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General information

First Name: Amin

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Current Position:

Assistant 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: PhD, 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

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

26/05/2020 – present: 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: Assistant 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

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:

- 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 Epide

miology" 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. 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].
2. 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](#).
3. 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](#).
4. 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].
5. **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].
6. **Doosti-Irani A**, Mostafavi E, Nazemipour M, Mansournia MA, Haghdoost AA. Challenges for management of the COVID-19 epidemic in Iran. *Glob Epidemiol.* 2020;2:100035. [PubMed](#), [Scopus](#).
 7. 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](#).
 8. 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].
 9. 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].
 10. 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].
 11. 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](#).
 12. 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](#).

13. 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.
14. 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](#).
15. 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].
16. 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](#).
17. 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].
18. 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](#).
19. 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].

20. 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].
21. 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].
22. 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](#).
23. 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.
24. 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].
25. 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](#).
26. 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](#).

27. **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].
28. 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](#).
29. 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].
30. 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.
31. 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](#).
32. 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](#).
33. 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](#).

34. 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].
35. 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](#).
36. 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].
37. 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.
38. 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-.
39. **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].
40. **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].

41. 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].
42. **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].
43. **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].
44. 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].
45. 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].
46. **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].

47. **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](#)
48. 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](#).
49. Shah-Hosseini A, Jafari M, Mohammadi A, Sanaei R, Alavian SM, **Doosti-Irani A**, et al. *The impact of KIR–HLA genotype on hepatitis B virus clearance in Iranian infected individuals*. **Medical Microbiology and Immunology**. 2017:1-8. [PubMed](#), [ISI \[IF: 3.093\]](#)
50. **Doosti-Irani A**, Mansournia MA, Rahimi-Foroushani A, Haddad P, Holakouie-Naieni K. *Complications of stent placement in patients with esophageal cancer: A systematic review and network meta-analysis*. **PloS one**. 2017;12(10): e0184784. [PubMed](#), [ISI \[IF: 2.806\]](#)
51. Almasi-Hashiani A, **Doosti-Irani A**. "Does telomerase activity have an effect on infertility in patients with endometriosis? Methodological issues". **European Journal of Obstetrics and Gynecology and Reproductive Biology**. 2017; 216: 259. [PubMed](#), [ISI \[IF: 1.666\]](#)
52. Ghafari M, Cheraghi Z, **Doosti-Irani A**. *Occupational risk factors among Iranian farmworkers: a review of the available evidence*. **Epidemiology and health**. 2017;39. [PubMed](#), [Scopus](#).
53. Ghafari M, **Doosti-Irani A**, Amiri M, Cheraghi Z. "Prevalence of the Skipping Breakfast among the Iranian Students: A Review Article". **Iranian Journal of Public Health**. 2017;46(7):882-9. [PubMed](#), [ISI \[IF: 0.768\]](#)

- 54.** Doosti-Irani A, Mokhaeri H, Chegini Sharafi A, Aghasadeghi MR, Hajimiragha M, Saki M, et al. “Prevalence of HIV, HBV, and HCV and Related Risk Factors amongst Male Homeless People in Lorestan Province, the West of Iran”. **Journal of Research in Health Sciences**. 2017;17(1). [PubMed](#), [ISI](#).
- 55.** Z Cheraghi, E Ayoubi, **A Doosti-Irani, (Corresponding author)** “Obesity As a Risk Factor for Anthracyclines and Trastuzumab Cardiotoxicity in Breast Cancer: Methodologic Issues to Avoid Misinterpretation in the Meta-Analysis”, **Journal of Clinical Oncology**, 35 (8), 923-923, 2017. [PubMed](#), [ISI](#) [IF: 24.008].
- 56.** Ayubi E, **Doosti-Irani A**, Moghaddam AS, Khazaei S, Mansori K, Safiri S, et al. “Comparison of QuantiFERON-TB Gold In-Tube (QFT-GIT) and tuberculin skin test (TST) for diagnosis of latent tuberculosis in haemodialysis (HD) patients: a meta-analysis of κ estimates”, **Epidemiology & Infection**. 2017:1-10. [PubMed](#), [ISI](#) [IF: 2.075].
- 57.** M Nasehi, A Hashemi-Shahraki, A Doosti-Irani, S Sharafi, E Mostafavi. “Prevalence of latent tuberculosis among laboratory healthcare workers in Iran: a cross-sectional study” **Epidemiology and Health**, 39: e2017002, 2017. [PubMed](#)
- 58.** E Ayubi, S Safiri, M Sani, **A Doosti-Irani**, MA Sanjari, “Effect of Metabolic syndrome on cardiovascular, hepatic events and death in CHB patients: Methodological issues” **Hepatology**. 65 (5), 1779-1780, 2017 [PubMed](#), [ISI](#) [IF: 11.711]
- 59.** **Amin Doosti-Irani**, F Bagheri Amiri, R Khajehkazemi, E Mostafavi, “Prevalence of internet addiction among students and graduates of epidemiology, clinical science and basic science groups in Iran: a cross-sectional study”, **Iranian Journal of Epidemiology**, 13 (1), 14-21, 2017. [Scopus](#).

60. E Ayubi, S Khazaei, **Amin Doosti-Irani**, S Safiri “*Cardiac remodeling after reduction of high-flow arteriovenous fistulas in end-stage renal disease: methodological issues*”, **Hypertension Research**, **40**, 412, 2016. [PubMed](#), [ISI](#) [IF: 3.208]
61. Erfan Ayubi, **Amin Doosti-Irani**, Ali Sanjarimoghadam, Mohadese Sani, Milad Nazarzadeh, Ehsan Mostafavi, “*The clinical usefulness of Tuberculin skin test versus interferon-gamma release assays for diagnosis of latent Tuberculosis in HIV patients: A meta-analysis*”, **Plos One**. 11 (9), e0161983, 2016. [PubMed](#), [ISI](#) [IF: 3.057]
62. Zahra Cheraghi, **Amin Doosti-Irani**, Parvin Cheraghi, Sima Nejat, Saharnaz Nejat, “*Quality of Life in Elderly Iranian Population Using the QOL-Brief Questionnaire: A Systematic Review*”, **Iranian journal of public health**. 45 (8), 978-985, 2016. [PubMed](#) [IF: 0.498]
63. **Amin Doosti-Irani**, Kourosh Holakouei-Naeini, “*Determination the research priorities in the field of HIV/AIDS in Iran: a systematic review*”. **Iranian journal of public health**. 45 (9), 1149-1158, 2016 [PubMed](#), [ISI](#) [IF: 0.498]
64. Mostafavi E, Nasehi M, Hashemi-Shahraki A, Esmaeili S, Ghaderi E, Sharafi S, **Doosti-Irani Amin (Corresponding author)**. “*Comparison of tuberculin skin and QuantiFERON-TB Gold tests in detection of latent tuberculosis among health care workers in Iran*”. **Epidemiology and health**. 38, e2016032, 2016. [PubMed](#)
65. Jalili M, Entezari P, **Doosti-Irani Amin**, Masoomi R, Mirfazaelian H. “*Desmopressin effectiveness in renal colic pain management: Systematic review and meta-analysis*”. **The American Journal of Emergency Medicine**. 34 (2016) 1535–1541, 2016. [PubMed](#), [ISI](#) [IF: 1.274]
66. Jalili M, Bahreini M, **Doosti-Irani Amin**, Masoomi R, Arbab M, Mirfazaelian H. “*Ketamine-propofol combination (ketofol) vs propofol for*

- procedural sedation and analgesia: systematic review and meta-analysis*". **The American journal of emergency medicine**. 2016;34(3):558-69. [PubMed](#), [ISI](#) [IF: 1.274]
67. Ghafari Mahin, Baigi Vali, Cheraghi Zahra, **Doosti-Irani Amin (Corresponding author)**. "The Prevalence of Asymptomatic Bacteriuria in Iranian Pregnant Women: A Systematic Review and Meta-Analysis". **PloS one**. 2016;11(6):e0158031. [PubMed](#) [IF: 3.057]
68. **Doosti-Irani Amin**, Mansournia Mohammad Ali, Rahimi-Foroushani Abbas, Cheraghi Z, Holakouie-Naieni Kourosh. "Simultaneous Comparison of Efficacy and Adverse Events of Interventions for Patients with Esophageal Cancer: Protocol for a Systematic Review and Bayesian Network Meta-analysis". **Asian Pacific Journal of Cancer Prevention**. 2016; 17(2):867-72. [PubMed](#) [IF: 2.39]
69. **Doosti-Irani Amin**, Ayubi Erfan, Mostafavi Ehsan. "Tuberculin and QuantiFERON-TB-Gold tests for latent tuberculosis: a meta-analysis". **Occupational Medicine**. 2016; 66(6):437-45. [PubMed](#), [ISI](#) [IF: 1.128]
70. Ayubi Erfan, **Doosti-Irani Amin**, Mostafavi Ehsan. "Do the tuberculin skin test and the QuantiFERON-TB Gold in-tube test agree in detecting latent tuberculosis among high-risk contacts? A systematic review and meta-analysis". **Epidemiology and health**. 2015; 37 e2015043. [PubMed](#)
71. **Amin Doosti-Irani**, Zahra Cheraghi, Safoora Doosti-Irani. "Inequality in the global prevalence of HIV based on the human development index". **International Journal of Epidemiologic Research**. 2015; 2 (3): 146-151.
72. Bakhshizadeh, Fatemeh, Soheila Hekmat, Maryam Keshvari, Seyed Moayed Alavian, Ehsan Mostafavi, Hossein Keivani, **Amin Doosti-Irani**, Fatemeh Motevalli, and Bita Behnava. "Efficacy of Tenofovir Disoproxil Fumarate Therapy in Nucleoside-Analogue Naive Iranian Patients Treated for

- Chronic Hepatitis B*". **Hepatitis Monthly**. 2015; 15(5): e25749. [PubMed](#), [ISI](#) [IF: 1.932]
- 73.** Amin Doosti Irani, Abdolrazagh Hashemi Shahraki, Ebrahim Ghaderi, Mahshid Nasehi, Ehsan Mostafavi. "Lack of optimum practice among health care workers regarding tuberculosis in Iran: A knowledge, attitude, and practice study". **American Journal of Infection Control**. 2015; 43 (5): e7-e12. [PubMed](#), [ISI](#) [IF: 1.995]
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79. Zahra Cheraghi, Batul Okhovat, **Amin Doosti Irani**, Mojgan Talaei, Elham Ahmadnezhad, Mohammad Mehdi Gooya, Mahmood Soroush, Hossein Masoumi Asl, and Kourosh Holakouie-Naieni. "*Knowledge, attitude and practice about food and water-borne outbreak after massive diarrhea outbreak in Yazd province-summer 2013; Iran.*" **Int Sch Res Notices**. 2014, **Article ID 403058**, doi: 10.1155/2014/403058. eCollection 2014. [PubMed](#)
80. **Amin Doosti Irani**, Jalal Poorolajal, Alireza Khalilian, Nader Esmailnasab, Zahra Cheraghi. "*Prevalence of osteoporosis in Iran: a meta-analysis*". *Journal of Research in Medical Sciences*. 2013; 18, 759-766. [PubMed](#), [ISI \[IF: 0.812\]](#)
81. Zahra Cheraghi, **Amin Doosti Irani**, Shahab Rezaiean, Jamal Ahmadzadeh, Jalal Poorolajal, Hossein Erfani, Jalal Battaei et al. "*Influenza A (H1N1) in Hamadan Province, Western Iran in 2009: A Case-Control Study.*" **Journal of Research in Health Sciences**. 2010; 10(1):15-21. [PubMed](#), [ISI](#)
82. Jalal Poorolajal, Zahra Cheraghi, **Amin Doosti Irani**, and Shahab Rezaeian. "*Quality of cohort studies reporting post the strengthening the reporting of observational studies in epidemiology (STROBE) statement.*" **Epidemiology and health**. 2011; 33. [PubMed](#)
83. 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.*" **PloS one**. 2012; 7(12):e51446. [PubMed](#), [ISI \[IF: 3.057\]](#)
84. Jalal Poorolajal, Parvin Cheraghi, **Amin Doosti Irani**, Zahra Cheraghi, Mariam Mirfakhraei. "*Construction of Knowledge, Attitude and Practice Questionnaire for Assessing Plagiarism.*" **Iranian journal of public health**. 2012; 41(11): 54-58. [PubMed](#), [ISI \[IF: 0.498\]](#)

Books

1. Mostafavi E, Hemati P, **Doosti-Irani A**, Molaeipour L. Standardized guidelines for outbreaks detection, investigation, management and control related to IHR benefiting Syndromic Surveillance System (SSS). Tehran: Gap; 2020.
2. Doosti-Irani A, Cheraghi Z. Principles of network meta-analysis. (In press)

Report

Islamic Republic of Iran AIDS Progress Report On Monitoring of the United Nations General Assembly Special Session on HIV and AIDS National AIDS Committee Secretariat, Ministry of Health and Medical Education. Available at: http://www.unaids.org/en/dataanalysis/knowyourresponse/countryprogressreports/2014countries/IRN_narrative_report_2014_en.pdf

Papers presented in conferences:

Oral presentations

3. **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).

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