

Curriculum Vitae

Personal Information:

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- Nationality: IRAN



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Affiliation:

1	Department of Vector biology and Control, Faculty of Public Health, Kerman University of Medical Sciences, Kerman, Iran
2	Department of Vector Biology and Control of Diseases, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran.
3	Research Center of Tropical and Infectious Diseases, Kerman University of Medical Sciences, Kerman, Iran

Profiles:

Scholar	https://scholar.google.com/citations?hl=en&user=oagJbwUAAAJ&view_op=list_works&sortby=pubdate
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57202074104
Research Gate	https://www.researchgate.net/profile/Ismaeil_Alizadeh?ev=hdr_xprf&_sg=AVJcumrhWzzUGvNeLR5DOKf24Cs-7SytpXO9eaOpeNm0WO_VVGWAO1H1Ayc-Gtk8xwKhc76kH0AA9gpeLZkaUI7
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Last update 1/28/2024

Educational background:

Institute	Duration	Degree	Field
Vali Asr University of Rafsanjan (VRU), Rafsanjan, Iran	2007-2011	B.Sc	Plant Protection
Ahvaz Jundishapur University of Medical Sciences(AJUMS), Ahvaz, Iran	2014-2017	M.Sc	Medical Entomology and Vector Control
Tehran University of Medical Sciences (TUMS), Tehran, Iran	2024-now	Ph.D. student	Vector Biology and Control of Diseases

Thesis/Dissertation:

Level	Title of Thesis/Dissertation
M.Sc	Study of the repellent of Oregano essential oil (<i>Origanum Vulgare</i>) in comparison with DEET (N,N-Diethyl-Meta-Toluamide) as a synthetic repellent for personal protection against Bed Bug, <i>Cimex Lectularius</i> in vitro

Publications:

1. **Alizadeh I**, Sharififard M, Jahanifard E. Allergic reactions and dermatitis to common bed bug bites: A case report from Ahvaz, Southwest Iran. Iranian Journal of Dermatology. 2017; 20 (2), 65-67.

2. **Alizadeh I**, Sharififard M, Jahanifard E, Rajaei F, Mousavian G, Mehraghaei M. Identification, Knowledge, and Awareness of People Regarding Public Health Nuisance Insect (*Cimex lectularius*) in Southwest of Iran. Jundishapur Journal of Health Sciences. 2018; 10(3).

3. Sharififard M, **Alizadeh I**, Jahanifard E, Wang C, Azemi ME. Chemical Composition and Repellency of *Origanum vulgare* Essential Oil against *Cimex lectularius* under laboratory conditions. Journal of arthropod-borne diseases. 2018 Dec; 12(4):387.

4. **Alizadeh I**, Gorouhi MA, Aghaei Afshar A, Hayati R. Why Is the Control of Bed Bugs'(*Cimex* spp.) infestations as an Urban Environmental Health Pest Difficult? Reasons & Control Strategies. Journal of Environmental Health and Sustainable Development. 2019 Mar 10; 4(1):666-9.

5. **Alizadeh I**, Gorouhi MA, Aghaei Afshar A, Hayati R, Mirr I. Satisfaction of Mobile Users with mobile Application" Identification, Prevention, and Control of Bed Bugs": Designing and Developing Mobile Health Application. Journal of Health and Biomedical Informatics. 2019; 6(1):24-31.

6. **Alizadeh I**, Sharififard M, Jahanifard E, Saki Malehi A. A Systematic Review and Meta-Analysis of the Bed Bug Infestation (*Cimex lectularius*) as a Public Health Insect in Iran (1995 – 2019), Jundishapur J Health Sci. 2019 ; 11(4):e96788. doi: 10.5812/jjhs.96788.

7. B Vazirianzadeh, **Alizadeh I ***, A Taghavi Moghadam, M Rahdar. Determination of Scorpion Venom LD 50 of Four Species in Khuzestan Province (Southwest Of Iran). Biochem. Cell. Arch. Vol. 19, Supplement 1, pp. 2351-2354, 2019.
8. **Alizadeh I**, Gorouhi MA, Aghaei Afshar A, Iranpour A. The social impacts of bedbug infestation as an emerging public health issue: a case report. Electronic Physician. Volume: 11, Issue: 4, Pages: 7636-7642, 2019.
9. **Alizadeh I**, Jahanifard E, Sharififard M, Azemi ME. Activity of *Origanum vulgare* essential oil, as a safe green-friendly repellent for personal protection against common bed bug. Journal of Entomological Research. 2019; 43(4):413-8.
10. **Alizadeh I**, Gorouhi MA, Aghaei Afshar A, Nadalian Z. Cutaneous allergic reaction and dermatitis due to *Polyphaga aegyptiaca*: A case report. Journal of Dermatology and Cosmetic. 2020; 10 (4), 285-2.
11. **Alizadeh I**, Jahanifard E, Sharififard M, Azemi ME. Effects of Resident Education and Self-Implementation of Integrated Pest Management Strategy for Eliminating Bed Bug Infestation in Ahvaz City, Southwestern Iran. Journal of Arthropod-Borne Diseases. 2020; 14 (1), 68–77.
12. Sharififard M, **Alizadeh I**, Jahanifard E, Saki Malehi A. Prevalence and Spatial Distribution of Bed Bug, *Cimex lectularius*, Infestation in Southwest of Iran: GIS Approach. Journal of Arthropod-Borne Diseases. 2020; 14 (1), 29-37.
13. **Alizadeh I**, Jahanifard E, Sharififard M, Saki-Malehi A. Spatial Distribution of Bed bug Infestation in Infested Houses: Is There an Association between Sanitation of Houses and Bed bug Presence?. Journal of Environmental Health and Sustainable Development. 2020; 5(2):985-92.
14. Sharififard M, Jahanifard E, **Alizadeh I***, Malehi A. Investigation of species composition and prevalence rate of cockroaches in residential buildings of Ahvaz city in 2016-2017. J Health Res Commun. 2020; 6 (1) :1-13
15. **Alizadeh I**, Jahanifard E, Sharififard M. Design and Evaluation of Educational Software of Importance Health Pests based on Mobile to Increase Knowledge of Medical Sciences Students. Educational Development of Judishapur. 2020; 11(3):360-71.
16. **Alizadeh I**, Jahanifard E, Sharififard M. Bed bug bite, as an important health and urban pest. Journal of Dermatology and Cosmetic. 2020 Jul 10; 11(2):147-54.
17. Gorouhi MA, **Alizadeh I**, Afshar AA, Gohari MA. Knowledge, attitude and practice towards crimean congo hemorrhagic fever (CCHF): A survey among butchers community in Kerman city. Journal of Entomological Research. 2020; 44(3):495-500.
18. **Alizadeh I**, M A Gorouhi, A Aghaei Afshar, M Faraji, M Nakhaei Pour, F Pourchangiz. Risk of Leukemia and Brain Tumors in Children Related to Pesticide Residual in Households, and Approach to reduce its Side Effects: A narrative review. Journal of Pediatrics Review. 2021; 9 (1):9-18.
19. **Alizadeh I**, MA Gorouhi, A Aghaei Afshar, I Mirr. Design and Development of a Mobile-Based Application for Identification, Prevention, and Control of Head Lice and Survey of User Satisfaction. Journal of Health and Biomedical Informatics 7 (4), 425-434 Journal of Health and Biomedical Informatics. 2021; 7 (4), 425-434.
20. **Alizadeh I**, A Aghaei Afshar, MA Gorouhi, Shiri, Faeghe. Cutaneous reaction due to ctenocephalides felis felis: a case report. Dermatology and Cosmetic. 2021; 11 (4), 310-314.
21. **Alizadeh I**, Mohammad Amin Gorouhi, Iraj Sharifi, Zahra Zamaninasab, Teimour Hazratian, Abbas Aghaei Afshar. Risk Factors of Anthroponotic Cutaneous Leishmaniasis among Residents in Endemic Communities in Southeast of Iran in 2019. Journal of Environmental Health and Sustainable Development. 2021; 6 (1), 1219-1230.

22. M Sharififard, M Kouchak, **Alizadeh I ***, E Jahanifard. Oregano (*Origanum vulgare* subsp. *viride*) Essential Oil: Extraction, Preparation, Characterization, and Encapsulation by Chitosan-Carbomer Nanoparticles for Biomedical Application. Jundishapur Journal of Natural Pharmaceutical Products. 2021; 16(2): e101013.
23. **Alizadeh I**, A Mohammadi, M Faraji. Designing and Assessment of Disinfection of Vegetables and Fruits Educational Software based on Smartphone for Environmental Health Engineering Students, Kerman University of Medical Sciences. Toloo-e-Behdasht. 2021; 20 (2): 63-74.
24. **Alizadeh I**, Jahanifard E, Sharififard M. A Review on the Repellent Efficacy of Essential Oil of Oregano (*Origanum Vulgare* L.) to Control Pests and Vectors of Infectious Diseases. J Health Res Commun. 2021; 7 (1): 69-77.
25. Talaei B, **Alizadeh I**, Afshar AA, Seyedi F, Gorouhi MA. Status of edible insects as an alternative source of food in Iran: A review. Journal of Entomological Research. 2022; 46(2):420-7.
26. Salim Abadi Y, Sanei-Dehkordi A, Hakimi Parizi M, Aghaei Afshar A, Sharifi I, Gorouhi MA, Shirani-Bidabadi L, **Alizadeh I**. Baseline susceptibility of a wild strain of main vectors of leishmaniasis to WHO-recommended insecticides in southeastern Iran. Parasites & Vectors. 2022 Dec; 15(1):1-7.
27. Shirani-Bidabadi L, Aghaei-Afshar A, Kazemi S, **Alizadeh I**, Mirzaee M, Gorouhi MA. Investigation of head lice infection (*Pediculus humanus capitis*) and its related factors in Kerman: a brief report. Tehran University Medical Journal TUMS Publications. 2022 May 10; 80(2):120-7.
28. Milad Zandi, **I Alizadeh**, Saber Soltani, Mohebat Vali, Saeedeh Ebrahimi, Samaneh Abbasi Design and Development of a Mobile Application for the Control and Prevention of Viral Gastroenteritis as a Public Health Problem (Doctoral dissertation, Kerman University of Medical Sciences, Kerman, Iran). J Liaquat Uni Med Health Sci.2022.00931. 1-12.
29. Faraji M, **Alizadeh I**, Conti GO, Mohammadi A. Investigation of health and ecological risk attributed to the soil heavy metals in Iran: Systematic review and meta-analysis. Science of the Total Environment. 2023. 26:158925.
30. Yousefi S, Paksa A, Gorouhi MA, **Alizadeh I**, Amin M, Vahedi M, Saberi N, Zahraei-Ramazani AR. Determination of the feeding behavior of *Phlebotomus sergenti* using multiplex PCR and tent-baited Experimental Parasitology. 2023. 1;244: 108426.
31. Aghaei-Afshar A, Shirani-Bidabadi L, Sharifi I, Khosravi A, **Alizadeh I**, Amiri Z, Gorouhi MA. Establishment and mass breeding of *Phlebotomus papatasi* (Diptera: Pshychodidae) in Orzouieh county in Kerman Province, Southeast of Iran. Journal of Vector Borne Diseases. 2023.
32. A Aghaei Afshar, M Sharififard, E Jahanifard, MA Gorouhi, S Yousefi, L shirani-Bidabadi, M Faraji, **I Alizadeh***. Application of plants as eco-friendly components against common bed bugs (*Cimex lectularius* L.): a systematic review of the literature. Journal of Essential Oil Research. 2023. 4; 35(3):238-46.
33. **I Alizadeh**, Gorouhi M, Aghaei Afshar A, Ordouni M, Rohani F, Maleki Azaraki H, Shafiee Y. Cutaneous reaction due to Tarantula bites on human leg: a report of two cases. Journal of Dermatology and Cosmetic. 2023. 10;13(4):300-5.
34. Mousavi NS, Sanei-Dehkordi A, **Alizadeh I**, Zarandi AF, Rabori MM, Saberi N, Gorouhi MA. Chemical analysis of essential oils of *Thymus Carmanicus* Jalas by gas chromatography-mass spectrometry and toxicity activity against the major Iranian malaria vector, *Anopheles Stephensi*. Analytical Methods in Environmental Chemistry Journal. 2023. 28;6(01):69-78.
35. **Alizadeh I**, Shafaati M, Zandi M. Is it possible that arthropods could be an accidental reservoir for the outbreak of mpox virus in 2022? New Microbes and New Infections. 2023. 53 (2023) 101138.

36. **Alizadeh I**, Madjdzadeh SM, Aghaei Afshar A, Dehghan H, Shirani-Bidabadi L, Gorouhi MA, Musazadeh AH, Shah-Heydari R. Cutaneous reaction due to oriental hornet (*Vespa orientalis*) sting in Kerman city: A case report. Journal of Jiroft University of Medical Sciences. 2023. 10; 9(4):1160-4.
37. Milad Zandi and **Ismaeil Alizadeh**. Do Bed Bugs (*Cimex* Spp.) Can Transmit Viruses to Human? Significances of Bioengineering & Biosciences. 6(1). SBB. 000630. 2023. DOI: 10.31031/SBB.2023.06.000630.
38. Norouzi, F., **Alizadeh, I.** & Faraji, M. Human exposure to pesticides and thyroid cancer: a worldwide systematic review of the literatures. Thyroid Res 16, 13 (2023). <https://doi.org/10.1186/s13044-023-00153-9>.
39. Amirkafi A, Madjdzadeh SM, Gorouhi MA, Sanei-Dehkordi A, **Alizadeh I**, Aghaei Afshar A. Species Diversity and Distribution Pattern of Anopheline Mosquitoes (Diptera: Culicidae) in Qaleh Ganj County, Southeast of Iran. Journal of Health Sciences & Surveillance System. 2023 Jul 1;11(3):464-71.
40. Mohammad Amin Gorouhi, Arman Izadian, Mulood Mohammadi-Bavani, Alireza Sanei-Dehkordi, Amir Mohammad Habibi, Godwin Nutifafa Gidiglo, Abba Aghaei-Afshar, Seyed Massoud Madjdzadeh, Saideh Yousefi, Leila Shirani-Bidabadi, Hossein Barahoei, **Ismaeil Alizadeh**. Species Composition and Spatial Distribution of Medically Important Scorpions in the Northern Part of Kerman Province, Iran. Journal of Arthropod-Borne Diseases. In press.
41. **Alizadeh I**, Mousavi FS, Faraji M, Zandi M. From the Rio 2016 Olympics to the Paris 2024 Olympics: Is there a risk of Dengue disease? New Microbes and New Infections. 2024; 20:101220.

International and National Conferences:

1. Jahanifard, E., M. Sharififard, Sh. Navidpour, B. Masihipour and **I. Alizadeh**. Trichobothrial pattern to identify of Buthidae (Scorpionida). 1st Iranian International Congress of Entomology, 29-31 August 2015.
2. Dastkhan, H., M. Sharififard, E. Jahanifard, **I. Alizadeh** and F. Safdari. Frequency of Sarcoptes Sacbiei in Three Villages of Kohgiluyeh County. 1st Iranian International Congress of Entomology, 29-31 August 2015.
3. Jahanifard, E., M. Sharififard., **I. Alizadeh**, Kamran akbarzadeh, Saeed shahmohamadi. A case report of Myasis (*Sarcophaga* sp. Diptera: Sarcophagidae) in Hoof Horse, In Ahvaz, Khuzestan Province. The 1st National Health Science Students Congress, 24-25 December 2015.
4. Amraei R., M. Sharififard, Jahanifard, E., **I. Alizadeh**, F. Safdari. Knowledge of Slaughterhouse Worker towards Important Arthropod Born Disease in Ahvaz City. The 1st National Health Science Students Congress, 24-25 December 2015.
5. *Elham shokuhi. Ghazal Mousavian, **I Alizadeh**. Study on Attitude and Knowledge of Nurses towards Crimean-Congo Hemorrhagic Fever (CCHF) In Ahvaz City (2012).
6. Milad Zandi, Ali Ramazani, Ali Pourqayoomi, **I Alizadeh**. Zika virus disease, An Emerging tropical and infectious disease transmitted by mosquitoes (*Aedes* spp). 1st National Congress of Modern Science and Disease, 28 Feb-1Mar 2017, Ahvaz, Iran.
7. Mona. Sharififard, Elham. Jahanifard, **I Alizadeh**. Application of Essential oils, a new perspective for the control vectors of Infectious and Tropical Diseases and other public health pest. 1st National Congress of Modern Science and Disease, 28 Feb-1Mar 2017, Ahvaz, Iran.
8. Mehri Sharifinia, Babak Vazirianzadeh, **I Alizadeh**. A Laboratory Study on Trigard (Cyromazine 75%) Mortality Effects on Housefly Larvae (*Musca Domestica*, Diptera: Muscidae). 1st International Congress on Vectorborne Diseases and Climate Change & 3rd Iranian

- National Congress on Medical Entomology 3-5 December 2017, Tehran. I.R. Iran
9. **I Alizadeh**, Elham Jahanifard, Mona Sharififard. Applicable Approach Of Integrated Pest Management (Ipm) In Control Of The Bed Bug Infestation, *Cimex Lectularius* (Hemiptera:Cimicidae). 1stInternational Congress on Vectorborne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology 3-5 December 2017, Tehran. I.R. Iran.
 10. **I Alizadeh**, Mona Sharififard, Elham Jahanifard, Ghazal Mousavian, Mahmoud Mehraghahi. Knowledge and Awareness towards Common Bed Bug (*Cimex Lectularius*) In Southwest of Iran. 1stInternational Congress on Vectorborne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology 3-5 December 2017, Tehran. I.R. Iran.
 11. **I Alizadeh**, Mona Sharififard, Elham Jahanifard, Mohammad Ebrahim Azemi. Personal Protection Using Oregano Essential Oil, *Origanum Vulgare* Against The Common Bed Bug, *Cimex Lectularius* L. 1stInternational Congress On Vectorborne Diseases And Climate Change & 3rd Iranian National Congress On Medical Entomology 3-5 December 2017, Tehran. I.R. Iran.
 12. **I Alizadeh**, Elham Jahanifard, Mohammad Ebrahim Azemi, Mona Sharififard. Repel Activity Evaluation Of Oregano Essential Oil, *Origanum Vulgare*, Against *Cimex Lectularius* L. Under Laboratory Condition. 1stInternational Congress on Vectorborne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology 3-5 December 2017, Tehran. I.R. Iran.
 13. **I Alizadeh**, Mona Sharififard, Elham Jahanifard. Field Assessment of Anticuculicidal Based Rodenticide, Bromadiolone, Brodifacoum in Control of *Rattus Rattus* and *R.Norvegicus* in Southern Iran. International Conference on Integrative Approaches of Rodent Studies 27-29 January 2018 Mashhad. Iran.
 14. Elham Jahanifard, Mona Sharififard, **I Alizadeh**, Amal Saki Malehi. A neglected urban pest (*Cimex lectularius*) in southwest of Iran. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
 15. Mona Sharififard, Elham Jahanifard, **I Alizadeh**, Amal Saki Malehi. Spatial Distribution of cockroaches using GIS technique in residential buildings in Ahvaz City, Southwest Iran. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
 16. **I Alizadeh**, Mona Sharififard, Elham Jahanifard, Amal Saki Malehi, Abbas Aghaei Afshar. *Cimex lectularius* infestation in Iran: A systematic review and meta-analysis study. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
 17. Mohammad Amin Gorouhi, **I Alizadeh**, Abbas Aghaei Afshar, Najmeh Mansouri, Mahshid Shahri, Reyhaneh Zandi, Fatemeh Seyedi, Milad Ahmadi Gohari, Alireza Sanei-Dehkordi, Yaser Salim Abadi. Knowledge, Attitude and Practice towards Crimean Congo Hemorrhagic Fever (CCHF): A Survey among Butchers Community in Kerman City. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
 18. **I Alizadeh**, Mohammad Amin Gorouhi, Abbas Aghaei Afshar, Leila Shirani-Bidabadi, Saeedeh Kazemi, Razieh Moghimian, Vida Hajmohammadi, Maryam Bashkardizadeh, Milad Ahmadi Gohari. Knowledge, Attitude and Practice (K.A.P) about Anthroponotic Cutaneous Leishmaniasis among Dwellers in Endemic areas in Kerman City, Southeast of Iran. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
 19. **I Alizadeh**, Abbas Aghaei Afshar, Mohammad Amin Gorouhi, Leila Shirani-Bidabadi, Zahra Nadalian. Allergic reactions and dermatitis due to *Polyphaga aegyptiaca* (Blattodea: Polyphagidae): A case report from Rafsanjan, southeast of Iran. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.

20. **I Alizadeh**, Abbas Aghaei Afshar, Mohammad Amin Gorouhi, Arman Izadian, Elahe Golestani, Zahra Vahabi. A preliminary study on forensically important flies in Kerman city, Southeast of Iran. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
21. **I Alizadeh**, Abbas Aghaei Afshar, Mohammad Amin Gorouhi, Elmira Zahraei, Sara Nasrollahzadeh, Fatemeh Sheikhooshaghi, Azim Zaimbashi, Milad Ahmadi Gohari, Farxane Sadeqi. A Survey on Knowledge of Students and their Mothers about Head Lice Infestation in elementary Schools, Southeast of Iran. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
22. **I Alizadeh**, Abbas Aghaei Afshar, Mohammad Amin Gorouhi, Zahra Nadalian, Fatemeh Ghaseminejad. Identification, Knowledge, and Awareness of Students about Bed Bug in Kerman University of Medical Sciences. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
23. Behrouz Talaei, Mohammad Amin Gorouhi, Abbas Aghaei Afshar, **I Alizadeh**, Fatemeh Seyedi. Insects as Food: A Review on Challenges and Opportunities. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
24. **I Alizadeh**, Mohammad Amin Gorouhi, Abbas Aghaei Afshar, Leila shirani-Bidabadi, Faeghe Shiri. Risk Factors for the Incidence of Anthroponotic Cutaneous Leishmaniasis (ACL) among Residents in Suburb of Kerman City, Southeast of Iran: A Qualitative study. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
25. **I Alizadeh**, Mohammad Amin Gorouhi, Abbas Aghaei Afshar, Hadis Sadat Mansory, Fatemeh Pourchangiz, Fatemeh Hosseini, Fatemeh Ziyadini, Kosar Amirafzali, Iman Mirr. Urban Pests: Knowledge and Attitude among Residents in Kerman City and Characterizing their Diversity in Human Dwellings. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
26. **I Alizadeh**, Abbas Aghaei Afshar, Mohammad Amin Gorouhi, Kosar Amirafzali, Fatemeh Pourchangiz, Fatemeh Hosseini, Fatemeh Ziyadini, Kiana Rakhshnimehr, Hadis Sadat Mansory. Who Know the Chemical Pesticide Use In-Home Cause Cancers Risk? Knowledge and Practice among Residents in Kerman City. 5th National Congress of Student Research Committee of Rafsanjan University of Medical Sciences. Rafsanjan, IRAN, December, 11-13.
27. Mohammad Amin Gorouhi, **I Alizadeh**, Abbas Aghaei Afshar, Arman Izadiyan, Amir Mohammad Habibi. Fauna of scorpion in the Kerman city, southeast of Iran. 5th National Congress of Student Research Committee of Rafsanjan University of Medical Sciences. Rafsanjan, IRAN, December, 11-13.
28. **I Alizadeh**, Abbas Aghaei Afshar, Mohammad Amin Gorouhi, Maryam Faraji, Mohadeseh Orduni, Fatemeh Afshari, Leila Baniasadi. Pesticide Residue in Urban Households and Risk of cancers in Children: a systematic review. 5th National Congress of Student Research Committee of Rafsanjan University of Medical Sciences. Rafsanjan, IRAN, December, 11-13.

Book:

- **Ismaeil Alizadeh**, Mona Sharififard, Elham Jahanifard. Bed bug (*Cimex lectularius*): Prevent and control methods on human settlements. Khosravi Publisher; Tehran. Iran 2016. (In Persian).
- Maryam Faraji, **Ismaeil Alizadeh**, Neda Vazirinasab. Dictionary of Human Ecology. Arshadan Publisher; Tehran. Iran 2023. (In Persian).

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Teaching Experience:

- Education of Medical Entomology & Vector Control for B.Sc and M.Sc Medical Entomology & Vector Control students (2015-1017).
- Education of Medical Entomology Laboratory for Vector biology and control students (2018 up to now).
- Education of Medical Entomology Laboratory for Public health students (2018 up to now).
- Education of Urban pest for Vector biology and control students (2019 up to now).
- Education of types of sprayer pumps and urban pest control for Environmental health engineering students (2019 up to now).

Research Projects:

Ahvaz Jundishapur University of Medical Sciences (Research Projects):

1. Study the repellent of Oregano essential oil (*Origanum vulgare*) in comparison with DEET (N,N-diethyl-meta-toluamide) as a synthetic repellent for personal Protection against Bed Bug, *Cimex lectularius* in laboratory (Thesis).
2. Study the knowledge and awareness of three groups of people about bed bug (*Cimex lectularius*: Hemiptera, Cimicidae) in Ahvaz City.
3. Spatial distribution Study of bed bug prevalence using Geographic Information System (GIS) in Ahvaz.
4. Spatial Distribution of Cockroaches in Dwellings of Ahvaz City Using Geographic Information System (GIS).
5. A laboratory study on oral and topical applications of Cyromazine on housefly (a local strain) larvae (*Musca domestica*, Diptera: Muscidae).
6. A Lab study on preparation and Characterization of Nano-Capsule Essential Oil (*Origanum vulgare*. Lamiaceae) and determining it's repellent efficacy on the main vector of cutaneous leishmaniasis, *Phlebotomus papatasi*, in Iran.
7. Bioassay and Biochemical analyses of resistance of German cockroaches, *Blattella germanica*, collected from hospitals, to commonly used insecticides (cypermethrin and lambda-cyhalothrin), Ahvaz, Iran.
8. Evaluation of pesticide residues in the high-consumption, vegetable products supplied in the main field of fruit and vegetables in Ahvaz city using Gas chromatography-mass spectrometer (GC-MS).
9. Survey and determination of herbicides Residue in sugar cane soil and run off in sugar cane farms of Debal Khozaie Agro-Industry Company.

Kerman University of Medical Sciences (Research Projects):

1. Evaluation of antibacterial activity of saliva and hemolymph of *Lucilia sericata* larvae. 2020.
2. Study on fauna and ecology of scorpion in north part of Kerman province, during 2019-2020.
3. Mass rearing and maintenance of vectors of cutaneous leishmaniasis in laboratory condition in Kerman province. 2021.
4. Evaluation of susceptibility level of D.D.T, Lambda-cyhalothrin, Deltamethrin, Cyfluthrin, Permethrin on the field population of vectors of cutaneous leishmaniasis (Anthropoetic and zoonotic) in the disease foci of Kerman province in 1399-1398.
5. Investigation of fauna of Sarcophagide family flies based on height difference in Kerman city. 2020.
6. Knowledge, Attitude and Practices about Cutaneous Leishmaniasis among Dwellers in an Endemic District in Kerman County, Southeast of Iran 2019.

7. Design and construction of Mobile application on Pediculosis (identification, prevention and control) for increasing awareness and knowledge of people.
8. A Survey of Knowledge, Attitude and Practice of slaughters about Crimean Congo Hemorrhagic Fever (CCHF) in Kerman 2018-2019.
9. Design and construction of educational software and Mobile application on Morphology and Physiology of important medical insects.
10. Investigation of chemical and microbial quality of water supplied in water treatment stations in Kerman, 2022-2023.
11. Molecular study of pathogens transmitted from ticks isolated from camels in southeastern Iran.
12. Investigating the level of awareness, attitude and performance of butchers in Zarand city regarding the Crimean-Congo hemorrhagic fever (CCHF) in 1401.
13. Investigation of knowledge, attitude and practices of Kerman city residents regarding microplastics, 2022.
14. Leech breeding and its application in the treatment wounds of leishmaniasis patients in Kerman province.
15. Survey on Knowledge, Attitude and Practice of Personnel in Teaching Hospitals of Kerman City Regarding to Crimean Congo Hemorrhagic Fever (CCHF) During 2022.
16. Investigating the level of knowledge, attitude and practice of Kerman city health centers employees regarding dengue fever arboviral disease in 2022.
17. Investigation of knowledge, attitude and practices of Kerman city residents regarding microplastics, 2022.
18. Investigating the lethal effects of the essential oil extracted from *Thymus carmanicus* jalas and *Dracocephalum polychaetum* Bornm on malaria vector *Anopheles stephensi* larvae as an environmentally friendly method, 2022.
19. Investigation of the epidemiology of scorpion stings (2013-2020) and the study of the fauna and ecology of scorpions in the southeast of Kerman province, 2023.

The National Center for Strategic Research in Medical Education (Research Projects):

1. Designing and efficiency of Mobile application on Medical pests» identification, prevention and control «for increasing awareness and knowledge of the student of School of Public Health»
2. Design and construction of mobile application “washing and disinfection of vegetation and fruit” to improve awareness and knowledge of health students and the general public.
3. Design and construction of Mobile application on Malaria «identification, prevention and treatment» for increasing awareness and knowledge of vector biology and control students.

Journal Reviewer:

1. Parasites & Vectors
2. Archives of Insect Biochemistry and Physiology
3. Journal of Housing and the Built Environment
4. Environmental Science and Pollution Research

Peer Reviewer:

1. Journal of Modern Agriculture and Biotechnology:
<https://www.innovationforever.com/Journals/JMAB/PeerReviewers>

Section Editor of journal of “Community and Ecology”

- Section Collection on “Community patterns of species richness and diversity”

Editorial Board Member for “International Conference on Science, Health and Engineering”.

Cooperation in research-university center:

- Collaboration with Research Center of Tropical and Infectious Diseases, Kerman University of Medical Sciences since 2020.

Cellphone applications:

1. Android mobile application on Medical important pests « identification, prevention and control».
2. Android mobile application on Bed Bugs «Identification, Prevention and Control».
3. Android mobile application on Head Lice «Identification, Prevention and Control».
4. Android mobile application on Malaria « Identification, prevention and treatment».
5. Android mobile application on washing and disinfection of vegetation and fruit ».
6. Android mobile application on Gastroenteritis.

Technical skills:

- Bed Bug collection and rearing.
- Mechanical Bed Bug control.
- Cockroach’s collection and rearing.
- Preparation of Nano-Capsule Essential Oil and pesticide.
- Essential oil isolation by hydro-distillation method using a Clevenger-type apparatus.
- Bioassay test for control insect.

Work Experiences:

- Junior researcher in Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran (2017- 2018).
- Technical supervisor in Pest control Company in Kish Island-Iran (2016-2017).
- Technical supervisor in Pest control Company in Ahvaz-Iran (2017-2018).
- Researcher in Kerman University of Medical Sciences, Iran (2018-present).

Workshop Instructor:

- **Workshop title:** Integrated Pest Management (IPM) programs for prevention and Control of Bedbug (*Cimex Lectularius*) Infestation. **Place and Date:** 1st International Congress on Vector borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology 3-5 December 2017, Tehran. I.R. Iran.

Last update 1/28/2024

- **Workshop title:** Integrated Pest Management (IPM) programs for prevention and Control of Hotel pest. **Place and Date:** Kish Island- Kosar Hotel- Iran 2017.
- **Workshop title:** Integrated Pest Management (IPM) programs for prevention and Control of Urban pests. **Place and Date:** Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran 2015.

Attendance in International and National Congress:

1. 1st Iranian International Congress of Entomology, Tehran, IRAN; 29-31 August 2015.
2. The 1st National Health Science Students Congress, Mazandaran, IRAN; 24-25 December 2015.
3. 1st National Congress of Modern Science and Disease, Ahvaz, Iran, 28 Feb-1Mar 2017.
4. 1st International Congress on Vector borne Diseases and Climate Change & 3rd Iranian National Congress on Medical Entomology, Tehran. Iran. 3-5 December 2017.
5. International Conference on Integrative Approaches of Rodent Studies 27-29 January 2018 Mashhad. Iran.
6. 2nd International Congress of Vector-Borne Diseases & Climate Change; 4th National Congress of Medical Entomology. Shiraz University of Medical Sciences, Shiraz, IRAN; Nov. 13-15, 2019.
7. 5th National Congress of Student Research Committee of Rafsanjan University of Medical Sciences. Rafsanjan, IRAN, December, 11-13.
8. 3rd International Congress of Vector Borne Diseases and 5th National Congress of Medical Entomology Tehran. Iran. 2023.

Skills:

Language:

- Persian (Native)
- English (Good)

Other skills:

- Basic IT Skills
- Microsoft office
- SPSS software
- Minitab software
- EndNote software
- Mendeley software
- Corel Video Studio Pro software
- Edraw Max 8.6 software
- Probit-MSChart software

Awards:

1. The 1st rank in PhD Entrance Exam in Vector Biology and Control of Diseases. Iran. 2024.
2. The 1st rank among the M.Sc students researcher in Faculty of Health (AJUMS, 2016)
3. The 1st rank in Shahid Motahari festival in Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran 2015. (Member of student's team in Faculty of Health).
4. 1st prize for idea entitled “Development and production of Nano-capsule formulations (lotion, cream, spray) from the essential oil of *Origanum vulgare* plant as a repellent compound in personal protection against blood-sucking arthropods” in national start-up in the field of herbal medicines and health-oriented products in Babol University of Medical Sciences (November 2022).
5. The 1st rank in Health week festival in Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran 2014. (Member of student's team in Faculty of Health).
6. The 1st rank poster in congress " Milad Zandi, Ali Ramazani, Ali Pourqayoomi, ***Ismaeil Alizadeh**. Zika virus disease, An Emerging tropical and infectious disease transmitted by mosquitoes (*Aedes* spp). 1st National Congress of Modern Science and Disease, 28 Feb-1Mar 2017, Ahvaz, Iran".
7. The 2nd rank in grade point average of the M.Sc courses (AJUMS, 2017).

Workshops attended:

- EndNote software
- SPSS
- Submission
- Patent in Iran and World
- Persian writing article
- English writing article
- Publishing academic books with international publishers

Research Interests:

- Urban Pest Control
- Integrated Pest Management (IPM)
- Essential oil
- Pesticide
- Nano- Pesticide
- Bio- Pesticide
- Vector Control
- Biological control
- Mobile Health

Memberships:

- Iranian Society of Medical Entomology (2016-present).
- Agricultural and Natural Resources Engineering Organization of IRAN (2021- present).
- QUVAE Research and Publications (2023- present).

Hobbies:

- Playing sports (Football and futsal.)

References:

- Dr Elham Jahanifard, Email: elham.jahani56@gmail.com
- Dr Mona Sharififard, Email: sharififardm@yahoo.com
- Dr Changlu Wang, Email: changluw@rutgers.edu
- Dr Babak Vazirianzadeh, Email: babakvazir@yahoo.co.uk
- Dr Somayeh Bahrami, Email: s.bahrami@scu.ac.ir