

Mehdi Zarabi

Assistant Professor:

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Personal Details

Address	Faculty of New Sciences and Technologies, University of Tehran, North Karegar Ave., Tehran, Iran
Date of Birth	23/09/1963, Hamadan-Iran
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Education and Degrees:

1996-2001	Ph.D. in : Insect Ecology College of Agriculture, University of Tarbiat Modaress, Tehran, IRAN Title of Thesis: Preliminary Studies of Bio ecological aspects of Sugar Beet Weevil, <i>Bothynoderes obliquifasciatus</i> Menetries (Coleoptera: Curculionidae), with emphasis on its adults Crop Loss Assessment in warm and dry regions of Esfahan Province.
1992-1994	Board Certified Entomologist Intern (BCE Intern): in General Entomology, from Texas A&M University and Entomological Society of America. Certificate No. A249. General Entomology Qualifying Exam (USA): Score of 75

1988-1991	MSc, Field of Study: Entomology College of Agriculture, Shiraz University, Shiraz, IRAN Title of Thesis: Whiteflies Fauna of Fars Province (Published in English)
1984-1988	BSc Field of Study: Plant Protection College of Agriculture, University of Tehran, Tehran, IRAN

Research Interests

1-	Insect Ecology (Insect Population dynamics and Demography)
2-	Insect- Plant Host Interaction (Whiteflies- Greenhouse Crops Interaction)
3-	Integrated Pest Management (IPM) and Integrated Participatory Pest Management (IPPM) – in General and specially on Whiteflies
4-	Whiteflies Systematic and Identification (as my hobby)

Journal Papers

1- Kozar,F. , M.A. Fowjhan and M.Zarrabi ,1996. Check list of Coccidea and Aleyrodidae (Hom.) of Afghanistan and Iran,with additional data to the Scale Insects of fruit trees in Iran. Acta Phytopathologica Hangerica 31 (1-2) ,pp. 61-74. 2- Zarrabi, M. 2000. First report of a species of <i>Aleuroclava</i> on sure orange from south of Iran (Boshehr).Appl. Ent. Phytopath., Short report, P28. 3- Zarrabi, M. 2000, Sugar Beet Plant Protection. Khabarnameh Markaze Baresi Va Tahghighe Sanat Ghande Iran. P.9-10. In Persian with English abstract. 4- Zarrabi, M. and B.V. David, 2001. The whitefly (Aleyrodidae:Hom.)
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fauna of Iran. Shashpa, 81(2):103-108.

- 5- Zarrabi, M. 2001. Plant Protection of Sugar Beet, Now and Future. Zeitun. 147:62-64. In Persian with English abstract.
- 6- Zarrabi, M., Nouri Ghanbalani, G., Khalaghani, J. And Moharramipour, S., 2002. Biology of the sugar beet weevil *Bothynoderes obliquifasciatus* Menetries in the warm and dry region of Esfahan province. Appl. Ent. Phytopath., 70(1): 37-47. In Persian with English abstract.
- 7- Hadjian, M., Fathpoor, H. and Zarrabi, M., 2005. Introduction of new species of sugar beet weevils fauna in Esfahan and investigation on their relationships. Mjaleh Pajuheshi Daneshgah Esfahan, 19 (4): 79-98. In Persian with English abstract.
- 8- Zarrabi, M. 2007. Effect of sugar beet root aphid, *Pemphigus fuscicornis* (Homoptera: Pemphigidae), on sugar beet yield and quality in Iran. Pakistan Jou. of Biological Sciences. 10 (19): 3462 -3465.
- 9- Zarrabi, M., Fathpoor, H. and Hadjian, M. 2007. Sugar Beet Weevils Fauna of Iran. Hexapoda. 14 (2): 99-105.
- 10- Haghshenas, A., Zarabi, M. and Afuni, D., 2008. Effect of sticky color trap on sugar beet flea beetle attractant in Esfahan area. Sugar beet jou., 24(1): 97-105. In Persian.
- 11- Zarrabi, M., Movahedianattar, A., 2008. Study of the host correlated morphological variation in cotton whitefly populations, *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae), in Varamin region, University of Tehran Agril., Jou., 10(1): 101-110. In Persian with English abstract.
- 12- Kordrostami, M., Zarabi, M. and Halaji Sani, M.F., 2008. The Citrus Whitefly *Dialeurodes citri* (Ashmead) (Hemiptera: Aleyrodidae), Life Cycle and Population Fluctuation in Iran. Hexapoda. 15(2): 140-142.
- 13- Yazdani, M. and Zarabi, M., 2009. Studies on Developmental Stages of

- Clitostethus arcuatus* (Coleoptera: Coccinellidae) on Ash Whitefly with Note on a New Host, *Aleyrodes singularis*. Hexapoda. 16(1):14-17.
- 14- Yazdani, M. and Zarabi, M., 2009. Study of Feeding and Life Stages of *Clitostethus arcuatus* (Col.: Coccinellidae) on Green house Whitefly, *Trialeurodes vaporariorum* (Hom.: Aleyrodidae). Hexapoda. 16(1): 61-65.
- 15- Movasaghi, S., Zarabi, M., Asemay, N. and Salehi, B. 2009. Comparative Bio-ecological Studies of Greenhouse whitefly, *Trialeurodes vaporarirum* (Westwood) (Hom.: Aleyrodidae) on Cucumber and Tomato. Hexapoda. 17(1): 76-79.
- 16- Salehi, B., Zarabi, M., Saber, S., Asemay, N. and Movasaghi, M. 2009. Plant host and Pesticide Co-effects on Fecundity rate of Greenhouse whitefly (GHWF), *Trialeurodes vaporariorum* (Westwood) (Hom.: Aleyrodidae). Hexapoda. 16(1): 130-131.
- 17- Yazdani, M. and Zarabi, M., 2010. Predation of *Clitostethus arcuatus* (Col.: Coccinellidae) on *Trialeurodes vaporariorum* (Hem.: Aleyrodidae). Biocontrol Science and Technology, 20(4):353-358.
- 18- Moradi, M. and Zarabi, M., 2010. Longevity, ovipositaion rate and egg fertility of irradiated greenhouse whitefly, *Trialeurodes vaporariorum* Westwood (Hemiptera: Aleyrodidae). Hexapoda. 17(2): 150-153.
- 19- Yazdani, M. and Zarabi, M., 2011. The effect of diet on longevity, fecundity, and the sex ratio of *Clitostethus arcuatus* (Rossi) (Coleoptera: Coccinellidae). Journal of Asia-Pacific Entomology, 14: 349-352.

Conference Papers

1	Zarrabi, M., 1996. Aleyrodid species on Citrus plants of Iran. Proceeding of 12 th Iranian Plant Protection Congress. P 217. Abstracts in English and Persian.
2	Zarrabi, M., 1998. Insect Fauna of 27 medicinal plant species in two geographical zone, North of Tehran and Yasuj (Kohkiluyeh and Boyer Ahmad Province). Proceeding of 13 th Iranian Plant Protection Congress. P 225. Abstracts in English and Persian.
3	Zarrabi, M., 1998. Aleyrodid fauna of Hamadan and suburbs. Proceeding of 13 th Iranian Plant Protection Congress. P 224. Abstracts in English and Persian.
4	Zarrabi, M., 1998. Aleyrodid species of forest and pasturage plants of Fars province. Proceeding of 13 th Iranian Plant Protection Congress. P 182. Abstracts in English and Persian.
5	Zarrabi, M., 1998. Decreasing of insecticides application in the agroecosystems, is the necessity to retain the ecological equilibrium. Proceeding of 7 th Iranian Congress of Biology. P 143. Abstracts in English and Persian.
6	Zarrabi, M., 1999. Report of the genus <i>Bemisia</i> (Homoptera: Aleyrodidae) on Pistachio in Iran. The first plant protection conference on Oak and Wild Pistachio in Zagros. P 22. Abstracts in English and Persian.
7	Hadjian, M., Fathpoor, H. and Zarrabi, M., 2000. weevil's fauna of Sugar beet fields in Esfahan Province. The 9 th Iranian Conference of Biology, P. 45. Abstracts in English and Persian.
8	Zarrabi, M. And Andrei, M., 2000. Investigation on the death causes of the adult sugar beet weevil <i>Bothynoderes obliquifasciatus</i> Menetries (Col.: Curculionidae) in sugar beet fields of warm region in Esfahan Province.

	Proceeding of 14 th Iranian Plant Protection Congress. P 242. Abstracts in English and Persian.
9	Zarrabi, M. And Nouri, G., 2000. Population fluctuation of sugar beet weevil <i>Bothynoderes obliquifasciatus</i> Menetries (Col.: Curculionidae) in warm and dry region of Esfahan Province during 1998-99. Proceeding of 14 th Iranian Plant Protection Congress. P 49. Abstracts in English and Persian.
10	Zarrabi, M., Nouri, G. And Moharamipour, S., 2000. Preliminary studies on biology of the sugar beet weevil <i>Bothynoderes obliquifasciatus</i> Menetries (Col.: Curculionidae) in warm and dry region of Esfahan Province during 1998-99. Proceeding of 14 th Iranian Plant Protection Congress. P 48. Abstracts in English and Persian.
11	Bazrafshan, M., Zarrabi, M. And Ebrahimian, H.R., 2000. Investigation on quality and quantity of different sugar beet varieties in grower's condition for establishing its ICM strategy. The 6 th Iranian Congress of Agronomy. P. 129-130. Abstract in Persian.
12	Zarrabi, M., 2000. Investigation on quality and quantity of sensitive and resistant sugar beet varieties to Rhizomania disease in Esfahan Province. The 6 th Iranian Congress of Agronomy. P. 130-131. Abstract in Persian.
13	Bazrafshan, M., Zarrabi, M. And Ebrahimian, H.R., 2000. Effect of the previous culture on quality and quantity of five sugar beet varieties with emphasis on its IPM strategy. The 6 th Iranian Congress of Agronomy. P. 489-490. Abstract in Persian.
14	Zarrabi, M. 2000. Sugar beet production and pest management program in Iran . V National Conference of Applied Zoologists Research Association (AZRA), Madras Christian College, India. Abstract in English.
15	Zarrabi, M., Nouri, G. And Khalaghani, J. 2000. Effect of sugar beet

	weevil, <i>Bothynoderes obliquifasciatus</i> ,Feeding on yield of the spring sugar beet. . V National Conference of Applied Zoologists Research Association (AZRA), Madras Christian College,India. Abstract in English.
16	Zarrabi, M. 2000. Sugar beet weevils and their IPM practices in Iran. V National Conference of Applied Zoologists Research Association (AZRA), Madras Christian College,India. Abstract in English.
17	Zarrabi, M., Nouri Ghanbalani,G. 2001. Bionomics of <i>Bothynoderes obliquifasciatus</i> Menetries (Col.: Curculionidae)and its IPM strategy in sugar beet in Iran.64 th Congress of the International Institute of Beet Research (IIRB),Belgium. Abstract and full paper in English.
18	Zarrabi,M., and Abdollahi,G.A. 2002.Sugar beet IPM program and practices in Iran.Proceeding of the 65 th Congress of the International Institute of Beet Research (IIRB),Belgium. Abstract and full paper in English.
19	Zarrabi,M., Abdollahi, G.A., Heidari, A., Salimi, H. and Bagdadi, A. 2004. Integrated Sugar Beet Management Research Program and Practices in Iran. XXII International Congress of Entomology, Australia. Abstract in English.
20	Zarrabi, M., Bagdadi,A. 2004. The IPM Practices for Controlling the Main Sugar Beet Weevils in Iran. XXII International Congress of Entomology,Australia. Abstract in English.
21	Zarrabi,M., Fathpoor,H. and Hadjian,M. 2005.Sugar beet Curculionids fauna in the beet farms of warm and dry region of Iran.Proceeding of the 68 th Congress of the International Institute of Beet Research (IIRB),Netherland. Abstract and full paper in English.
22	Zarrabi,M., and Namazi,Y. 2005.Crop loss assessment and economic injury level of Sugar beet root aphid <i>Pemphigus fuscicornis</i> (Koch) in arid

	regions of Iran.Proceeding of the 68 th Congress of the International Institute of Beet Research (IIRB), Netherland. Abstract and full paper in English.
23	Zarrabi, M. 2006. Host Correlated Morphological Variation in Cotton Whitefly's, <i>Bemisia tabaci</i> Gennadius (Homoptera:Aleyrodidae), Populations Throughout of IRAN. VIII th European Congress of Entomology, Izmir,Turkey. Abstract in English.
24	Zarrabi, M.,Fathpoor, H. and Hadjian, M. 2006. Sugar Beet Weevil's Fauna of Iran, Distribution and Economic Importance. VIII th European Congress of Entomology, Izmir, Turkey. Abstract in English.
25	Zarrabi, M. and Kozar, F. 2006. Check List of Scale Insects Species of IRAN. VIII th European Congress of Entomology, Izmir,Turkey. Abstract in English.
26	Zarrabi, M. 2006. Application of Some Microelements Instead of Insecticides Usage Against <i>Caradrina exiqua</i> as a Model of Sustainable Agriculture in Sugar Beet Agroecosystems. VIII th European Congress of Entomology, Izmir,Turkey. Abstract in English.
27	Zarrabi, M. and Tabatabaei, S.M.F., 2005. Adaptation of some medicinal varieties and their pest species in Zanzan-Iran. Congress of sustainable development of medicinal plants in Iran. P. 311-12. Abstracts in Persian and English and short Paper in Persian.
28	Zarrabi, M. And Khaliliazar, A., 2006. The dangerous effect of Chemical fertilizers and pesticides in agroecosystems. The first congress of environment engineering. University of Tehran.p. 480. Abstract in Persian.
29	Zarrabi, M., 2006. Pesticides, Mycotoxins and Food safety. The Congress of Health, safety and Environment (HSE). P. 58. Abstract in Persian.
30	Zarrabi, M. 2007. Sugar Beet Integrated Participatory pest Management

	(IPPM), A Model Pilot in Iran. 70 th International Congress of Sugarbeet Research (IIRB), Marrkesh, Morroco.P.85. Abstract in English.
31	Zarrabi, M., 2007. Dangers of Pesticides usages in environment of country and its future vision. The congress of Environment and clean land of Iran. P. 3. Abstract in Persian.
32	Zarrabi, M., 2008. An experience of using ecological method for Sunn pests' control in Iran. XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
33	Zarrabi, M., 2008. Plant's tolerance to insect pests attack, an effectiveness method for decreasing pesticides application. XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
34	Movasaghi, S., Zarrabi, M., Asemany, N. and Salehi, B., 2008. Bio-ecological Comparative Studies of Greenhouse whitefly, <i>Trialeurodes vaporarirum</i> (Westwood) (Hom.: Aleyrodidae) on Cucumber and Tomato. XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
35	Salehi, B., Zarrabi, m. Asemany, N. and Movasaghi, S., 2008. Plant host and insecticide effects on some bio-ecological parameters of Greenhouse whitefly, <i>Trialeurodes vaporariorum</i> (Westwood) (Hom.: Aleyrodidae). XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
36	Kordrostami, M., Zarabi, M. and Halajisani, M.F., 2008. Citrus Whitefly, <i>Dialeurodes citri</i> (Ashmead)(Hom.:Aleyrodidae), Life Cycle and Population Fluctuation studies in Iran. XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
37	Yazdani, M. Zarrabi, M. and Yazdani, A., 2008. Investigation on developmental stages and host range of <i>Clitostethus arcuatus</i> (Col.:

	Coccinellidae). XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
38	Yazdani, M. Zarrabi, M., 2008. Study of Feeding and Life Stages of <i>Clitostethus arcuatus</i> (Col.: Coccinellidae) on Green house Whitefly, <i>Trialeurodes vaporarirum</i> (Hom.: Aleyrodidae). XIII International Congress of Entomology. Durban, South Africa. E-file abstract in English.
39	Halajisani, M.F., Zarabi, M. and Kordrostami, M., 2008. Study of Citrus Whitefly, <i>Dialeurodes citri</i> (Ashmead)(Hom.:Aleyrodidae) Biology in North region of Iran. 17 th National Congress of Plant Protection. Hamadan. Iran. Abstract in English.
40	Zarabi, M., Samia, M.A. and Jalali,M., 2008. Investigation on genetically and morphologically characters of different populations of <i>Bemisia tabaci</i> , on some host plants. 3 rd European Whitefly Symposium. Spain, Abstract No. 07P.
41	Salehi, B., Zarabi, M., Saber, M., Asemani,N. and Movasaghi, S., 2008. The Effect of Abamectin on early stages survivorship of Greenhouse whitefly, <i>Trialeurodes vaporariorum</i> on two host plants. 3 rd European Whitefly Symposium. Spain, Abstract No. 39P.
42	Yazdani,M. and Zarabi, M., 2008. Predatory Potential of <i>Clitostethus arcuatus</i> Rossi (Col.: Coccinellidae) on <i>Trialeurodes vaporariorum</i> (Westwood) (Hom.: Aleyrodidae).3 rd European Whitefly Symposium. Spain, Abstract No. 57P.
43	Yazdani,M. and Zarabi, M., 2008. Influence of Different Food Diets on Longevity and Fecundity of <i>Clitostethus arcuatus</i> (Col.: Coccinellidae), as a Predator of Two Whiteflies Species. 3 rd European Whitefly Symposium. Spain, Abstract No. 44L.
44	Asemani, N., Zarabi, M., Sahebani, N., Salehi, B. and Movasaghi, S.,

	2008. Investigation the Effect of Salicylic Acid on Different Life Stages of the Greenhouse whitefly, <i>Trialeurodes vaporariorum</i> on Cucumber. 3 rd European Whitefly Symposium. Spain, Abstract No. 24L.
45	Kordrostami, M., Zarabi, M. and Halajisani, M.F. 2008. Fecundity of the Citrus whitefly, <i>Dialeurodes citri</i> , on three varieties of citrus. 3 rd European Whitefly Symposium. Spain, Abstract No. 33P.
46	Salehi, B., Zarabi, M. and Movasaghi, S., 2009. Effect of Abamectin and Imidaclopride on Adult of Green House Whitefly (GHW), <i>Trialeurodes vaporariorum</i> (Westwood) reared on Cucumber. The 4th International Cucurbitaceae Symposium, China, P.106.
47	Salehi, B., Zarabi, M. and Movasaghi, S., 2009. Green House Whitefly-Insecticide Interaction on Different Cucumber Variates. The 4th International Cucurbitaceae Symposium, China, P.107.
48	Movasaghi, S., Zarabi, M. and Salehi, B., 2009. Host Preference of Green House Whitefly (GHW), <i>Trialeurodes vaporariorum</i> (Westwood) on Different Varieties of Cucumber. The 4th International Cucurbitaceae Symposium, China, P.107.
49	Zarabi, M., Movasaghi, S., Salehi, B., Moradi, M. and Asemay, N., 2009. Green House Whitefly (GHW), <i>Trialeurodes vaporariorum</i> (Westwood) IPM Strategy for Glass House Organic Cucumber Production in IRAN. The 4th International Cucurbitaceae Symposium, China, P.122.
50	Moradi, M., Zarabi, M., Majdabadi, M., Movasaghi, S. and Pirvali, N., 2009. Investigation on Death rate and Fecundity of Irradiated Green House Whitefly (GHW), <i>Trialeurodes vaporariorum</i> (Westwood), Reared on Glass House Cucumber. The 4th International Cucurbitaceae Symposium, China, P.30.
51	Samih, M.A. and Zarrabi, M., 2010. Biological Traits and fertility life table

	of <i>Bemisia tabaci</i> (genn.) and <i>Bemisia argentifolii</i> Bellows and Perring (<i>B. tabaci</i> B-biotype) (Hemiptera: Aleyrodidae) on cotton and rapeseed in laboratory. IX th European Congress of Entomology, Hungary. P.129.
52	Pourshahid, B., Zarrabi, M., Samia, M. and Movasaghi, S., 2010. Host Plant effect on life table parameters of Silverleaf Whitefly <i>Bemisia argentifolii</i> Bellows and Perring (Hemiptera: Aleyrodidae). IX th European Congress of Entomology, Hungary. P.137.
53	Movasaghi, S., Zarrabi, M. and Samih, M.A., 2010. Life table parameters of green house whitefly, <i>Trialeurodes vaporariorum</i> (Westwood), on tomato. IX th European Congress of Entomology, Hungary. P.140.
54	Moradi, M. and Zarrabi, M., 2010. Determination of optimum dose for sterilizing green house whitefly, <i>Trialeurodes vaporariorum</i> (Westwood) (Hem.: Aleyrodidae) by gamma radiation. IX th European Congress of Entomology, Hungary. P.208.
55	Pourshahid, B., Zarrabi, M., Samia, M. and Mohseni, M., 2010. Study of longevity of different life stages of Silverleaf Whitefly <i>Bemisia argentifolii</i> Bellows and Perring (Hemiptera: Aleyrodidae) on different hosts. IX th European Congress of Entomology, Hungary. P.227.
56	Movasaghi, S. and Zarrabi, M., 2010. Study on green house whitefly, <i>Trialeurodes vaporariorum</i> (Westwood), longevity and female fecundity on cherry tomato. IX th European Congress of Entomology, Hungary. P.228.
57	Mohseni, M., Zarabi, M., Lotfi, M., Movaseghi, S., and Zandi, R., 2011. Investigation of mulches effect on Silverleaf Whitefly, <i>Bemisia argentifolii</i> Bellows and Perring (Hem.:Aleyrodidae) agronomic control. Global Conference on Entomology, Thailand. p.14.
58	Najarpoor, A., Gajariyeh, H., Goldansaz, S. H., Zarabi, M., 2011.

	Responses of adult <i>Ectomyelois ceratoniae</i> (Lep.: Pyralidae) to pomegranate odor in flight tunnel. Global Conference on Entomology, Thailand. p. 47.
59	Kordrostami, M. and Zarabi, M., 2011 . Investigation of Citrus Whitefly, <i>Dialeurodes citri</i> Ashmead population fluctuation and density on two varieties of oranges. Global Conference on Entomology , Thailand.p.110.
60	Bedoreh, M., Ghajarieh, H., Gharaei, B., Zarabi, M., 2011. Introduction of Syrphid Flies blood in Ilam province, Iran. Global Conference on Entomology, Thailand. p.111.
61	Ghanbari, H., Ghajarieh, H., Alich, M., Zarabi, M. and Kheradmand, K., 2011. A faunistic study of natural enemies of <i>Nipaecoccus viridis</i> Spherical mealy bug, on three host plants: <i>Citrus auranticum</i> L., <i>Nerium oleander</i> and <i>Morus alba</i> in south part of Iran. Global Conference on Entomology, Thailand. p.112.
62	Ghanbari, H., Ghajarieh, H., Alich, M., Zarabi, M. and Kheradmand, K., 2011. Population fluctuation of <i>Nipaecoccus viridis</i> Newstead on Citrus plants in south part of Iran. Global Conference on Entomology, Thailand. p.112.
63	Zarabi, M., Pourshahid, B., Samia, M. and Movassaghi, S., 2011. Host plant effect on fecundity and fertility of Silverleaf Whitefly, <i>Bemisia argentifolii</i> Bellows and Perring (Hem;Aleyrodidae). Global Conference on Entomology, Thailand. p.303.
64	Ghajariye, H., Frotan, D., Zarabi, M. and Ardeh, J., 2011. Comprative study on fecundity and fertility of <i>Habrobracon hebetor</i> (Say), (Hym.: Braconida) native population in different part of Iran and survey on its parasitism effect on <i>Helicoverpa armigera</i> . Global Conference on Entomology, Tiland. p.304.

65	Zarabi, M., Kordrostami, M. and Hhalajhsani, F., 2011. Investigation of some biological parameters of Citrus whitefly <i>Dialeurodes citri</i> Ashmead on Citrus varieties: Hamlin and Valencia. Global Conference on Entomology, Tiland. p.306.
66	Esmaeli, S., Samih, M.A., Zarabi, .M., Jafarbeigi, F. and Izadi, H., 2011. Study on susceptibility of <i>Bemisia tabaci</i> (Genn.), to Abamectin and Imidiclopride under control condition. Global Conference on Entomology, Tiland. p.395.
67	Jafarbeigi, F., Samih, M.A., Zarabi, .M., Esmaeli, S. and Izadi, H., 2011. Study on susceptibility of <i>Bemisia tabaci</i> (Genn.), (Biotype A) to <i>Caletropis procera</i> and <i>Fumaria parviflora</i> plant extracts in control condition. Global Conference on Entomology, Tiland. p.471.
68	Jafarbeigi, F., Samih, M.A., Zarabi, .M., Esmaeli, S. and Alizadeh, A., 2011. Investigation on effect of Neem and Eucalyptus extracts on mortality of <i>Bemisia tabaci</i> (Genn.), (Biotype A) adults under control condition. Global Conference on Entomology, Tiland. p.477.
69	Samih, M.A., Esmaili, S., Zarabi, M. and Jafarbeigi, F., 2011. Tow sex life table of adult's exposure of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with pymetrozin and abamectin. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 105.
70	Esmaili, S., Samih, M.A., Zarabi, M. and Jafarbeigi, F., 2011. Comparative study of the stable population parameters of eggs treated of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with diazinon and pymetrozin. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 107.
71	Esmaeily, S., Samih, M.A., Zarabi, M., Jafarbeigi, F. and Izadi, H., 2011.

	Stable population parameters of adults exposure of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with pymetrozin and abamectin. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 108.
72	Esmaily, S., Samih, M.A., Zarabi, M. and Jafarbeigi, F., 2011. Tow sex life table of eggs treated of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with abamectin and imidacloprid. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 109.
73	Jafarbeigi, F., Samih, M.A., Zarabi, M. and Esmaili, S. and Jafarbeigi, A., 2011. Stable population parameters of adults exposure of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with tow plant extracts <i>Fumaria parviflora</i> and thyme, <i>Thymus vulgaris</i> and Neemarin. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 111.
74	Jafarbeigi, F., Samih, M.A., Zarabi, M., Izadi, H. and Esmaily, S., 2011. Tow sex life table of adult's exposure of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with tow plant extracts <i>Teucrium polium</i> (Lamiaceae) and <i>Calotropis procera</i> (Asclepiadaceae) and pymetrozin. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 112.
75	Jafarbeigi, F., Samih, M.A., Zarabi, M. and Esmaili, S. and Izadi, H., 2011. Tow sex life table of eggs treated of <i>Bemisia tabaci</i> (Genn.)(Hem.: Aleyrodidae) with tow plant extracts <i>Teucrium polium</i> (Lamiaceae) and <i>Fumaria parviflora</i> and Neemarin. Proceeding of 3 rd International Symposium on Insect Physiology, Biochemistry and Molecular Biology, China, 113.

76	Araste, S., Zarabi, M., Ghajarie, H., and Talaei, R., 2011. Investigation on Silver leaf Whitefly susceptibility, <i>Bemisia argentifolii</i> Belows and Perring (Hem.: Aleyrodidae) to (Balsamo) <i>Beauveria bassiana</i> Vuillemin. Proceeding of 1th national congress of Agricultural New Science & Technology of Iran, Zanjan. Volume 2, P 311. In Persian.
77	Ahmadi Alamuti, Z., Zarabi, M. and Movasaghi, S., 2011. Usage of enriched bio-organic plant growth media as a new technology in greenhouse tomato culture. Proceeding of 1th national congress of Agricultural New Science & Technology of Iran, Zanjan. Volume 3, P 311. In Persian.

Books

1-	Mazlumi, M., Yazdanpanah, H., Zarrabi, M. and Dehghanshoar, M., 2006. GAP in Wheat, Barley and Corn for prevention of Mycotoxins. First Edition, FAO and Ministry of Agriculture of Iran. 62 pp in Persian with abstract in English.
2-	Samia, M.A., Izadi, H., Zarrabi, M. And Alizade, A., 2008. Zoology. Jihad Daneshghahi Press. 957 p. In Persian. General Text Book in Zoology.

Honors

1-	Award of the Applied <i>Zoologists Research Association (AZRA)</i> , INDIA, 2000, for presenting the paper: Sugar beet weevils and their IPM practices in Iran.
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Academic Appointments

1-	Associate Professor of Department of Life Science Engineering , Faculty of New Sciences and Technologies, University of Tehran, 2011-present
2-	Associate Professor of Department of Plant protection ,Abureihan College of Agriculture, University of Tehran, 2004-2011
3-	Associate Professor of Department of Environment College of Environmental science, University of Shahid Beheshti,2001-2004

Teachings

MSc courses:	BSc courses:
Insect Ecology	General Zoology
Integrated Pest Management (IPM)	General Ecology
Principles of Researches in Entomology	Advanced Entomology
Insect Taxonomy	Principles of Systematic Entomology
Organic Culture Production	Principles of Sustainable Agriculture

Scientific Memberships:

- 1- Entomological Society of Iran. Since 1990, Continue.
- 2- Entomological Society of America. 1991-1995, started again 2008.
- 3- International Institute for Sugar Beet Research. 1995 Continue.
- 4- European Whitefly Scientific Network. 2007 Continue.

Patent:

- 1-National patent: Organic Plant Growth Media (BAGA), Certificate No.: 61117, 2008-9
- 2-National patent :Bio organic Plant Inducer as sucking insects controller (Organol) No.:80190,2013

3-National patent: Protein –based supplement production for poultry feed.
No.:80189,2013

4-Earthworm rearing method for protein-based supplement production as poultry feed. 14-MAY-2013

Scientific Responsibilities:

- 1- Founder of Insect Collection of Bu-Ali Sina University, Hamadan, Iran. 1991-93.
- 2- Editorial board of Scientific Buletin of BU-Ali Sina University, Hamadan, Iran, 1992.
- 3- Founder and manager of Sugar Beet Pest Management Division in Esfahan Sugar Co., Esfahan, Iran. 1994-2000.
- 4- Coordinator and project leader of sugar Beet IPM national project in Ministry of Agriculture, Tehran, Iran. 2001-2005.
- 5- Secretary of National IPM Committee in Ministry of Agriculture, Tehran, Iran. 2003-2005.
- 6- Academic member of the ICM national committee in Ministry of Agriculture, Tehran, Iran. 2004-2005.
- 7- Academic member of National Committee of Sustainable Agriculture in Ministry of Agriculture, Tehran, Iran. 2004-2005.
- 8- Founder and manager of Private Pest Management Research Station, Zanjan, Iran. 2002-2006.
- 9- FAO consultant in national project of "Analysis, Control and Management of Mycotoxin in Foodstuff" in Iran. 2004-2005.
- 10- Manager of Laboratory of Zoology in Plant Protection Department, College of Plant and Animal Sciences, Abureihan Campus of Agriculture, University of Tehran. 2004-continue.

- 11-Manager of Research Field Station of Abureihan Campus of Agriculture, University of Tehran. 2005-2006.
- 12-Head assistance of Plant Protection Department, College of Plant and Animal Sciences, Abureihan Campus of Agriculture, University of Tehran. 2004-2006.
- 13- Founder of Insect Bioecology Laboratory in Plant Protection Department, College of Plant and Animal Sciences, Abureihan Campus of Agriculture, University of Tehran. 2006.
- 14- Founder of Green house and insectarium collection of Plant Protection Department, College of Plant and Animal Sciences, Abureihan Campus of Agriculture, University of Tehran. 2006.
- 15 -Head of Department of Plant Protection, College of Plant and Animal Sciences, Abureihan Campus of Agriculture, University of Tehran. 2006-2008.
- 16- Founder and leader of Iranian whiteflies Research Group, 2008
- 17- Coordinator of the 5th International *Bemisia* Workshop in Iran and West Asia. 2009.
- 18- Coordinator of Scientific Collaboration between University of Tehran (UT) and University the Gambia (UTG). 2010.
- 19- Excutive Vice president of faculty of New Science and Technologies, University of Tehran.2013(continue).

Scientific Memberships:

- 1- Entomological Society of Iran. Since 1990, Continue.
- 2- Entomological Society of America. 1991-1995, started again 2008.
- 3- International Institute for Sugar Beet Research. 1995 Continue.
- 4- European Whitefly Scientific Network. 2007 Continue.

Research Projects:

1	Research Project in the University of Tehran: Study of Host Correlated Variation of <i>Bemisia tabaci</i> and <i>Trialeurodes vaporariorum</i> , in greenhouses plants of Varamin region.	Plant Protection Department of Abureihan College of Agriculture, University of Tehran. Submit No.: 7303027/1/01. 2005-6.
	National researches:	
1	Sugar Beet Integrated Pest Management National Project, No. 20679.	Plant Protection Research Institute Ministry of Agriculture of Iran. 2001-2005
2	Investigation on new Pesticide, Fipronil, on important species of Sugar beet weevils of Celeonini tribe in warm and dry region of Esfahan, No.: 107-11- 79-69.	Plant Protection Research Institute Ministry of Agriculture of Iran. 2001- 2002
3	Crop loss assessment of Sugar beet root aphid. No.: 107-11-79-03-80-107.	Plant Protection Research Institute Ministry of Agriculture of Iran. 2003-2004
4	Study of effect of some pesticides on Sugar Beet caterpillar, No.: 107-11-79-03-81-138.	Plant Protection Research Institute Ministry of Agriculture of Iran. 2003-2005
5	Investigation on Color and water traps effect for capturing different beet's insect pests. No.: 103-11-81-065.	Plant Protection Research Institute Ministry of Agriculture of Iran. 2003-2005
6	Identification of Citrus Whiteflies species and study of their biological aspects and Population fluctuation in Mazandaran	Citrus Plants Research Institute Ministry of Agriculture of Iran. 2005-2007

	Province, No.: 2-023-24-12-83-021.	
7	Investigation on Sugar beet Integrated Crop Management (ICM) with emphasis on Participatory planning in Gazvin Province.	Gazvin Agricultural Office (Ministry of Jihad-Agriculture) and University of Tehran. 2005-2006.
8	Management of especial waste materials in agriculture; Fertilizers, Pesticides and Seeds.	Iranian Environmental Organization and University of Tehran. 2006-2007.
9	Waste Materials Management in Different Parts of Agricultural Productions; wood, honey Bees, husbandry and Silk.	Iranian Environmental Organization and University of Tehran. 2007-2008.
10	Practical Management of Special Waste Materials in Agriculture, Part I: Fertilizers, Seeds and Pesticide's Residuals.	Iranian Environmental Organization and University of Tehran. 2007-2008.
11	Investigation on genetically and Morphologically Host Correlated Variations of Sweet Potato Whitefly, <i>Bemisia tabaci</i> (Gennadius) in Different Parts of Country (Tehran, Fars, Kerman and Golestan Provinces).	National Research Organization. Tehran, Iran. Started, June 2008. In Process
12	Integrated Termite Participatory Management (Termite IPPM), in south parts of Iran, Bandare Emam Petrochemical Zone.	Bandare Emam Petrochemical Co., Started, April, 2010
13	Investigation on Agricultural insurance in ten sample provinces of Iran with	Crisis management organization of Ministry of Interior

	participatory management of growers.	
	International research Project:	
1	Analysis, Control and Management of Mycotoxin in Foodstuff. TCP/IRA/2905.	FAO and Ministry of Agriculture of Iran. 2004-2005

Industrial Appointments

Founder and General Manager of Dshte Sabz Atie Knowledge based Company- University of Tehran Sciences & Technologies park, Tehran-Iran, Science 2006 (continue).