

Curriculum vitae (CV)



First Name: Vahid

Last Name: Mahdavi

Marital status: Married (with one child)

Date of birth: 08.09.1985

Birthplace: Moghan-Ardabil-Iran

Native language: Azari

Addresses: Ardabil- Jami Street- South Karon Street- 2 East Palestine Alley

Email: vahidmahdavi@live.com, vmeps1389@gmail.com

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Brief biography

-Education:

Ph.D. Agricultural Entomology (Nano-Toxicology)

M.Sc. Agricultural Entomology

B.Sc. Plant Protection

-Experiences:

Agriculture and Natural Resources of Research and Education Center of Ardebil

-Teaching:

Teaching at the University for 4 years

-Research Activities:

* Research interests: Formulation of plant compounds with Nanotechnology, Nanotechnology, Application of secondary metabolites of medicinal plants (essential oils and plant extracts) in pest control, Pesticide toxicology, IPM, Ecotoxicology.

*Google scholar h-index: **7**

*International articles: 23 items: ISI&JCR: 5 items, ISI: 12 items, ISC: 6 items

*National articles: 2 items

*Articles of international conferences: 4 items

*Articles of National Conferences: 16 items

* Participation in thesis: 2 items as advisor

* Educational workshops: 15 items

* Research projects: 6 items

* Educational Seminars: 1 item

* Books: 1 item

* Technical and professional skills courses: 2 items

* Member of internal journals as expert: 1 item

* International journals member as editorial board: 5 items

* International journals member as referee: 15 items

* Membership in scientific bases as referee: 1 item

* Referees at national and international conferences: 1 item

* Membership in the scientific community:

+Committee on Education and Promoting Student of Iranian Nanotechnology Association - Branch Ardabil

+ Entomological Society of America (ESA)

+ Iranian Society of Entomology (ESI)

+ Iranian Society of Mycology

+ Iranian Society of Acarology

+ Iranian Bee Society

+ Association of weeds Iran

+ Agricultural and Natural Resources Engineering Organization

+ Young Researchers Club (Islamic Azad University)

*Honors: 1 item

* Membership to scientific and research sites: 6 items

* Languages: English, Persian, Azari (English Language Certificates: MSRT, UMA-LPT)

* Computer skills: 4 items

-Education:

Ph.D. Agricultural Entomology (Nano-Toxicology), University of Mohaghegh Ardabili, Ardabil, Iran, Graduation Date: 2018, Total Grade: 19.18 (of 20)

Supervisor: Dr. Hooshang Rafiee Dastjerdi

Title of thesis: Construction and evaluation of nanoformulation of essential oils of some medicinal plants for control of potato tuber moth *Phthorimaea operculella* (Zeller)

M.Sc. Agricultural Entomology, University of Maragheh, East Azarbaijan, Iran, Graduation Date: 2011, Total Grade: 17.41

Supervisor: Prof. Dr. Moosa Saber

Title of thesis: Evaluation of susceptibility of ectoparasitoid *Habrobracon hebetor* Say (Hymenoptera: Braconidae) to chlorpyrifos, carbaryl, spinosad and abamectin insecticides and entomopathogenic fungi *Metarhizium anisoplia* and *Beauveria bassiana* in laboratory

B.Sc. Plant Protection, University of Mohaghegh Ardabili, Ardabil, Iran, Graduation Date: 2008, Total Grade: 17.26

-Experiences:

Agriculture and Natural Resources of Research and Education Center of Ardebil

-Teaching:

Teaching at the University for 4 years (University of Mohaghegh ardabili and Payam Noor University)

- * Entomology
- * Pest and disease of Plants
- * Diseases of garden plants
- * Research method in natural resources
- * Agricultural experimental design
- * Weeds and their control
- * Introduction to Computer
- * General Zoology
- * Agricultural Specialty English Language
- * Principles of Converting and Maintaining Agricultural Products
- * Fundamentals of Environmental Science

-Research Activities:

+ Research interests:

- Formulation of plant compounds with Nanotechnology
- Nanotechnology
- Application of secondary metabolites of medicinal plants (essential oils and plant extracts) in pest control
- Pesticide toxicology
- Integrated Pest Management (IPM)
- Ecotoxicology

+ Research Capabilities:

- Preparation and evaluation of nanoformulation of essential oils of medicinal plants
- Familiarization with UV-vis spect, FTIR, DRS, GC-MS and interpretation of results
- Plant extract and essential oil extraction of medicinal plants
- Cultivation of insect pathogenic fungi and determination of concentration for bioassay testing
- Ecotoxicology: Study of pesticide sublethal doses on ecological parameters
- Preparation of life tables and their analysis
- Investigate the functional responses of natural enemies and analyze them
- Rearing of *Habrobracon hebetor* parasitoid and storage and greenhouse pests
- Bioassay (chemical, herbal and microbial pesticides)
- Analysis of bioassay testing data

+ Participation in educational workshops (theoretical and practical):

- Introduction to nanofibres - Production and application
- From the micro-world to the nano world
- Nanofabrication and Nanomaterials
- Synthesis methods - Applications of Nanotechnology
- Nanotechnology characterization methods
- Application of molecular tools in Entomology
- Application of Nanotechnology in Agriculture
- Nanocomposites
- Workshop for Life Table Theory and Data Analysis (Lecturer: Prof. Dr. Hsin Chi)
- Introduction to the Magnetic Resonance Spectrometer
- Work safety in the lab
- Pest Damage Assessment Methods
- Intellectual Property and Patents - Lean Marketing Inventions
- Essay Writing

- Bioinformatics analysis and designing MicroRNA as well as small interfering RNA for the aim of gene therapy

+ Educational Seminars:

- Introduction to Nanotechnology

+ Technical and professional skills courses:

- User of medicinal plants
- Mushroom breeder

+ Honors:

- Iranian Nanotechnology Association (Ardebil Branch)

+ English Language Certificates:

-MSRT
-UMA-LPT

+ Research projects:

- Effect of herbal essential oils on *Habrobracon hebetor* Say (Hymenoptera: Braconidae) biological parameters (collaborator)
- Evaluation of herbicide efficiency in alfalfa weed control (collaborator)
- Evaluation of the effectiveness of rimsulfuron herbicide in comparison with conventional herbicides in potato fields of the country (collaborator)
- Evaluation of effect of othello (Mesosulfuron Mityl + Iodosulfuron Methyl Sodium + Diphophenicans) on wheat field weeds (collaborator)
- Preparation of weed distribution map for cotton fields using Geographic Information System (GIS) (collaborator)
- Investigation of chemical control of weeds of cotton fields in protected agricultural system (collaborator)

+Book:

- As a literary editor:

*Rafiee-Dastjerdi, H. and Khorrami, F. 2017. Pesticides - Advances in Chemical and Botanical Pesticides. (Translation in Persian). Compilation: R. P. Soundararajan. Mohaghegh Ardebil University Press. 523 pages.

+ Participation in thesis:

-As advisor:

* Farhoomand, A. 2016. The effect of extracts of four medicinal plants on ectoparasitoid wasp *Habrobracon hebetor* Say. M.Sc. Thesis, Faculty of Agriculture and Natural Resources, University of Mohaghegh Ardabili, Ardabil, Iran. 75 pp.

* Ahmadpour, R. Lethal and sublethal effects of essential oils of some medicinal plants on ectoparasitoid wasp *Habrobracon hebetor* Say. M.Sc. Thesis, Faculty of Agriculture and Natural Resources, University of Mohaghegh Ardabili, Ardabil, Iran. 67 pp.

+ Membership in the scientific community:

- *Membership in scientific societies:*

*Committee on Education and Promoting Student of Iranian Nanotechnology Association
- Branch Ardabil

* Entomological Society of America (ESA)

* Iranian Society of Entomology (ESI)

* Iranian Society of Mycology

* Iranian Society of Acarology

* Iranian Bee Society

* Association of weeds Iran

* Agricultural and Natural Resources Engineering Organization

* Young Researchers Club (Islamic Azad University)

- *Membership in Journals:*

* As a member of the editorial board:

** Academia Journal of Agricultural Research (AJAR)

** Wudpecker Journal of Agricultural Research

** International Journal of Modern Biological Research

** Journal of Applied Biotechnology

** International Journal of Microbiology and Immunology Research

* As a member of the reviewer team:

** International Journal of Pest Management (JCR)

** Journal of Crop Protection

** Agricultural Pest Management (in Persian)

** African Journal of Agricultural Research

** International Journal of Microbiology and Immunology Research

- ** Jordan Journal of Biological Sciences (JJBS)
- ** Global Advanced Research Journal of Environmental Science and Toxicology
- ** African Journal of Food, Agriculture, Nutrition and Development
- ** Basic Research Journal of Soil and Environmental Science
- ** International Journal of Medicinal Plant Research
- ** Journal of Yeast and Fungal Research
- ** Journal of Food Science and Technology African
- ** Journal of Biophysics and Structural Biology
- ** African Journal of Microbiology Research (AJMR)
- ** International Journal of Agricultural Sciences
- ** International Journal of Biodiversity and Conservation
- ** African Journal of Pharmacy and Pharmacology (AJPP)
- ** Journal of Medicine and Medical Sciences

* As a Journal expert:

- ** Agricultural Pest Management (in Persian)

- *Referees at national and international conferences:*

- * 6th International Conference on Agricultural Engineering and the Environment in Society

- *Membership in scientific bases as referee:*

- * Transstellar Journal Publications and Research Consultancy Private Limited (TJPRC)

- *Membership to scientific and research sites:*

- * Scopus
- * ResearchGate
- * Epiricus
- * Google scholar
- * ORCID
- * Academia.edu

+ Articles:

- *Journal articles:*

- * International articles:

- ** ISI & JCR:

- Mahdavi, V.**, Saber, M., Rafiee-Dastjerdi, H. and Mehrvar, A. 2011. Comparative study of the population level effects of carbaryl and abamectin on larval ectoparasitoid *Habrobracon hebetor* Say (Hymenoptera: Braconidae). *BioControl*, 56(6): 823–830. (Impact Factor 2017: 1.924).
- Golshan, H., Saber, M., Majidi-Shilsar, F., Bagheri, M. and **Mahdavi, V.** 2013. Effects of common pesticides used in rice fields on the conidial germination of different isolates of entomopathogenic fungus, *Beauveria bassiana* (Balsamo) Vuillemin. *Journal of the Entomological Research Society*. 15(1): 17-22. (Impact Factor 2017: 0.266).
- Abedi, Z., Saber, M., Vojoudi, S., **Mahdavi, V.** and Parsaeyan, E. 2014. Acute, sublethal, and combination effects of azadirachtin and *Bacillus thuringiensis* on the cotton bollworm, *Helicoverpa armigera*. *Journal of Insect Science*. 14(30): 1-9. (Impact Factor 2017: 1.324).
- Mahdavi, V.**, Saber, M., Rafiee-Dastjerdi, H. and Kamita, S. G. 2015. Lethal and Demographic Impact of Chlorpyrifos and Spinosad on the Ectoparasitoid *Habrobracon hebetor* (Say) (Hymenoptera: Braconidae). *Neotropical Entomology*, DOI 10.1007/s13744-015-0319-0 (Impact Factor 2017: 0.886).
- Mahdavi, V.**, Rafiee-Dastjerdi, H., Asadi, A., Razmjou, J., Fathi Achachlouei, B. and Kamita, Sh.J. 2017. Effective management of the *Phthorimaea operculella* (Zeller) using PVA nanofibers loaded with *Cinnamomum zeylanicum* essential oil. *American Journal of Potato Research*. 94(6): 647-657. (Impact Factor 2017: 1.156).

** ISI:

- Mahdavi, V.**, Saber, M. and Vojoudi, S. 2012. Evaluation of the effectiveness of conventional insecticides against the cowpea weevil, *Callosobruchus maculatus* (Coleoptera: Bruchidae), on four different substrate surfaces. *Acta Entomologica Sinica*, 55(4): 488-492. (ISI).
- Vojoudi, S., Saber, M., **Mahdavi, V.**, Golshan, H. and Abedi, Z. 2012. Efficacy of some insecticides against red flour beetle, *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) adults exposed on glass, ceramic tile, plastic and paper disc surfaces. *Journal of Life Sciences*. 6: 408-413. (ISI).
- Abedi, Z., Saber, M., Gharekhani, Gh., Mehrvar, A. and **Mahdavi, V.** 2012. Effects of azadirachtin, cypermethrin, methoxyfenozide and pyridalil on functional response of *Habrobracon hebetor* Say (Hym.: Braconidae). *Journal of Plant Protection Research*. 52(3): 353-358. (ISI).

- Sharifi Ziveh, P. and **Mahdavi, V.** 2012. Evaluation of the effectiveness of different herbicides on weed invasion in the fields of Triticale. *Journal of Plant Protection Research*. 52(4): 435-439. [\(ISI\)](#).
- Mahdavi, V.** 2013. Residual toxicity of some pesticides on the larval ectoparasitoid, *Habrobracon hebetor* Say (Hymenoptera: Braconidae). *Journal of Plant Protection Research*. 53(1): 27-31. [\(ISI\)](#).
- Mahdavi, V.,** Saber, M., Rafiee-Dastjerdi, H., Mehrvar, A. and Hassanpour, M. 2013. Efficacy of pesticides on the functional response on larval ectoparasitoid, *Habrobracon hebetor* Say (Hymenoptera: Braconidae). *Archives of Phytopathology and Plant Protection*. 46(7): 841-848. [\(ISI\)](#).
- Mahdavi, V.,** Saber, M., Rafiee-Dastjerdi, H. and Mehrvar, A. 2013. Susceptibility of the hymenopterian parasitoid, *Habrobracon hebetor* Say (Braconidae) to the entomopathogenic fungi *Beauveria bassiana* Vuillemin and *Metarhizium anisopliae* Sorokin. *Jordan Journal of Biological Sciences*. 6(1): 17-20. [\(ISI\)](#).
- Mahdavi, V.** and Saber, M. 2013. Functional response of *Habrobracon hebetor* Say (Hym.: Braconidae) to Mediterranean Flour Moth (*Anagasta kuehniella* Zeller) in response to pesticides. *Journal of Plant Protection Research*. 53(4): 399-403. [\(ISI\)](#).
- Mahmoodi, L. Valizadegan, O. and **Mahdavi, V.** 2014. Fumigant toxicity of *Petroselinum crispum* L. (Apiaceae) essential oil on *Trialeurodes vaporariorum* (Westwood) (Hemiptera: Aleyrodidae) adults under greenhouse conditions. *Journal of Plant Protection Research*. 53(4): 294-299. [\(ISI\)](#).
- Mahmoodi, L. Valizadegan, O. and **Mahdavi, V.** 2015. Fumigant toxicity of *Carum copticum* (Apiaceae) essential oil against greenhouse aphids (*Aphis gossypii*) (Hemiptera: Aphididae) and an analysis of its constituents. *Acta Entomologica Sinica*, 58 (2): 147-153. [\(ISI\)](#).
- Eidy, M., Rafiee-Dastjerdi, H., Zargarzadeh, F., Golizadeh, A. and **Mahdavi, V.** 2016. Pathogenicity of the entomopathogenic fungi *Beauveria bassiana* (Balsamo) and *Verticillium lecanii* (Zimmerman) against aphid *Macrosiphum rosae*, Linnaeus (Hemiptera: Aphididae) under laboratory conditions. *Jordan Journal of Biological Sciences*, 9(1): 25-28. [\(ISI\)](#).
- Naghizadeh, S., Rafiee-Dastjerdi, H., Golizadeh, A., Esmailpour, B. and **Mahdavi, V.** 2016. The effects of essential oils of *Artemisia absinthium* L., *Achillea millefolium* L. and *Artemisia dracunculus* L. against potato tuber moth, *Phthorimaea operculella* Zeller (Lepidoptera: Gelechiidae). *Jordan Journal of Agricultural Sciences*, 12(4): 1115-1123. [\(ISI\)](#).

**** ISC:**

Rahimi, A. and **Mahdavi, V.** 2013. A study of the morphological variety of honey bees in Kordestan. Technical Journal of Engineering and Applied Sciences. 3(7): 608-613. (ISC).

Rahimi, A., Asadi, M., **Mahdavi, V.** and Abdulshahi, R. 2013. Morphological characteristics of *Apis mellifera* Meda (Hym.: Apidae) in Kerman (south of Iran). Technical Journal of Engineering and Applied Sciences. 3(7): 614-624. (ISC).

Rahimi, A., **Mahdavi, V.** and Asadi, M. 2013. Study of the *Acarapis woodi* and apiaries infected with mites in Mazandaran and Kordistan. Technical Journal of Engineering and Applied Sciences. 3(9): 792-795. (ISC).

Sharifi Ziveh, P., Fadakar, F. and **Mahdavi, V.** 2013. Chemical control of Dodder (*Cuscuta* spp.) in the sugar beet fields. Technical Journal of Engineering and Applied Sciences. 3 (24): 3502-3505. (ISC).

Mahdavi, V., Rafiee-Dastjerdi, H., Asadi, A., Razmjou, J. and Fathi Achachlouei, B. 2018. Synthesis of *Zingiber officinale* essential oil-loaded nanofiber and its evaluation on the potato tuber moth, *Phthorimaea operculella* (Lepidoptera: Gelechiidae). Journal of Crop Protection. 7(1): 39-49.

Razmjou, J., **Mahdavi, V.,** Rafiee-Dastjerdi, H., Farhoomand, A. and Molapour, S. 2018. Insecticidal activities of some essential oils against larval ectoparasitoid, *Habrobracon hebetor* (Hymenoptera: Braconidae). Journal of Crop Protection. 7(2): 151-159.

*** National articles:**

Mahdavi, V. and Saber, M. 2012. Standard methods for assessing the side effects of pesticides on natural enemies. Zeyton, 32(226): 35-41.

Mahdavi, V. and Saber, M. 2014. Acute toxicity and sublethal effects of diazinon on adult stage of *Habrobracon hebetor* (Hym.: Braconidae). Agricultural Pest Management, 1(1): 36-45

- Conferences Articles:

*** International conferences:**

Mahdavi, V., Saber, M., Rafiee-Dastjerdi, H., and Mehrvar, A. 2010. Effects of some conventional and biorational insecticides on ectoparasitoid, *Habrobracon hebetor* Say (Hymenoptera: Braconidae). IXth European Congress of Entomology (ECE). 22-27 August. Budapest, Hungary.

Mahdavi, V., Saber, M., Rafiee-Dastjerdi, H., and Mehrvar, A. 2011. Sublethal effects of carbaryl and abamectin on life table parameters of the larval parasitoid *Habrobracon hebetor* Say (Hymenoptera: Braconidae). Global Conference on Entomology. 5-9 March. Chiang Mai, Thailand.

Saber, M., Abedi, Z. and **Mahdavi, V.** 2013. Lethal and sublethal effects of methoxyfenozide and pyridalyl on *Habrobracon hebetor* Say (Hymenoptera: Braconidae). 2nd Global Conference on Entomology, November 8-12, Kuching, Sarawak, Malaysia.

Rafiee-Dastjerdi, H., **Mahdavi, V.**, Asadi, A., Razmjou, J. and Fathi, B. 2017. The toxicity of nano-fiber loaded with essential oil of *Coriandrum sativum* L. on the potato tuber moth, *Phthorimaea operculella* Zeller. 6th International Conference on Nanotechnology, 9-10 February, Dubai, Emirate.

Ahmadpour, R., Rafiee-Dastjerdi, H., Naseri, B., Hassanpour, M. and **Mahdavi, V.** 2015. Sensitivity of *Habrobracon hebetor* to *Zataria multiflora* and *Foeniculum vulgare* essential oils. 3th International Conference on Sustainable Development, Strategies & Challenges with a Focus on Agriculture, Natural Resources, Environment and Tourism. Tabriz-Iran.

Ahmadpour, R., Rafiee-Dastjerdi, H., Naseri, B., Hassanpour, M. and **Mahdavi, V.** 2015. Lethal effects of *Achillea millefolium* and *Ocimum basilicum* essential oils on ectoparasitoid wasp, *Habrobracon hebetor* adults. 3th International Conference on Sustainable Development, Strategies & Challenges with a Focus on Agriculture, Natural Resources, Environment and Tourism. Tabriz-Iran.

* National conferences:

Mahdavi, V., Saber, M. and Vojoudi, S. 2010. Efficacy of chlorpyrifos, abamectin and deltamethrin against *Callosobruchus maculatus* F. (Col.: Bruchidae) adults, exposed on glass, ceramic tile, plastic and paper disc surfaces. First National Conference on Pest Management. Kerman-Iran, 365-370 pp.

Mahdavi, V., Saber, M., Rafiee-Dastjerdi, H. and Mehrvar, A. 2010. Susceptibility of *Habrobracon hebetor* Say (Hym.: Braconidae) to carbaryl, deltamethrin and

imidacloprid. 19th Iranian Plant Protection Congress, Institute of Plant Protection Research, Tehran-Iran, 194 p.

Mahdavi, V., Saber, M. and Vojoudi, S. 2010. Efficacy of chlorpyrifos, abamectin and deltamethrin against *Callosobruchus maculatus* F. (Col.: Bruchidae) adults and its parasitoid *Anisopteromalus calandrae* (Hym.: Pteromalidae). 19th Iranian Plant Protection Congress, Institute of Plant Protection Research, Tehran-Iran, 192 p.

Vojoudi, S., Saber, M. and **Mahdavi, V.** 2010. Efficacy of chlorpyrifos against red flour beetle, *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) adults exposed on different substrate surfaces. 19th Iranian Plant Protection Congress, Institute of Plant Protection Research, Tehran-Iran, 209 p.

Mahdavi, V., Saber, M., Rafiee-Dastjerdi, H. and Mehrvar, A. 2011. Evaluation of efficacy of spinosad, thiodicarb and chlorpyrifos on immature stages of ectoparasitoid, *Habrobracon hebetor* Say (Hym.: Braconidae). 2nd Iranian Pest Management Conference (IPMC2), Kerman-Iran, 297-303.

Mahdavi, V., Saber, M., Rafiee-Dastjerdi, H., Mehrvar, A. and Rahimi, A. 2011. Efficacy of conventional insecticides on the biological performance of the larval parasitoid, *Habrobracon hebetor* Say (Hym.: Braconidae). 2nd Iranian Pest Management Conference (IPMC2), Kerman-Iran, 297-303. 278-283.

Golshan, H., Saber, M., Majidi Shilsar, F. and **Mahdavi, V.** 2011. Evaluation on the interaction effects of malathion insecticide and *Beauveria bassiana* (Bassamo) Vuillemin against adults of *Tribolium castaneum* (Herbst) (Col.: Tenebrionidae). 2nd Iranian Pest Management Conference (IPMC2), Kerman-Iran, 297-303. 304-310.

Mahdavi, V., Saber, M., Rafiee-Dastjerdi, H., Mehrvar, A. and Golshan, H. 2011. The effects on the entomopathogenic fungi *Beauveria bassiana* (Balsamo) Vuillemin and *Metarhizium anisopliae* (Sorokin) on immature stages of ectoparasitoid, *Habrobracon hebetor* Say (Hym.: Braconidae). First National Congress on Science and Technology in Agriculture, Zanzan-Iran. 373-376.

Vojoudi, S., Saber, M. and **Mahdavi, V.** 2010. Efficacy of abamectin and deltamethrin against red flour beetle, *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) on four different substrate surfaces. First National Congress on Science and Technology in Agriculture, Zanzan-Iran. 350-353.

Golshan, H., Saber, M., Majidi Shilsar, F. and **Mahdavi, V.** 2011. Investigating the effect of common pesticides on rice fields on germination of different isolates of

entomopathogenic fungi *Beauveria bassiana* (Balsamo) Vuillemin. First National Congress on Science and Technology in Agriculture, Zanjan-Iran. 434-438.

Golshan, H., Saber, M., Karimi-Mandel Besar, F., Majidi Shilsar, F. and **Mahdavi, V.** 2012. Evaluation of genomic diversity of different isolates of *Beauveria bassiana* Vuillemin (Deu.: Hyphomycetes) by using RAPD-PCR technique. 20th Iranian Plant Protection Congress, University of Shiraz, Shiraz-Iran. 70 p.

Sharifi-Ziveh, P. and **Mahdavi, V.** 2013. Weed control of corn using herbicide mixing. The second national congress of organic and conventional agriculture, University of Mohaghegh Ardabili, Ardabil-Iran. 57-59.

Sharifi-Ziveh, P. and **Mahdavi, V.** 2013. Control management of Ivy (*Convolvulus arvensis*) in wheat using herbicide mixing. The second national congress of organic and conventional agriculture, University of Mohaghegh Ardabili, Ardabil-Iran. 60-63.

Tajmiri, P., Abedi, Z., **Mahdavi, V.**, Borzouei, E. and Mahmoudi, D. 2016. Arthropods diversity on raspberry (*Rubus* spp.) shrubs and population fluctuations of one of the most important predatory species on it in the central area of Guilan province. The four national congress of organic and conventional agriculture, University of Mohaghegh Ardabili, Ardabil-Iran.

Tajmiri, P., Fathi, S.A.A., Abedi, Z., **Mahdavi, V.** and Hajiramezani, M.R. 2016. Aphid's faunistic survey of Aphididae in Ardabil urban green space. The four national congress of organic and conventional agriculture, University of Mohaghegh Ardabili, Ardabil-Iran.

Jafari, M. Saber, M. and **Mahdavi, V.** 2017. The effects of methoxyfenozide and emamectin benzoate on egg parasitoid, *Trichogramma brassicae* (Hymenoptera: Trichogrammatidae). 22th Iranian Plant Protection Congress, University of Tehran, Tehran-Iran.

+ Language skills:

- English: medium
- Persian: excellent
- Azeri: mother tongue

+ Computer skills:

- *Introduction to Software:*

- * SAS Software
- * SPSS
- * Office Software
- * Polo-PC