



## CURRICULUM VITAE

### **Fariba Mozaffarian (PhD)**

Date of birth: 23 August 1970

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### **Iranian Research Institute of Plant Protection (IRIPP)**

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### **Academic qualifications**

**PhD:** 2000-2005 PhD in Agricultural Entomology; Faculty of Agriculture, Azad University, Tehran, IRAN.

Title of thesis: Investigations on geographic and host associated populations of carob moth *Etomyelois ceratoniae* (Lep. Pyralidae) using geometric morphometrics and molecular methods.

**MSc:** 1994-1997 MSc in Medical Entomology; School of Public Health, Tehran university of Medical Science, Tehran, IRAN.

Title of thesis: Investigations on the fauna and abundance of spiders in paddy fields in Gilan and Mazandaran and some of their biological behaviors in laboratory.

**BSc:** 1989-1993 Bachelor degree in Plant Protection; Faculty of Agriculture, Shiraz University

### **Research interests**

1. Taxonomy of Auchenorrhyncha
2. Population variation of insects
3. Geometric Morphometrics
4. Zoogeography

## Selected publications

### Books

- 1- **Mozaffarian, F.** (2021) Cicadas and hoppers as pests of field crops in Iran (Hemiptera: Auchenorrhyncha). Published by Iranian Research Institute of Plant Protection, 107pp. In Persian with an English summary.
- 2- **Mozaffarian, F.** (2002) Translation from English to Persian: “Road & Ken Preston Mafham (1999) spiders of the world” Kooshamehr-e-Shiraz, publication, 236 pp.

### Journals papers

- 1- Gnezdilov, V. & **Mozaffarian, F.** (2021) Review of the genus *Cavatorium* Dlabola, 1980 (Hemiptera: Auchenorrhyncha: Issidae), with description of a new species from Iran. *Zootaxa*, 5023 (4): 585–594.
- 2- Mohseni Amin, A., Kooshki, M. H., Shahverdi, M., **Mozaffarian, F.**, Nasrollahi, M., Nabati, E., Chegeni, A. & Astereki, H. (2021) Effect of planting date of Khomein native pinto bean variety on the population density of *Empoasca decipiens* and *Thrips tabaci* and their impact on crop yield indices. *Plant Pest Research*, 11 (1): 87–101.
- 3- **Mozaffarian, F.**, Sanborn, A.F. (2020) Description of the calling and courtship songs of *Tibicen esfanidarii* Dlabola, 1970, (Auchenorrhyncha: Cicadidae). *Acta Zoologica Academiae Scientiarum Hungaricae*, 66(2): 177–188.
- 4- Gnezdilov, V. & **Mozaffarian, F.** (2020) On the genera *Issidius* Puton and *Morsina* Melichar (Hemiptera: Auchenorrhyncha: Fulgoroidea: Nogodinidae: Epacriini). *Zootaxa*, 4802 (1): 157–168.
- 5- Zamharir, M. G. & **Mozaffarian, F.** & Hosseini-Gharalari (2019) Molecular Detection of Grape Decline Phytoplasma in Leafhopper Species Associated with Infected Grapevines in Iran, *Acta Phytopathologica et Entomologica Hungarica* 54 (1): 103–112.
- 6- Absavaran<sup>1</sup>, A., Mohebbi, M., Moin-Vaziri, V., Zahraei-Ramazani<sup>1</sup>, A., Akhavan, A.A., **Mozaffarian, F.**, Rafizadeh, S. & Rassi, Y. (2019) Morphometric discrimination between females of two isomorphic sand fly species, *Phlebotomus caucasicus* and *Phlebotomus mongolensis* (Diptera: Phlebotominae) in endemic and non-endemic foci of zoonotic cutaneous leishmaniasis in Iran, *Asian Pacific Journal of Tropical Medicine* 2019, 12(4): 153–162.
- 7- Özgen, ., Topdemir, A. & **Mozaffarian, F.** (2018) Additional notes on some Aphrophoridae spittlebugs of Eastern Anatolia (Hemiptera: Cercopoidea: Aphrophoridae), *International Journal of Innovative Engineering Applications*, 2 (2): 60–61.

- 8- **Mozaffarian, F.** (2018) An identification key to the species of Auchenorrhyncha of Iranian fauna recorded as pests in orchards and a review on the pest status of the species, *Zootaxa*, 4420(4): 475–501.
- 9- **Mozaffarian, F., Bourgoïn, Th. & Wilson, M. R.** (2018) Nomenclatural changes in the higher classification of the family Tettigometridae (Hemiptera: Fulgoroidea) with description of a new tribe and new species and a review of the Iranian tettigometrid fauna, *Zootaxa*, 4392 (3): 469–490.
- 10- Snegovaya, N. Yu., Cokendolpher, J. C. & **Mozaffarian, F.** (2018) The Opiliones of Iran with a description of a new genus and two new species, *Journal of Arachnology*, 46: 69–80.
- 11- **Mozaffarian, F.** (2017) Auchenorrhyncha types (Hemiptera) deposited in Hayk Mirzayans Insect Museum, *Zootaxa*, 4294(5): 559–572.
- 12- Zamani, A., **Mozaffarian, F.** (2017) Further spider (Arachnida: Araneae) material deposited in the Agricultural Zoology Museum of Iran (AZMI), Iranian Research Institute of Plant Protection, *Arachnologische Mitteilungen/ Arachnology Letters*, 54: 8–20.
- 13- Ehsani, B., Lashkari, M. R., **Mozaffarian, F.** & Mehrparvar, M. (2017) Variation of host plant-associated populations of Dubas bug, *Ommatissus lybicus* de Bergevin (Hem.: Tropicuchidae) in southern Iran, *Journal of Entomological Society of Iran*, 36(4): 297–305.
- 14- **Mozaffarian, F.**, Sanborn, A. F. (2016) Two Species of the Genus *Tibicen* Latreille, 1825 (Hemiptera: Cicadidae) in Iran, with an Identification Key to the Genera of the Family Cicadidae (Hemiptera) in the Country, *Acta Zoologica Bulgarica*, 68 (4): 469–476.
- 15- **Mozaffarian, F.**, Wilson, M. R. (2016) A checklist of the leafhoppers of Iran (Hemiptera: Auchenorrhyncha: Cicadellidae), *Zootaxa*, 4062 (1): 001–063.
- 16- **Mozaffarian, F.**, Wilson, M. R. (2015) The aphrophorid spittlebugs of Iran (Hemiptera: Cercopoidea: Aphrophoridae), *Zootaxa*, 4052 (4): 442–456.
- 17- **Mozaffarian, F.**, Saborn, A. F. (2015) *Cicadatra pazukii*, a new cicada species, with an identification key to the species of *Cicadatra* in Iran (Hemiptera: Cicadidae), *Acta Entomologica Musei Nationalis Pragae*, 55 (1): 19–27.
- 18- Abdollahi, T., Jalalizand, A.R., **Mozaffarian, F.** & Wilson, M. (2015) A faunistic study on the leafhoppers of Northwestern Iran (Hemiptera, Cicadellidae). *Zookeys*, 496: 27–51.

- 19- Abdollahi, T., Jalili-Zand, A.R. & **Mozaffarian, F.** (2014) The first report of *Macrosteles chobauti* (Hem., Cicadellidae) from Iran. *Journal of Entomological Society of Iran*, 34 (2), 27–28.
- 20- **Mozaffarian, F.** (2014) Fauna of planthoppers superfamily Fulgoroidea (Hem.: Auchenorrhyncha) in the northwestern Iran, *Journal of Field Crop Entomology*, 4(1): 1–16.
- 21- Abdollahi, T. **Mozaffarian, F.** & Jalili-Zand, A.R (2013) Key to the subfamilies of Cicadellidae (Hem: Auchenorrhyncha) in East Azarbaijan province, Iran and two new records for the region, *Applied Plant Pathology*, 2 (2): 147–155.
- 22- **Mozaffarian, F.** (2013) A preliminary study on the distribution patterns of endemic species of Fulgoromorpha (Hemiptera: Auchenorrhyncha) in Iran, *Zookeys*, 319: 231–248.
- 23- **Mozaffarian, F.**, Saborn, A. F. (2013) A new species of the genus *Cicadatra* (Hemiptera: Auchenorrhyncha) from Iran, *Acta Entomologica Musei Nationalis Pragae*, 53(1):39–48.
- 24- Aghagoli Marzijarani, N., **Mozaffarian, F.**, Vafaei Shushtari, R. (2013) Using wing geometric morphometric in identification of three species of grape cicads (Hem., Cicadidae) in Iran, *Journal of Entomological Research*, 5(1): 1–10.
- 25- Lashkari, M. R., Sahragard, A., Manzari, S., **Mozaffarian, F.**, Hosseini, R. (2013) A geometric morphometric study of the geographic populations of Asian citrus psyllid, *Diaphorina citri* (Hem.: Liviidae), in Iran and Pakistan, *Journal of Entomological Society of Iran*, 33(2): 59–71.
- 26- **Mozaffarian, F.**, Sanborn, A. F. (2012) Two new species of *Tettigetta* Kolenati from Iran (Hemiptera: Cicadomorpha: Cicadidae), *Zoology in the middle East*, 75: 119–126.
- 27- Emeljanov, A. F., **Mozaffarian, F.** (2012) A review of the Orgeriinea (Homoptera, Dictyopharidae) fauna of Iran with description of new species, *Entomological Review*, 92 (5): 521–527.
- 28- **Mozaffarian, F.**, Wilson, M. R. (2011) An annotated checklist of the planthoppers of Iran (Hemiptera, Auchenorrhyncha, Fulgoromorpha) with distribution data, *Zookeys*, 145: 1–57.
- 29- Gnezdilov, V. M., **Mozaffarian, F.** (2011) A new species of the genus *Eusarima* (Hemiptera: Fulgoroidea: Issidae) from Iran, *Acta Entomologica Musei Nationalis Pragae*, 51(2): 457–462.

- 30- **Mozaffarian, F.**, Gnezdilov, V.M. (2011) First record of *Scorlupella montana* (Hem.: Fulgoroidea: Issidae) from Iran, Journal of Entomological Society of Iran 30(2): 93–95.
- 31- **Mozaffarian, F.**, Sanborn, A. F.; Phillips, P.K. (2010) *Cicadatra lorestanica*, a new species of cicada from Iran (Hemiptera: Cicadidae), Journal of Entomological and Acarological Research, 42(1):27–37.
- 32- **Mozaffarian, F.**, Sanborn, A. F. (2010) The cicadas of Iran with the description of two new species (Hemiptera: Cicadidae). Mitteilungen aus dem Museum für Naturkunde in Berlin – Deutsche Entomologische Zeitschrift, 57(1): 69–84.
- 33- Lashkar, M., Nouri Ghanbalani, G., **Mozaffarian, F.**, Ghorbani, Kh., Fathi, A. (2009) Faunistic study of planthoppers infraorder Fulgoromorpha (Hem., Auchenorrhyncha) in different climatic regions of Gorgan, Iran, Journal of Entomological Research, Islamic Azad University, Arak Branch, 1 (2): 119–133.
- 34- **Mozaffarian, F.**, Mardi, M., Sarafrazi, A., Noori Ghanbalani, Gh. (2008) Assessment of geographic and host-associated population variations of the carob moth, *Ectomyelois ceratoniae*, on pomegranate, fig, pistachio and walnut, using AFLP markers, 9 pp. Journal of Insect Science 8:06, available online: [insectscience.org/8.06](http://insectscience.org/8.06).
- 35- **Mozaffarian, F.** (2008) Report of *Adeniana longiceps* (Hem.: Auchenorrhyncha: Cicadidae) from Iran, Journal of Entomological Society of Iran, 27(2) Supplement: 9–10.
- 36- **Mozaffarian, F.**, Sarafrazi, A., Noori Ghanbalani, Gh., Ariana, A. (2007) Morphological variation among Iranian Geographic populations of the Carob Moth, *Ectomyelois ceratoniae* (Zeller, 1839) (Lepidoptera: Pyralidae), Zoology in the Middle East, 41: 81–91.
- 37- **Mozaffarian, F.**, Sarafrazi, A., Noori Ghanbalani, Gh. (2007) Sexual dimorphism in the wing shape and size of the carob moth, *Ectomyelois ceratoniae* (Lepidoptera: Pyralidae), Journal of Entomological Society of Iran, 26(2): 61–73.
- 38- **Mozaffarian, F.**, Sarafrazi, A., Noori Ghanbalani, Gh. (2007) Host plant-associated population variation in the carob moth *Ectomyelois ceratoniae* in Iran: A geometric morphometric analysis suggests a nutritional basis, 11pp. Journal of Insect Science 7:02, available online: [insectscience.org/7.02](http://insectscience.org/7.02).
- 39- **Mozaffarian, F.**, Sarafrazi, A., Noori Ghanbalani, Gh., Ahmadian, A. (2005) Investigations on the variation of geographic populations of carob moth on fig in Iran, Journal of agricultural sciences, Special edition for agri. Technology, 11(1) 27–42.
- 40- Logunov, D.V., Marusik, Y., **Mozaffarian, F.** (2001) Faunistic review of jumping spiders of Iran (Aranei: Salticidae), Arthropoda Selecta, 10(2): 155–167.

- 41- **Mozaffarian, F.**, Marusik, Y. (2001) A checklist of Iranian spiders, *Arthropoda Selecta*, 10(1): 67–74.
- 42- **Mozaffarian, F.** (2000) First report of three Genera and two species for spider fauna of Iran. Scientific note in *Journal of Entomological society of Iran*, 20(1): 108.
- 43- **Mozaffarian, F.**, Tirgari, S., Baiat Asady, H. (2000), Investigations on the fauna of spiders in paddy fields in Mazandaran and Guilan provinces, *Entomology and Phytopathology*, 67 (1&2): 51–70.
- 44- **Mozaffarian, F.**, Tirgari, S. (2000) Field and laboratory studies on some aspects of life and behavior of spiders, *Pajouhesh & sazandegi*, 49: 102–109.

### Conference papers

- 1- **Mozaffarian, F.** & Bourgoïn, Th. (2019) Altitudinal spectrum of Tettigometridae in Iran: Relaxing Trophic Specialization for a wider etho-ecological adaptation or cryptic speciation? *Proceedings of International Auchenorrhyncha Congress*, Phuong, Vietnam, p. 101-103.
- 2- Arbabtafti, R., **Mozaffarian, F.**, Ghayeb Zamharir, M. & Eslahi, M.R. (2019) Collection and detection of candidate vectors of palm leaf dieback, *Proceedings of 3<sup>rd</sup> Iranian International Congress of Entomology*, Tabriz, Iran, p. 166.
- 3- **Mozaffarian, F.** (2018) A preliminary study on the pest status of Auchenorrhyncha (Hemiptera) in Iran, 8<sup>th</sup> European Homoptera congress, Poland, p. 56.
- 4- Gnezdilov, V. M.; Bourgoïn, Th.; **Mozaffarian, F.** & Manzari, S. (2015) Difficulties in building a molecular phylogeny of the issidoid planthopper lineages (Insecta: Hemiptera: Fulgoroidea). *Proceedings of the 1<sup>st</sup> Iranian International Congress of Entomology, Part II*, p. 218-227
- 5- Dolati, S. H., Mehrvar, A. & **Mozaffarian, F.** (2015) A new record for the fauna of planthopper of Iran (Hemiptera: Auchenorrhyncha: Delphacidae), *Proceedings of the 1<sup>st</sup> Iranian International Congress of Entomology, Part I*, p. 54
- 6- Abdollahi, T., Jalili-Zand, A.R. & **Mozaffarian, F.** (2014a) First report of *Psammotettix seriphidii* Emeljanov, 1962 from Iran. *Proceedings of 21<sup>th</sup> congress of Iranian Plant Protection (Orumiyeh)*, p. 489.
- 7- Abdollahi, T. Jalili-Zand, A.R. & **Mozaffarian, F.** (2014b) A faunistic study of the leafhoppers (Hemiptera: Auchenorrhyncha: Cicadellidae) of Ardabil province, Iran. *Proceeding of 21<sup>th</sup> congress of Iranian Plant Protection (Orumiyeh)*, p. 570.

- 8- **Mozaffarian, F.** (2012) Investigations on the fauna of planthoppers (Hemiptera: Fulgoroidea) in the North Western Iran, 20<sup>th</sup> Iranian Plant Protection congress, Shiraz, P. 133.
- 9- **Mozaffarian, F.** (2012) A preliminary study on the distribution patterns of endemic species of Fulgoromorpha (Hemiptera: Auchenorrhyncha) in Iran, Sixth European Hemiptera Congress, 25-29 June 2012, Blagoevgrad, Bulgaria, P. 76-77.
- 10- **Mozaffarian, F.**, Emeljanov, A. F. (2010) A faunestic study of the subfamily Dictyopharinae Spinola, 1839 (Auchenorrhyncha: Dictyopharidae) in Iran, 19<sup>th</sup> Iranian Plant Protection congress, Tehran, P. 128.
- 11- **Mozaffarian, F.**, Tagizadeh, M. (2010) New records of leafhoppers & planthoppers from central parts (Tehran, Semnan, Ghom, Ghazvin and Markazi provinces) of Iran, 19<sup>th</sup> Iranian Plant Protection congress, Tehran, P. 129.
- 12- Mohiseni, A., **Mozaffarian, F.**, Kooshki, M. H. (2010) Identification of the hoppers (Hom.: Cicadellidae & Delphacidae) in Bean fields and the population fluctuation of the dominant species in Borujerd, National congress of water, soil and plant, Islamic Azad university, Dezful, P.401.
- 13- Mohiseni, A., Kooshki, M. H., **Mozaffarian, F.** (2010) Investigations on the effect of planting date and variety of bean on the damage of *Empoasca decipiens* Paoli in Borujerd, National congress of water, soil and plant, Islamic Azad university, Dezful, P.400.
- 14- Aghagoli Marzijarani, N., **Mozaffarian, F.**, Vafaei Shushtari, R. (2010) Investigations on the morphological variation of populations of grape cicada *Cicadatra alhageos* (Kolenati, 1857) on wheat fields and vineyards using geometric morphometric method, 19<sup>th</sup> Iranian Plant Protection congress, Tehran, P.151.
- 15- Tavanpour, T., **Mozaffarian, F.**, Sarafrazi, A. (2010) Geometric morphometric studies in color morphs of *Cicadatra alhageos* (Kolenati 1857) populations in Iran, , 22-27 Aug, 6<sup>th</sup> Asia- Pacific congress of Entomology, China, P. 242-243.
- 16- Tavanpour, T., **Mozaffarian, F.**, Sarafrazi, A. (2009) An investigation on the morphological variations in geographic populations of *Cicadatra alhageos* (Kolenati, 1857) using geometric morphometrics, IX<sup>th</sup> European Congress of Entomology, Budapest, Hungary, P. 242-243.
- 17- **Mozaffarian, F.**, Mardi, M., Sarafrazi, A., Noori Ghanbalani, Gh. (2006) Study of the genetic variation of geographic populations of carob moth *Ectomyelois ceratoniae* (Zel.) (Lep. Pyralidae) in Iran, 17<sup>th</sup> Iranian Plant Protection congress, P. 59.

- 18- **Mozaffarian, F.**, Mardi, M., Sarafrazi, A., Noori Ghanbalani, Gh. (2006) Assessment of host fidelity in populations of carob moth *Ectomyelois ceratoniae* (Zel.), 17<sup>th</sup> Iranian Plant Protection congress, P. 293.
- 19- **Mozaffarian, F.**, Sarafrazi, A., Noori Ghanbalani, Gh. (2006) Investigations on the effect of larval feeding of carob moth *Ectomyelois ceratoniae* (Lep. Pyralidae) on adult wing shape and size in field and laboratory, 17<sup>th</sup> Iranian Plant Protection congress, P. 292.
- 20- **Mozaffarian, F.**, Sarafrazi, A., Noori Ghanbalani, Gh. (2006) Survey on sexual dimorphism in carob moth *Ectomyelois ceratoniae* (Lep. Pyralidae), 17<sup>th</sup> Iranian Plant Protection congress , P. 60.
- 21- **Mozaffarian, F.**, Jafari Nadooshan, A. (2006) Investigations on the fauna of pomegranate orchards in Iran (Arachnida: Araneae), 17<sup>th</sup> Iranian Plant Protection congress, P. 407.
- 22- **Mozaffarian, F.**, Roodsari, H., Mobasheri, M. (2004) Investigations on the fauna of spiders in cereal fields in Iran. 16<sup>th</sup> Iranian Plant Protection congress, P. 462.
- 23- Bagheri, M.R., Ebrahimi, E., **Mozaffarian, F.**, Haghghat Esfahani, G. (2004) Natural enemies of cereal stem moth (*Ochsenheimeria vacculella* F.V.R.). Iranian Plant Protection congress, P. 53.
- 24- **Mozaffarian, F.** (2002) Investigations on the fauna of spiders in orchards of Tehran and Ghazvin provinces 15<sup>th</sup> Iranian Plant Protection congress, P.95-96.
- 25- Amir Nazari, M., **Mozaffarian, F.**, Marusik, Yu. (2002) Investigations of natural enemies of wheat aphids in Karaj region, 15<sup>th</sup> Iranian Plant Protection congress, P. 13-14.
- 26- Ostovan, H., **Mozaffarian, F.** (2002) Investigations on the insect fauna of Jajrood river, 15<sup>th</sup> Iranian Plant Protection congress, P. 187.
- 27- **Mozaffarian, F.**, Farzaneh, A. (2000) Investigations on the fauna of spiders in pomegranate orchards in Markazi province, 14<sup>th</sup> Iranian Plant Protection congress, P.283.
- 28- **Mozaffarian, F.**, Khalil Aria, A., Farzaneh, A (2000) Investigations on the fauna of spiders in apple orchards in Tehran and West Azerbayejan provinces, 14<sup>th</sup> Iranian Plant Protection congress, P.262.
- 29- **Mozaffarian, F.**, Farzaneh, A. (2000) Studies on the abundance of spiders on pomegranate trees in two orchards in Saveh (Markazi province), 14<sup>th</sup> Iranian Plant Protection congress, P. 113.

30- **Mozaffarian, F.**, Bayat Asadi, H., Tirgari, S. (1998) Studies on the abundance of spiders in rice fields in central north provinces of Iran, 13<sup>th</sup> Iranian Plant Protection congress, P.48.

### **Selected research projects**

- 1- 2021–present: A taxonomic study on subfamily Megophthalminae in Iran (Auchenorrhyncha: Cicadellidae).
- 2- 2021–present: Fauna of Hemiptera in mangrove habitats of Iran.
- 3- 2021–present: Monitoring, survey and genetic characterization of *Xylella fastidiosa*, the causal agent of quick decline syndrome of olive, pierce's disease of grapevine and leaf scorch of almond and identification of vector(s) of the pathogen in different regions of Iran.
- 4- 2019–present: A faunistic study on the family Issidae and Nogodinidae (Hemiptera: Auchenorrhyncha) in Fars and Kerman provinces.
- 5- 2019–present; A faunistic study on the Superfamily Fulgoroidea (Hemiptera: Auchenorrhyncha) in Gilan, Mazandaran and Golestan provinces.
- 6- 2016–2019; A taxonomic study on the Auchenorrhyncha pests in Iran and preparing identification keys.
- 7- 2016–2018; A taxonomic study on the Families Tettigometridae and Ricaniidae in Iran.
- 8- 2015–2018; Investigations on the fauna of the leafhoppers (Hem.: Auchenorrhyncha: Cicadellidae) of the region 7 (Fars, Kohkiluyeh va Boirahmad and Chaharmahal va Bakhtiari provinces).
- 9- 2014–2016; A taxonomic study on the Superfamily Cercopooidea (Hem.: Auchenorrhyncha) in Iran.
- 10- 2013–2015; Investigations on the taxonomy of the leafhoppers (Hem.: Auchenorrhyncha: Cicadellidae) of region 3 (Azarbayejan-e Sharghi, Azarbayejan-e Gharbi, Ardabil, Zanjan and Kordestan) with emphasizing on agricultural pests.
- 11- 2011–2014; Faunistic study of planthoppers (Auchenorrhyncha: Fulgoromorpha) of South Eastern Iran (Kerman and Sistan- Baluchestan provinces, region 9 of agricultural division).
- 12- 2010–2011; Faunistic study of planthoppers (Auchenorrhyncha: Fulgoromorpha) of central Iran (Esfahan and Yazd provinces, region 6 of agricultural division).

- 13- 2009–2011; A study on the taxonomy of Cicadidae (Homoptera: Auchenorrhyncha) in region 7.
- 14- 2008–2010; Faunestic study of planthoppers of region 7 of agricultural division (Auchenorrhyncha: Fulgoromorpha).
- 15- 2008–2010; Investigations on the fauna of planthoppers of families Delphacidae and Issidae (Auchenorrhyncha: Fulgoromorpha) in the region 3 of agricultural division.
- 16- 2006–2008; Investigations on the fauna of cicadas (Homoptera: Auchenorrhyncha: Cicadidae) of region 3 and 4 (West and East Azarbayejan, Ardebil, Zanjan, Kordestan, Hamedan, Kermanshah, Ilam, Lorestan and some parts of Markazi and Ghazvin provinces).
- 17- 2006–2008; Investigations on the fauna of cicadas, spittlebugs, leafhoppers, treehoppers and planthoppers in region 1, including Tehran, Semnan, Ghom and some parts of Ghazvin and Markazi provinces (Homoptera: Auchenorrhyncha).
- 18- 2004–2005; Investigations on the variation of geographic and host associated populations of carob moth *Ectomyeolois ceratoniae* (Zel.) in Iran, using molecular methods.
- 19- 2003–2004; Identification of arthropod of natural history museum collection (part: Araneae).
- 20- 2000–2001; Investigations on the fauna of spiders in orchards in Tehran and Ghazvin provinces.
- 21- 2000–2001; Investigations on the fauna of spiders in cereal fields in Iran.
- 22- 1998–1999; Investigations on the fauna of spiders in the most important pomegranate growing areas and their population fluctuations in related to the pome pests in Saveh region.
- 23- 1997–1998; Investigations on the fauna of spiders of apple orchards in Tehran and West Azarbayejan province.

### **Thesis supervised**

- 1- Absavaran, A. (2019) Study on morphological and molecular systematic of female sand flies species of *Phlebotomus caucasicus* group and their infection rate to *Leishmania* parasites in the main endemic foci of zoonotic cutaneous leishmaniasis in Iran, (Co-adviser)

- 2- Hajiesmailian, A. (2019) Faunistic and taxonomic study on families Myrmeleontidae and Ascalaphidae (Neuroptera- Planipennia) from Iran and a survey on taxonomy of Iranian species of *Ptyngidricerus* (Neu.: Ascalaphidae) with geometric morphometric method, (Adviser)
- 3- Ehsani, B. (2017) Geometric morphometric study of some geographic and host plant - associated populations of the Dubas bug, *Ommatissus lybicus* de Bergevin (Hem.: Tropicuchidae), in south parts of Iran. (Co- adviser).
- 4- Dowlati, Sh. (2014) Investigations of the fauna of Planthoppers (Auchenorrhyncha: Fulgoroidea) in Jiroft, MSc Thesis, Faculty of Agriculture, Shahid Madani University, Tabriz, IRAN. (Adviser)
- 5- Lashkari, M. (2013) Morphometric and molecular study of the different populations of Asian citrus psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae) in south and south eastern parts of Iran. PhD thesis, Faculty of Agriculture, Gilan University, Rasht, IRAN. (Co- adviser)
- 6- Abdullahi, T. (2012- 2013) Faunestic study on leafhoppers of North Western of Iran (Hemiptera: Cicadellidae), MSc thesis, Faculty of Agriculture, Azad University. Khorasgan, IRAN. (Adviser)
- 7- Zarangi, M. (2011) Investigations on the geographic variatiuon of *Agonoscena pistaciae* Burckhardt & Lauterer in Iran, using geometric morphometrics. MSc thesis, Faculty of Agriculture, Azad University, Tehran, IRAN. (Co- adviser)
- 8- Mehdipour, M. (2011) a faunal identification of cicadas (Hemiptera: Cicadidae) of Babol and suburb using morphological and acoustic signals. MSc thesis, Faculty of Agriculture, Gilan University, Rasht, IRAN. (Co- adviser)
- 9- Lashkari, M. (2010) Faunistic study of planthoppers infraorder Fulgoromorpha (Hem.:Auchenorrhyncha) in different climatic regions of Gorgan, MSc Thesis, Faculty of Agriculture, Mohaghegh e Ardabili University, Ardabil, IRAN. (Adviser)
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populations of *Cicadatra alhageos* (Kolenati,1857) using geometric morphometric, MSc thesis, Faculty of Agriculture, Azad University, Tehran, IRAN. (Adviser)

### **Professional organizations**

- Deputy of Insect Taxonomy Research Department in Iranian Research Institute of Plant Protection (Since 2017).
- Chief- editor of Journal of Entomological Society of Iran (2016-2018).
- Chief- editor of the Newsletter of the Entomological Society of Iran (2011- 2014).
- Member of Entomological Society of Iran (Since 1996).
- Correspondence of International Society of Arachnology in Iran (Since 1999).
- Honorary member of Arachnological Society of Iran.