tehran University of Medical Sciences; Tehran, Iran

2012: Lecture, “Epidemiology of HIV/AIDS” for Health care workers, Shadegan Health center; Khuzestan, Iran.

2012: Lecture, “Epidemiology of Cholera” for Health care workers, Shadegan Health center; Khuzestan, Iran.

Publications

Papers

1. Arabzadeh H, Doosti-Irani A, Kamkari S, Farhadian M, Elyasi E, Mohammadi Y. The maternal factors associated with infant low birth weight: an umbrella review. *BMC pregnancy and childbirth*. 2024;24(1):316.
2. Hossaini S, Keramat F, Cheraghi Z, Zareie B, Doosti-Irani A. Comparing the Efficacy and Adverse Events of Available COVID-19 Vaccines Through Randomized Controlled Trials: Updated Systematic Review and Network Meta-analysis. 2023;23(4):e00593.
3. Shahbazi F, Doosti-Irani A, Soltanian A, Poorolajal J. National trends and projection of chronic kidney disease incidence according to etiology from 1990 to 2030 in Iran: a Bayesian age-period-cohort modeling study. *Epidemiol Health*. 2023;45:e2023027.
4. Rostampour N, Badrigilan S, Rezaeian S, Sarbakhsh P, Meola A, Choupani J, et al. Efficacy of stereotactic radiosurgery as single or combined therapy for brain

- metastasis: A systematic review and meta-analysis. *Crit Rev Oncol Hematol*. 2023;186:104015.
5. Rezaee D, Bakhtiari S, Jalilian FA, Doosti-Irani A, Asadi FT, Ansari N. Coinfection with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and influenza virus during the COVID-19 pandemic. 2023;168(2):53.
 6. Rahmani A, Khamutian S, Doosti-Irani A, Shokoohizadeh MJ, Shirmohammadi-Khorram N, Sahraeei F, et al. The association of arsenic exposure with mortality due to cancer, diabetes, Alzheimer's and congenital anomalies using Poisson regression. *Scientific reports*. 2023;13(1):15456.
 7. Rahmani A, Khamutian S, Doosti-Irani A, Saatchi O, Shokoohizadeh MJ. Arsenic level in drinking water, its correlation with water quality parameters, and associated health risks. *Environmental monitoring and assessment*. 2023;195(7):899.
 8. Radinmehr H, Radnia N, Tabatabaei A, Asadi MR, Rahbar S, Talimkhani A, et al. Transcutaneous tibial neurostimulation and Solifenacin in urgent incontinence of postmenopausal women. *European journal of translational myology*. 2023;33(2).
 9. Naimi SS, Rahbar S, Asadi MR, Radinmehr H, Talimkhani A, Doosti-Irani A, et al. The Immediate Effects of Aerobic Exercise with and Without External Loads on Blood Glucose, Cardiovascular, Respiratory, and Body Temperature Indices in Type II Diabetic Patients. *Journal of diabetes and metabolic disorders*. 2023;18(1):39-45.
 10. Morsali M, Poorolajal J, Shahbazi F, Vahidinia A, Doosti-Irani A. Pharmaceutical Therapies for the Treatment of Obesity: A Network Meta-analysis. *Clinical therapeutics*. 2023;45(7):671-8.
 11. Morsali M, Doosti-Irani A, Amini S, Nazemipour M, Mansournia MA, Aliannejad R. Comparison of corticosteroids types, dexamethasone, and

- methylprednisolone in patients hospitalized with COVID-19: A systematic review and network meta-analysis. *Glob Epidemiol.* 2023;6:100116.
- 12.** Moeini B, Erfani A, Barati M, Doosti-Irani A, Hosseini H, Soheylizad M. Development and Psychometric Properties of an Extended Theory of Planned Behavior Questionnaire for Childbearing Intentions and Behaviors in Iran. *Korean journal of family medicine.* 2023;44(2):109-16.
 - 13.** Lorestanifar M, Mosayebi Molasaraei M, Jashaninejad R, Khoshmanesh S, Doosti-Irani A. The prevalence of uncontrolled diabetes mellitus in patients with type 2 diabetes: a multicenter cross-sectional study. *Journal of diabetes and metabolic disorders.* 2023;22(1):787-92.
 - 14.** Ghasemi F, Doosti-Irani A, Aghaei H. Applications, Shortcomings, and New Advances of Job Safety Analysis (JSA): Findings from a Systematic Review. *Safety and health at work.* 2023;14(2):153-62.
 - 15.** Shokri A, Ramezani K. In vivo efficacy of 3D-printed elastin-gelatin-hyaluronic acid scaffolds for regeneration of nasal septal cartilage defects. *Biological trace element research.* 2022;110(3):614-24.
 - 16.** Sedighi P, Khalili N, Khalili N, Doosti-Irani A, Moradi A, Moghadam S, et al. Patterns of Antiepileptic Drug Reactions in Children: A Multicenter Study. *Iranian journal of child neurology.* 2022;16(3):133-43.
 - 17.** Sadeghi K, Poorolajal J, Doosti-Irani A. Prevalence of modifiable risk factors of tuberculosis and their population attributable fraction in Iran: A cross-sectional study. 2022;17(8):e0271511.
 - 18.** Ebrahimi B, Doosti-Irani A, Rezapur-Shahkolai F, Poorolajal J. High-Risk Behaviors and Associated Factors among Iranian Adult Population: A National Survey. *Iran J Public Health.* 2022;51(5):1107-17.
 - 19.** Doosti-Irani A, Haji-Maghsoudi S, Haghdoost A, Eybpoosh S, Mostafavi E, Karami M, et al. The Dynamic Effective Reproductive Number of COVID-19 during the Epidemic in Iran. *Iran J Public Health.* 2022;51(4):886-94.

20. Akbarzadeh A, Taheri M, Ebrahimi B, Alirezaei P, Doosti-Irani A, Soleimani M, et al. Evaluation of Lactocare® Synbiotic Administration on the Serum Electrolytes and Trace Elements Levels in Psoriasis Patients: a Randomized, Double-Blind, Placebo-Controlled Clinical Trial Study. *Dermatology research and practice*. 2022;200(10):4230-7.
21. Akbarzadeh A, Alirezaei P. The Efficacy of Lactocare® Synbiotic on the Clinical Symptoms in Patients with Psoriasis: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. *PLoS ONE*. 2022;2022:4549134.
22. Ahmadinezhad M, Mounesan L, Doosti-Irani A, Behzadi MY. The prevalence of Q fever in the Eastern Mediterranean region: a systematic review and meta-analysis. *Epidemiol Health*. 2022;44:e2022097.
23. Ghafari M, Nadi T, Bahadivand-Chegini S, **Doosti-Irani A**. Global prevalence of unmet need for mental health care among adolescents: A systematic review and meta-analysis. *Archives of Psychiatric Nursing*. 2022;36:1-6.
24. Khaleghi Rad M, Pirmoradi MM, **Doosti-Irani A**, et al. The performance of HEAR score for identification of low-risk chest pain: a systematic review and meta-analysis. *European journal of emergency medicine: official journal of the European Society for Emergency Medicine* 2022;29(3):173-87. doi: 10.1097/mej.0000000000000921 [published Online First: 2022/04/22]
25. Moeini B, Erfani A, Barati M, **Doosti-Irani A**, Hosseini H, Soheylizad M. Understanding the rationales behind childbearing: A qualitative study based on extended theory of planned behavior. *Journal of education and health promotion*. 2022;11:119.
26. Poorolajal J, Mohammadi Y, **Doosti-Irani A**, et al. The contribution of avoidable factors in doubling or halving the odds of hypertension. *PLoS ONE* 2022;17(4):e0266689. doi: 10.1371/journal.pone.0266689 [published Online First: 2022/04/08]

27. Rezapur-Shahkolai F, Afshari M, **Doosti-Irani A**, et al. Interventions to prevent road traffic injuries among pedestrians: a systematic review. *International journal of injury control and safety promotion* 2022;1-17. doi: 10.1080/17457300.2022.2089685 [published Online First: 2022/07/02]
28. Cheraghi F, Hooshangian M, **Doosti-Irani A**, Khalili A. The effect of peer support approach on communication skills of nursing students in pediatric clinical setting. *Nurse education in practice*. 2021;52:102984. [PubMed](#), [ISI](#), [Scopus](#). [IF: 1.614].
29. Nadi T, Poorolajal J, **Doosti-Irani A (Corresponding author)**. Socioeconomic Inequality in Health Literacy, Self-Rated Health, and General Health in Arak, Iran: a Population-Based Cross-Sectional Study. *Hamadan-University-of-Medical-Sciences*. 2021; 8(1):59-64. [Scopus](#).
30. Jashaninejad R, **Doosti-Irani A**, Karami M, Keramat F, Mirzaei M. Transmission of COVID-19 and its Determinants among Close Contacts of COVID-19 Patients Running title. *J Res Health Sci*. 2021. [PubMed](#), [ISI \(ESCI\)](#), [Scopus](#).
31. Moeini B, Rezapur-Shahkolai F, Bashirian S, **Doosti-Irani A**, Afshari M, Geravandi A. Effect of interventions based on regular physical activity on weight management in adolescents: a systematic review and a meta-analysis. *Systematic Reviews*. 2021;10(1):52. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.479].
32. **Doosti-Irani A**, Nazemipour M, Mansournia MA. What are network meta-analyses (NMAs)? A primer with four tips for clinicians who read NMAs and who perform them (methods matter series). *Br J Sports Med*. 2021. [PubMed](#), [ISI](#), [Scopus](#). [IF: 12.022].
33. **Doosti-Irani A**, Mostafavi E, Nazemipour M, Mansournia MA, Haghdost AA. Challenges for management of the COVID-19 epidemic in Iran. *Glob Epidemiol*. 2020;2:100035. [PubMed](#), [Scopus](#).

34. Poorolajal J, Ebrahimi B, Rezapur-Shahkolai F, **Doosti-Irani A**, Alizadeh M, Ahmadpoor J, et al. The Epidemiology of Aggression and Associated Factors among Iranian Adult Population: A National Survey. *J Res Health Sci.* 2020;20(4). [PubMed](#), [ISI\(ESCI\)](#), [Scopus](#).
35. Ghasemi F, Gholamizadeh K, Rahmani R, **Doosti-Irani A**. Prevalence and severity of carpal tunnel syndrome symptoms among Iranian butchers and their association with occupational risk factors: Implications for ergonomic interventions. *Work.* 2020(Preprint):1-14. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.132].
36. Bahadivand S, **Doosti-Irani A**, Karami M, Qorbani M, Mohammadi Y. Prevalence of high-risk behaviors in reproductive age women in Alborz province in 2019 using unmatched count technique. *BMC women's health.* 2020;20(1):186. [PubMed](#), [ISI](#), [Scopus](#). [IF: 1.544].
37. Almasi-Hassiani A, **Doosti-Irani, A**, Mansournia MA. Case Fatality Rate of COVID-19: Meta-Analysis Approach (Letter to the Editor). *Archives of Iranian Medicine.* 2020. [PubMed](#), [ISI](#), [Scopus](#). [IF: 0.996].
38. Barati M, Jormand H, Bashirian S, Doosti-Irani A (**Corresponding author**), Rezapur-Shahkolai F. The Role of Media on the Intention of Adolescents Smoking: A Systematic Review and Meta-Analysis. *J Educ Community Health.* 2020;7(4):311-23. [Scopus](#).
39. Ayubi E, Mansori K, **Doosti-Irani A (Corresponding author)**. Effect of maternal smoking during pregnancy on Tourette syndrome and chronic tic disorders among offspring: a systematic review and meta-analysis. *Obstetrics & gynecology science.* 2020. [PubMed](#), [Scopus](#).
40. Barati M, Ahmad Nejad S, Karim Pour M, **Doosti-Irani A**, Afshari M. The relationship between computer games and loneliness in adolescents. *Pajouhan Scientific Journal.* 2020:1-7.
41. Moradi-Pourghavam Z, Karimi-Shahanjarini A, Barati M, **Doosti-Irani A**, Sh N. Associated Factors with Developmental Delay of under 5 Year Old

Children in Hamadan, Iran: A Case-Control Study. *J Educ Community Health*.0-.
[Scopus](#).

42. Rostami-Moez M, Rabiee-Yeganeh M, Shokouhi M, Dosti-Irani A, Rezapur-Shahkolai F. Earthquake preparedness of households and its predictors based on health belief model. *BMC public health*. 2020;20(1):646. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.521].
43. Rahmani S, Adabi M, Doosti-Irani A (**Corresponding author**). Global coverage of pneumococcal conjugate vaccine (PCV) and serotype distribution after receiving vaccine among targeted PCV vaccine countries: A systematic review. *Iran J Epidemiol*. 2020;16(1):54-67. [Scopus](#).
44. Poorolajal J, Sahraei F, Mohamdadi Y, **Doosti-Irani A**, Moradi L. Behavioral factors influencing childhood obesity: a systematic review and meta-analysis. *Obesity research & clinical practice*. 2020;14(2):109-18. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.062].
45. Nadi T, Poorolajal J, **Doosti-Irani A** (**Corresponding author**). Socioeconomic status and health literacy as the important predictors of general health in Iran: a structural equation modeling approach. *Epidemiology, Biostatistics and Public Health*. 2020;17(2). [ESCI](#), [Scopus](#).
46. Mohagheghi S, Khajehahmadi Z, Nikeghbalian S, Alavian SM, Doosti-Irani A, Khodadadi I, et al. Changes in the distribution of etiologies of cirrhosis among patients referred for liver transplantation over 11 years in Iran. *Eur J Gastroenterol Hepatol*. 2020;32(7):844-50. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.251].
47. Mirfazaelian H, **Doosti-Irani A**, Jalili M, Thiruganasambandamoorthy V. Application of decision rules on diagnosis and prognosis of renal colic: a systematic review and meta-analysis. *European journal of emergency medicine : official journal of the European Society for Emergency Medicine*. 2020;27(2):87-93. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.170].

48. Holakouie-Naieni K, Mansournia MA, **Doosti-Irani A (Corresponding author)**, Rahimi-Foroushani A, Haddad P. Treatment-related complications in patients with esophageal cancer: A systematic review and network meta-analysis. *The surgeon : journal of the Royal Colleges of Surgeons of Edinburgh and Ireland*. 2020. [PubMed](#), [ISI](#), [Scopus](#). [IF: 2.311].
49. Fatahi A, **Doosti-Irani A**, Cheraghi Z. Prevalence and Incidence of Metabolic Syndrome in Iran: A Systematic Review and Meta-Analysis. *Int J Prev Med*. 2020;11:64. [PubMed](#), [ESCI](#), [Scopus](#).
50. Barati M, Rashidi-darabdi S, Bakhshian P, Afshari M, **Doosti-Irani A**. Study Relationship the Overuse of Cyberspace and Sleep Quality among Students of University of Medical Sciences. *Pajouhan Scientific Journal*. 2020;18(3):24-33.
51. Bahadivand S, Doosti-Irani A, Karami M, Qorbani M, Mohammadi Y. Prevalence of high-risk behaviors in reproductive age women in Alborz province in 2019 using unmatched count technique. *BMC women's health*. 2020;20(1):186. [PubMed](#), [ISI](#), [Scopus](#). [IF: 1.544].
52. Abedi M, **Doosti-Irani A**, Jahanbakhsh F, Sahebkar A. Epidemiology of animal bite in Iran during a 20-year period (1993-2013): a meta-analysis. *Trop Med Health*. 2019;47:55. [ISI \(ESCI\)](#), [Scopus](#), [PubMed](#).
53. Ghafari M, Bahadivand-Chegini S, Nadi T, **Doosti-Irani A (Corresponding author)**. The global prevalence of dental healthcare needs and unmet dental needs among adolescents: a systematic review and meta-analysis. *Epidemiol Health*. 2019;41:e2019046-e. [PubMed](#), [ESCI](#).
54. **Doosti-Irani A**, Tamtaji OR, Mansournia MA, Ghayour- Mobarhan M, Ferns G, Daneshvar Kakhaki R, Rezaei Shahmirzadi A, Asemi Z. *The effects of vitamin D supplementation on expanded disability status scale in people with multiple sclerosis: A critical, systematic review and meta-analysis of randomized*

- controlled trials*. Clinical Neurology and Neurosurgery. 2019;187:105564. [PubMed](#), [ISI](#). [IF: 1.672].
55. Entezari P, Jalili M, Seyedhosseini J, **Doosti-Irani A**, Mirfazaelian H. *Accuracy of Ultrasonography in Diagnosis of Shoulder Dislocation: A Systematic Review*. Advanced Journal of Emergency Medicine. 2019. [PubMed](#).
56. Ghalekhani N, Farhoudi B, Gouya MM, Sharifi H, SeyedAlinaghi S, Kamali K, Fahimfar N, Rajabpour Z, **Doosti-Irani A**, Sedaghat A, Mirzazadeh A. *The HIV treatment cascade in people living with HIV in Iran in 2014: Mixed-method study to measure losses and reasons*. International Journal of STD & AIDS. 2019;0956462419867573. [PubMed](#), [ISI](#). [IF: 1.501].
57. Khalili A, Gholami AH, **Doosti-Irani A**, Bashiri S. *The relationship between pain score and its effective indices in neonatal endotracheal open suction under ventilator*. Anesthesiology and Pain. 2019;10(3):13-20.
58. Okhovat-Isfahani B, Bitaraf S, Mansournia MA, **Doosti-Irani A**. *Inequality in the global incidence and prevalence of tuberculosis (TB) and TB/HIV according to the human development index*. MJIRI. 2019;33(1):275-80. [PubMed](#).
59. Moradi G, Veysi A, Rahmani K, Erfani H, **Doosti Irani A**, Shirzadi M, et al. *Leishmaniasis Surveillance System in the Islamic Republic of Iran: History, Structures and Processes*. Iran J Epidemiol. 2019;15(1):95-104. [Scopus](#).
60. Moameri H, Ostadghaderi M, Khatooni E, **Doosti-Irani A**. *Association of postpartum depression and cesarean section: A systematic review and meta-analysis*. Clin Epidemiol Global Health. 2019. [ISI](#).
61. Mirfazaelian H, **Doosti-Irani A**, Jalili M, Thiruganasambandamoorthy V. *Application of decision rules on diagnosis and prognosis of renal colic: a systematic review and meta-analysis*. European journal of emergency medicine. 2019. [PubMed](#), [ISI](#). [IF: 1.383].

62. Khazaei S, Nematollahi S, **Doosti-Irani A**, Zahiri A, Mofarrah-Zat A, Ayubi E, et al. *Spatio-Temporal Analysis of Tuberculosis in Hamadan Province, West of Iran, from 1992 to 2013*. *Tanaffos*. 2019;18(1):18. [PubMed](#).
63. Karami M, **Doosti-Irani A**, Ardalan A, Gohari-Ensaf F, Berangi Z, Massad E, et al. *Public Health Threats in Mass Gatherings: A Systematic Review*. *Disaster Medicine and Public Health Preparedness*. 2019:1-12. [PubMed](#), [ISI](#). [IF: 1.031].
64. Ghasemi F, Gholamizadeh K, **Doosti-Irani A**, Ramin R. *Comparison of Strain Index (SI) and ACGIH-HAL in Assessing the Risk of Upper Extremities Disorders and Prediction of Carpal Tunnel Syndrome in Butchers*. *Journal of Ergonomics*. 2019;6(4):1-8.
65. Fazeli M, Golahdouz M, Bashar R, Arab Baferani M, **Doosti Irani A**, Pourhossein B, et al. *Design and Validation of a Persian Knowledge, Attitude, and Practice Questionnaire for Rabies (PKAP-Rabies) in the General Population of Iran*. *Journal of Medical Microbiology and Infectious Diseases*. 2019:0-.
66. **Doosti-Irani A**, Mansournia MA, Collins G. Letter by Doosti-Irani et al Regarding Article, " *Letter by Doosti-Irani et al Regarding Article, "Associations of Variability in Blood Pressure, Glucose and Cholesterol Concentrations, and Body Mass Index With Mortality and Cardiovascular Outcomes in the General Population "*. *Circulation*. 2019;139(19):e909-e10. [PubMed](#), [ISI](#). [IF: 23.054].
67. **Doosti-Irani A**, Mansournia MA, Collins G. *Use of G-methods for handling time-varying confounding in observational research*. *The Lancet Global health*. 2019;7(1):e35. [PubMed](#), [ISI](#). [IF: 15.873].
68. Cheraghi Z, **Doosti-Irani A**, Almasi-Hashiani A, Baigi V, Mansournia N, Etminan M, et al. *The effect of alcohol on osteoporosis: A systematic review and meta-analysis*. *Drug and Alcohol Dependence*. 2019;197:197-202. [PubMed](#), [ISI](#). [IF: 3.466].

- 69.** Doosti-Irani A, Nedjat S, Nedjat S, Cheraghi P, Cheraghi Z. *Quality of life in Iranian elderly population using the SF-36 questionnaire: systematic review and meta-analysis*. Eastern Mediterranean Health Journal. 2018;24(11). [PubMed](#), [ISI](#). [IF: 0.694].
- 70.** Doosti-Irani A, Ostadmohammadi V, Mirhosseini N, Mansournia MA, Reiter RJ, Kashanian M, et al. *The Effects of Melatonin Supplementation on Glycemic Control: A Systematic Review and Meta-Analysis of Randomized Controlled Trials*. Hormone and metabolic research. 2018;50(11):783-90. [PubMed](#), [ISI](#). [IF: 2.423].
- 71.** Mansournia MA, Ostadmohammadi V, Doosti-Irani A, Ghayour-Mobarhan M, Ferns G, Akbari H, et al. *The Effects of Vitamin D Supplementation on Biomarkers of Inflammation and Oxidative Stress in Diabetic Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials*. **Horm Metab Res**. 2018; 50(6):429-40. [PubMed](#), [ISI](#) [IF: 2.423].
- 72.** Bagheri Amiri F, Doosti-Irani A, Sedaghat A, Fahimfar N, Mostafavi E. *Knowledge, attitude, and practices regarding HIV and TB among homeless people in Tehran, Iran*. **International Journal of Health Policy and Management**. 2018; 7(6):549-55. [PubMed](#), [ISI](#). [IF: 4.485].
- 73.** Doosti-Irani A, Holakouie-Naieni K, Rahimi-Foroushani A, Mansournia MA, Haddad P. *A network meta-analysis of the treatments for esophageal squamous cell carcinoma in terms of survival*. **Critical Reviews in Oncology/Hematology**. 2018; 127:80-90. [PubMed](#), [ISI](#) [IF: 5.012].
- 74.** Doosti-Irani A, Mansournia MA, Rahimi-Foroushani A, Haddad P, Holakouie-Naieni K. *Local recurrence of esophageal squamous cell carcinoma after treatment: Comparison of frequentist and Bayesian network meta-analysis*. **Clinical Epidemiology and Global Health**. 2019;7(2):145-52. [ISI](#)

75. Moghadam EA, Rad EM, Nikoofar M, Ghamari A, **Doosti-Irani A**, Kocharian A, et al. *Reference values of fetal mechanical PR interval and heart rate-corrected fetal mechanical PR interval: Influence of fetal sex, heart rate, gestational age, and maternal age*. **International Cardiovascular Research Journal**. 2018; 12(2):57-63. [PubMed](#).
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Books

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2. Mostafavi E, Hemati P, **Doosti-Irani A**, Molaeipoor L. Standardized guidelines for outbreaks detection, investigation, management and control related to IHR benefiting Syndromic Surveillance System (SSS). Tehran: Gap; 2020.
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Papers presented in conferences:

Oral presentations

4. **Amin Doosti Irani**, Jalal Poorolajal, Alireza Khalilian, Nader Esmaeilnasab, Zahra Cheraghi, editors. "*Prevalence of osteoporosis in Iran: a meta-analysis*". 7th Iranian Epidemiology Congress; 2013 14-16 May Yasouj, Iran.

Posters

1. Ehsan Mostafavi, Ali Akbar Haghdoost, **Amin Doosti Irani**, Saeid Bokaei, Sadegh Chinikar. "*Temporal modeling of Crimean-Congo hemorrhagic fever in*

- Iran*". 12th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases; 2014 Bangkok, Thailand.
2. Zahra Cheraghi, **Amin Doosti Irani**, Shahab Rezaiean, Jamal Ahmadzadeh, Jalal Poorolajal, Hossein Erfani, Jalal Battaei et al, editors. *"Influenza A (H1N1) in Hamadan Province, Western Iran in 2009: A Case-Control Study.* 6th Iranian Epidemiology Congress; 2010 13-15 July Shahrood, Iran.
 3. Zahra Cheraghi, Neda Amoori, **Amin Doosti Irani**, Saied Bitaraf, editors. *"Prevalence of diabetic complications in type 2 diabetic patients under the Health Center Diabetes Unit Shadegan city in 1388".* 6th Iranian Epidemiology Congress; 2010 13-15 July Shahrood, Iran.
 4. Jalal Poorolajal, Parvin Cheraghi, **Amin Doosti Irani**, Zahra Cheraghi, Mariam Mirfakhraei. *"Construction of Knowledge, Attitude and Practice Questionnaire for Assessing Plagiarism."* 7th Iranian Epidemiology Congress; 2013 14-16 May Yasouj, Iran.
 5. Zahra Cheraghi, Jalal Poorolajal, Tahereh Hashem, Nader Esmailnasab, and **Amin Doosti Irani**. *"Effect of body mass index on breast cancer during premenopausal and postmenopausal periods: a meta-analysis."* 7th Iranian Epidemiology Congress; 2013 14-16 May Yasouj, Iran.
 6. **Amin Doosti Irani**, Zahra Cheraghi, Parvin Cheraghi, editors. *"Alpha & Beta thalassemia mutations in Shadegan city, southwest Iran".* 7th Iranian Epidemiology Congress; 2013 14-16 May Yasouj, Iran.
 7. Saied Bitaraf, Zahra Cheraghi, **Amin Doosti Irani**, Malek Kanani, Shokrollah Salmanzadeh, Azita Fadaei, Nastaran Ghadaksaz, Homeira Rahmani, editors. *"Analysis of factors affecting the survival of HIV/AIDS patients in Ahwaz: Southwest of Iran".* 7th Iranian Epidemiology Congress; 2013 14-16 May Yasouj, Iran.

National projects

1. 2014: *Prevalence of primary and secondary drug resistance among patients with smear positive pulmonary tuberculosis in Iran, 2014*; supported by Ministry of Health and Medical Education, Iran and UNDP (Cooperator).
2. 2013: *Active case finding of tuberculosis among tuberculosis lab staff in Iran*, supported by Ministry of Health and Medical Education, Iran and UNDP, (Cooperator).
3. 2013: *Develop a protocol on provider-initiated testing (PIT) among TB patient in the Islamic republic of Iran*, supported by Ministry of Health and Medical Education, Iran and UNDP (Cooperator).
4. 2013-2014: *Situation of Care and Treatment among Patients living with HIV in the Islamic Republic of Iran*, supported by Ministry of Health and Medical Education, Iran and UNAIDS (Cooperator).

Editorial board experience

1. Journal of research in health sciences
2. Epidemiology and health

Reviewing experience

1. International Journal of Epidemiology
2. Plos ONE
3. Iranian Biomedical Journal
4. Pan African Medical Journal
5. International Journal of Endocrinology and Metabolism
6. BMJ open
7. Journal of Current Ophthalmology
8. Journal of Research in Health sciences
9. Iranian Journal of public health
10. Public Health
11. Epidemiology and Health
12. Journal of Food Safety and hygiene
13. Iranian Journal of Epidemiology

14. Journal of School of Public Health and Institute of Public Health Research
15. Zahedan Journal of Research in Medical Science
16. Journal of Shahrekord University of Medical Sciences
17. International Journal of Epidemiologic Research
18. American Journal of Men's Health

Trainings (Short courses/ workshops)

1. 2017: “Ethics in academic education”, Hamadan University of Medical sciences, Hamadan, Iran.
2. 2016: “Educational strategies and teaching methods” School of public health, Tehran University of Medical sciences, Tehran, Iran.
3. 2015: “Outbreak detection, investigation and control” Research Centre for Emerging and Reemerging Infectious Diseases, Pasteur Institute of Iran, Akanlu, Kabudar-Ahang, Hamadan; Iran.
4. 2009: “*Research methodology*” Hamadan University of Medical Sciences, Hamadan; Iran.
5. 2011: “*Scientific writing*” Hamadan University of Medical Sciences, Hamadan; Iran.
6. 2010: “*Methods to quantify the amount of bias in epidemiological studies*” Shahroud University of Medical Sciences, Shahroud; Iran.
7. 2010: “*Hepatitis B*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
8. 2011: “*Meningitis*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
9. 2011: “*Vaccine preventable diseases*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
10. 2011: “*Food and water born diseases*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
11. 2010: “*zoonotic diseases*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
12. 2010: “*sickle cell & thalassemia*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
13. 2010: “*Cholera*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.

14. 2010: “*Avian Influenza*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
15. 2010: “*Immunization*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
16. 2010: “*surveillance of tetanus and neonatal tetanus*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
17. 2010: “*Tuberculosis*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.
18. 2009: “*Screening of diseases*” Ahvaz Jondishapour University of Medical Sciences, Ahvaz; Iran.

Skills

1. Language

Mother tongue: Persian (Farsi)

Other Language: English

- ### 2. Computer:
- STATA, R, SPSS, Win BUGS, Endnote, Review manager 5, GIS, MS Office

Memberships

Iranian Epidemiological Association (IrEA)

Research interests:

1. Observational methods in Epidemiology
2. Systematic review and meta-analysis
3. Network meta-analysis
4. Epidemiology of osteoporosis
5. Epidemiology of TB & HIV
6. Obesity