

# CURRICULUM VITAE (10<sup>th</sup> April 2018)

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## *Personal Details*

- **Last name:** Ziaaddini Dashtekhaki
- **First name:** Mahdi
- **Date of birth:** April. 1, 1974
- **Place of birth :**Zarand, Kerman, Iran
- **Sex :** Male
- **Marital status :**Engaged, 3 Children (two daughters and a son)
- **Nationality :**Iranian
- **Physical Limitations:** None
- **Hobbies:** Volleyball, Swimming and Running

## *Current Status*

Associate Professor in Entomology involve with teaching and research.

## *Courses taught*

- Undergraduate

General Entomology, Pests of Fruit Trees

• **Graduate :**

Insect Behavior, Research Method in Entomology, Insect Chemical Ecology

***Research interest***

Pheromones, Plant-Insect Interactions, Insect Behavior, Chemical Ecology

***Education and Qualification***

1994-1997. B.S. (Plant Protection) Vali-e-Asr University of Rafsanjan. Average: 15.42

1998-2000. M.Sc (Agricultural Entomology) Isfahan University of Technology. Average: 17.05

2005-2009. Ph.D Student (Chemical Ecology) University of Tehran. Average: 17.53

***Workshop attended***

*How to Write a Competitive Proposal for Framework 7*, January 2009, Max Planck Institute for Chemical Ecology, Jena, Germany.

*How to Negotiate & Administer Fp7 Grant Agreements*, January 2009, Max Planck Institute for Chemical Ecology, Jena, Germany.

*Introduction to Endnote*, November, 2009. (Shaid Bahonar University of Kerman)

***Sabbatical Leave (2009)***

Max Planck Institute for Chemical Ecology, Dept. Evolutionary Neuroethology, Hans-Knöll-Str. 8, D-07745 Jena, Germany.

***Experience and Employment Summary***

**2000 – 2005**

**Lecturer of Entomology**, Department of Plant Protection, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran.

**2005 – 2009**

**Ph.D Student**, Dept. of Plant Protection, College of Agriculture, University of Tehran, Karaj.

**2010 – 2014**

**Assistant Professor**, Department of Plant Protection, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran.

**2015 – Present**

Associate professor of Entomology, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran.

***Positions***

**2001-2002**

Head of Department of Plant Protection, College of Agriculture, Vali-e-Asr University of Rafsanjan,

## 2002- 2004

Director of Cultural Affairs, Vali-e-Asr University of Rafsanjan,

## 2010-2013

Director of Physical Education Office, Vali-e-Asr University of Rafsanjan,

## 2013- 2014

Director of President Office and Public Relationship, Vali-e-Asr University of Rafsanjan,

## 2016- 2019

Dean College of Agriculture, Vali-e-Asr University of Rafsanjan,

### *Peer reviewed papers:*

- Forouzan, F., M. A. Jalali, **M. Ziaaddini**, and H. Hashemi Rad. **2018**. Effect of Cold Storage on Biological Traits of *Psix saccharicola* (Hymenoptera: Platygasteridae), an Egg Parasitoid of *Acrosternum arabicum* (Hemiptera: Pentatomidae). Journal of Economic Entomology.
- Safar, M., **M. Ziaaddini**, and M. Ghayourfar. **2018**. Effect of Seasonal Changes in Foraging Activity of a Subterranean Termite *Anacanthotermes vagans* (Isoptera: Hodotermitidae). Journal of Entomological Society of Iran. 38(1). In Press
- Jalali M.A, Mehrnejad M.R, Ellsworth PC, Ranjbar F, **Ziaaddini M.** **2018**. Predator performance: inferring predator switching behaviors based on nutritional indices in a coccinellid-psylla-aphid system. Pest Management science (published online) <https://doi.org/10.1002/ps.5076>.
- Moghbeli Gharaei, A., **M. Ziaaddini**, and M. A. Jalali. **2018**. The effect of different concentrations of Gamma -butyrolactone (GBL) and Methyl salicylate (MeSA) in olfactory responses of *Diaphorina citri* Kuwayama (Hem.: Psyllidae) in laboratory conditions. Plant Protection (Scientific Journal of Agriculture) 41(1): 11-22.
- Jalali M.A., Sakaki S., **Ziaaddini M.**, Daane K.M. **2018**. Temperature dependent development of *Oenopia conglobata* (L.) (Col.: Coccinellidae) fed on *Aphis gossypii* (Glover) (Hem.: Aphididae). International Journal of Tropical Insect Science (Accepted, doi:10.1017/S1742758418000267).
- Mohammadpour, M., M. A. Jalali, **M. Ziaaddini**, and H. Hashemirad. **2018**. Some biological characteristics of *Ooencyrtus pityocampae* Mercet parasitoid of *Brachynema signatum* Jakovlev under laboratory conditions. Pistachio and Health Journal 1(1):20-25.
- Jalali, M. A., and **M. Ziaaddini**. **2017**. Effects of host plant morphological features on the functional response of *Adalia bipunctata* (Coleoptera: Coccinellidae) to *Myzus persicae* (Hemiptera: Aphididae). International Journal of Pest Management 63: 309-315.
- Mohammadpour, M., **M. Ziaaddini**, M. A. Jalali, H. Hashemirad, and A. Mohammadi-Khoramabadi. **2016**. Egg parasitoids of the pistachio green stink bug, *Brachynema germari* (Hemiptera: Pentatomidae) in Kerman province, Iran. Zoology and Ecology 26: 28-34.
- Pourkhatoon, S., **M. Ziaaddini**, A. Alizadeh, M. A. Jalali, and M. Ebrahimi. **2016**. Biological Characteristic of *Brachynema germari* (Hemiptera: Pentatomidae): Comparative Study of Composite and Natural Diet. Journal of Economic Entomology 109: 1273-1282.
- Mirhosseini, M. A., J. P. Michaud, M. A. Jalali, and **M. Ziaaddini**. **2014**. Paternal effects correlate with female reproductive stimulation in the polyandrous ladybird *Cheilomenes sexmaculata*. Bulletin of entomological research 104: 480-485.
- Khosravi Shastani, S., Latifi, M. and **Ziaaddini, M.** **2015**. Influence of experience in the response of the predatory mite, *Phytoseiulus persimilis* Athias-Henriot to spider mite-induced volatiles from faba bean and lima bean leaves
- Masnavipour, M., Kazemi, S., Latifi, M. and **Ziaaddini, M.** **2014**. Fauna of edaphic mites of the subcohort Dermanyssia (Mesostigmata: Gamasina) in northwestern area of Kerman Province. taxonomy and systematics, 20(6):37-48.
- Mohammadi-Khoramabadi, A. , Klopstein, S., Asadzade, A., **Ziaaddini. M.** **2014**. First record of *Homotropus signatus* (Hym.: Ichneumonidae, Diplazontinae) from Iran. Accepted for Publish in Iranian Journal of Entomological Research.
- Mohammadpour, M., Jalalia M. A., Michaud, J. P., **Ziaaddinia, M.** and Hashemi Rad, H. **2014**. Multiparasitism of stink bug eggs: Competitive interactions between *Ooencyrtus pityocampae* and *Trissolcus agriope*. BioControl, 59(3), 279-286. doi: 10.1007/s10526-014-9565-z.

- Khosravi Shastani S., **Ziaaddini M.**, Latifi M. and Zahedi Golpayegan A. **2014**. Olfactory response of predatory mite *Phytoseiulus persimilis* to synthetic methyl salicylate. Archives Of Phytopathology And Plant Protection, 1-5. doi: 10.1080/03235408.2014.880562.
- Ziaaddini, M.**, Lotfalizadeh, H., Mohammadi Khoramabadi, A. and Jalali, M.A. **2014**. Report of *Dibrachys lignicola* Graham, 1969 (Hym.: Pteromalidae) from Iran. Journal of Entomological Society of Iran. 34(1):85-86.
- Moghbeli Gharaei, A., **Ziaaddini M.** and Jalali M. A. **2013**. Role of volatiles compounds emitted from the first and second trophic levels in host finding behavior of *Tamarixia radiata* (Hymenoptera: Eulophidae). Journal of Entomological Society of Iran, 33(3), 45-56..
- Moghbeli-Gharaei, A., **Ziaaddini, M.** Jalali, M. A. and Michaud, J.P. **2013**. Sex-specific responses of Asian citrus psyllid to volatiles of conspecific and host plant origin. Accepted for Publish in Journal of Applied Entomology.
- Mohammadpour, **Ziaaddinia, M.**, Jalalia M. A., Hashemi Rad, H. and Lotfalizadeh, H. **2013**. Identification of the egg parasitoids of green pistachio stink bug, *Brachynema signatum* and the effects of diet on adult longevity of the two parasitoids, *Ooencyrtus pityocampae* and *Trissolcus agriope*. Accepted for Publish in Iranian Journal of Entomological Research.
- Moghbeli-Gharaei, A., **Ziaaddini, M.** Jalali, M. A. and Lotfalizadeh, H. **2012**. Report of *Psyllaephagus procerus* Mercet (Hym.: Encyrtidae) as parasitoid of the *Diaphorina citri* (Hem.: Psyllidae) from Iran. Applied Entomology & Phytopathology Journal, 80(2): 91-92
- Mehrzad, N., Masnavipour, M., Kazemi, Sh., Latifi, M. and **Ziaaddini, M.** **2012**. A new record of the family Parasitidae (Acari: Mesostigmata) from Iran. Applied Entomology & Phytopathology Journal, 80(2): 47-48
- Ziaaddini, M.**, S. H. Goldansaz, A. Ashouri, and A. Ghasempour. 2010. A comparison of the calling behavior and some biological characters of three different geographic populations of *Ectomyelois ceratoniae* under laboratory conditions. Iranian Journal of Plant Protection Science, 41(1): 81-94, (Abstract in English).
- Ziaaddini, M.**, S. H. Goldansaz, A. Ashouri, and A. Ghasempour. 2011. Sexual Behavior and Male Cross-Attraction among Three Populations of the Carob Moth, *Ectomyelois ceratoniae* under Laboratory Conditions. Iranian Journal of Plant Protection Science, 42(1): 151-161 (Abstract in English).
- Ziaaddini, M.**, Hatami, B. and Seyedoleslami, H. 2002. Preliminary studies on the effect of Pheromons and Kairomones in Pistachio Twig Borer, *Hylesinus vestitus* Rey (Coleoptera: Scolytidae). *Iranian. J. Agric. Sci.* 33(3): 465-474 (Abstract in English).
- Ziaaddini, M.**, Seyedoleslami, H. and Hatami, B. 2002. Biology and seasonal occurrence of Pistachio Twig Borer, *Hylesinus vestitus* Rey (Coleoptera: Scolytidae). *Iranian. J. Agric. Sci.* 33(3): 475-487 (Abstract in English).

(ResearchGate URL: [https://www.researchgate.net/profile/Mahdi\\_Ziaaddini](https://www.researchgate.net/profile/Mahdi_Ziaaddini))

### ***Published in conference proceedings***

- Ziaaddini M. and M. A. Jalali. 2011.** The Effect of Locality on Reproductive Potential of the Carob Moth, *Ectomyelois ceratoniae* (Zeller), (Lep.: Pyralidae). GLOBAL CONFERENCE ON ENTOMOLOGY (GCE) 2011 , March 5-9, 2011, Chiang Mai, Thailand.
- Jalali, M. A. and M. Ziaaddini. 2011.** Effect of host plant on the functional response of *Adalia bipunctata* to *Myzus persicae*. GLOBAL CONFERENCE ON ENTOMOLOGY (GCE) 2011 , March 5-9, 2011, Chiang Mai, Thailand.

**Amin Moghbeli, Gharaei, Mohammad Amin Jalali, Mahdi Ziaaddini. 2012.** Olfactory Response of Asian Citrus Psyllid *Diaphorina citri* Kuwayama (Hem.: Psyllidae) to Synthetic Salicylic Acid (SA) in Y-tube Olfactometer "SEMIO-CHEMICALS: THE ESSENCE OF GREEN PEST CONTROL" Bursa. Turkey.

- **Ziaaddini, M., S. H. Goldansaz, S. B. Olsson, A. Reinecke, A. Ghasempour and B. S. Hansson.** 2010. Isolation and Identification of Sex Pheromone Compositions in Iranian Population of the Carob Moth. *19<sup>th</sup> Iranian Plant Protection Congress, Plant Protection Institute, Tehran.*
- **Ziaaddini, M., Goldansaz, S.H., Ashouri, A.** 2009. A comparison of the calling behavior of three geographic populations of *Ectomyelois ceratoniae*. "Semio-chemicals without Borders" Joint Conference of the Pheromone Groups of IOBC WPRS -IOBC EPRS, Budapest, Hungary. P. 104.
- **Ziaaddini, M., Goldansaz, S. H., Hansson, B. S.** 2009. New pheromone component of the carob moth, *Ectomyelois ceratoniae* (Lep.: Pyralidae) for Iranian Population. "Semio-chemicals without Borders" Joint Conference of the Pheromone Groups of IOBC WPRS -IOBC EPRS, Budapest, Hungary. P. 72.
- **Ziaaddini, M., S. H. Goldansaz and A. Ashouri.** 2008. Investigation on Cross-Attraction Among Three Populations of the, *Ectomyelois ceratoniae* in Flight Tunnel. *18<sup>th</sup> Iranian Plant Protection Congress, Boali Univ. Hamedan, P. 221.*
- **Ziaaddini, M., S. H. Goldansaz, A. Ashouri and H. Kishani.** 2008. Adult time emergence and reproductive behavior of *Ectomyelois ceratoniae* under laboratory conditions. *18<sup>th</sup> Iranian Plant Protection Congress, Boali Univ. Hamedan, P. 222.*
- **Kishani Farahani, H., Goldansaz, S. H., Sabahi, G., Ziaaddini, M., Haghani, S., Poorjavand, N.** 2008. Effect of host age on immature developmental time, sex ratio, and parasitism percentage of *Apanteles myeloenta* Wilkinson (Hym.: Braconidae). *Diversifying Crop Protection- La Grande- Motte, France. P77.*
- **Kishani Farahani, H., Goldansaz, S. H., Sabahi, G., Ziaaddini, M., Haghani, S.** 2008. Biology of *Apanteles myeloenta* Wilkinson (Hym.: Braconidae) the larval parasitoid of *Ectomyelois ceratoniae* (Lep.: Pyralidae). *18<sup>th</sup> Iranian Plant Protection Congress, Boali Univ. Hamedan, P. 474.*
- **Kishani Farahani, H., Goldansaz, S. H., Sabahi, G., Ziaaddini, M., Haghani, S.** 2008. Biology of *Venturia canescens* a parasitoid of *Ectomyelois ceratoniae* (Lep.: Pyralidae) *18<sup>th</sup> Iranian Plant Protection Congress, Boali Univ. Hamedan, P. 474.*
- **Kishani Farahani, H., Goldansaz, S. H., Sabahi, G., Ziaaddini, M., Haghani, S.** 2008. Effect of host on immature developmental time, sex ratio and parasitism percentage of *Apanteles myeloenta* Wilkinson (Hym.: Braconidae) *18<sup>th</sup> Iranian Plant Protection Congress, Boali Univ. Hamedan, P. 474.*
- **Ziaaddini, M., Hatami, B. and Seyedoleslami, H.** 2004. Kairomone effect of extracts over pistachio bark beetle, *Eetenoborus perrisi* (Col.: Scolytidae). *16<sup>th</sup> Iranian Plant Protection Congress. Tabriz Univ. P. 102*
- **Ziaaddini, M., Seyedoleslami, H. and Hatami, B.** 2004. Kairomone effect of extracts from *Pistacia vera* L. over *Hylesinus vestitus* Rey (Col.: Scolytidae). *16<sup>th</sup> Iranian Plant Protection Congress. Tabriz Univ. P. 103.*
- **Ziaaddini, M., Hatami, B. and Seyedoleslami, H.** 2000. The effect of kairomone and pheromone in attracting pistachio twig borer, *Hylesinus vestitus* Fuchs. (Col.: Scolytidae). *14<sup>th</sup> Iranian Plant Protection Congress. Isfahan Univ. of Technology. Isfahan, Iran. P. 104.*

## ***Research Progress Reports***

Final research progress report for Bioecology of pistachio Hull borer *Arimania komaroffi* Rogonot (Lep.: Pyralidae) in Rafsanjan of Kerman Province.

## ***Thesis supervised or was Consulted***

- Safar, M. 2015.** Foraging Behavior of a Subterranean Termite *Anacanthotermes vagas* (Isoptera:Hodotermitidae). M.Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 132 pp. (Supervisor).
- Pourkhatoon, Sima. 2014.** Laboratory Rearing of Pistachio Green Stink Bug, *Brachynama signatum* on a Composite Diet with Sub-lethal Effects Studies of Flonicamid and Lambda-cyhalothrin Pesticides on the Fertility Life Table Parameters. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 125 pp. (Supervisor).
- Afsharmanesh, Fatame. 2014.** Effects of type, color, height and concentration of pheromone-baited traps on Capture of male tomato leaf miners, *Tuta absoluta* in tomato fields. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 69 pp. (Supervisor).
- Shoae, Mahnaz. 2014.** Effects of Imidacloprid and insecticidal soap on biological parameters of ladybeetle *Hippodamia variegata*, by feeding on common pistachio psyllid in laboratory condition M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 69 pp. (Supervisor).
- Moghbeli Gharaei, Amin. 2013.** Olfactory Response of the Asian Citrus Psyllid and its Parasitoid *Tamarixia radiata* to Host-related Chemical Cues from the First and Second Trophic levels. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 125 pp. (Supervisor).
- Karimi, Morteza. 2013.** Morphological Variation Between Some Of Geographic Populations Leopard Moth In Iran, Using Geometric Morphometric Approach. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 90 pp. (Supervisor).
- Mohammadpour, Marzieh. 2013.** Biological and behavioral studies on the pentatomid hyperparasitoid *Ooencyrtus pityocampae* in association with the primary parasitoid *Trissolcus agriope* and the host pentatomid *Brachynema signatum*. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 82 pp. (Supervisor).
- Khosravi, Somayeh. 2013.** The role of host plant and prey *Tetranychus urticae* on foraging behavior of predatory mite, *Phytoseiulus persimilis*. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 90 pp. (Supervisor).
- Gholipour Shareki, Raziieh. 2013.** Temperature and host effects on biological aspect and life table of *Rhopalosiphum padi* in vitro study. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 84 pp. (Supervisor).

- Hosseini, Mohamma Rreza. 2013.** Biology and efficiency of *Oenopia conglobata contaminata* (Menetries) (Col.: Coccinellidae) by feeding on *Aphis gossypii* (Glover) under laboratory conditions. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 93 pp. (**Consultant**).
- Masnavipour, Marzie. 2013.** The Faunistic study on edaphic Mites Gamasina cohort (Acari: Mesostigmata) in Western of Kerman Province. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 108 pp. (**Consultant**) .
- Mehrzaad, Nazanin. 2013.** A faunistic survey on mesostigmatic mites (Acari) associated with Coleoptera in Bam region. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 108 pp. (**Consultant**) .
- Mohammadpour, Monire. 2012.** Rearing of the leopard moth, on three semi-artificial diets and evaluation of diets on some biological parameters. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 69 pp. (**Supervisor**).
- Hadavi, F. 2012.** Laboratory rearing of pistachio green stink bug, *Brachynama signatum* (Heteroptera: Pentatomidae) on semi artificial diet. M. Sc. Thesis, College of Agriculture, Vali-e-Asr University of Rafsanjan, Kerman, Iran. 74 pp. (**Supervisor**).



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