



## CURRICULUM VITAE

Mohammadreza Rezapanah, *PhD*

Date of birth: Feb. 23, 1970

Nationality: Iranian

Marital status: Married



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

Research Department of Biological Control

P.O. Box 1454, Tehran 19395, Iran

Tel: +98 21 22403012-6 ext 9112

Fax: +98 21 22403728

E-mail: [rezapanah@iripp.ir](mailto:rezapanah@iripp.ir)

URL: [www.iripp.ir](http://www.iripp.ir)

### **Academic qualifications**

**PhD:** Rezapanah, M. 2001. Biological and biochemical variation of Iranian isolates of *Cydia pomonella* granulovirus. *Ph.D. Thesis*, University of Tarbiat Modarres, Tehran. 114 pp.

**MSc:** Rezapanah, M. 1995. Effects of solar radiation on efficacy of *Cydia pomonella* Granulosis Virus. *M. Sc. Thesis*, University of Tarbiat Modarres, Tehran. 96 pp.

**BSc:** graduated as first student among all of B.Sc. students in the agricultural faculty and Plant Protection, Tehran University, Tehran in 1992

### **Research interests**

Baculoviruses/ Insect viruses/ Insect pathology

Biological Control/ Organic agriculture

### **Selected research projects**

## Selected publications

### Journals papers:

1. Sharifi, S.; Karimi, J.; Hosseini, M. and **Rezapanah, M.** 2014. Efficacy of two entomopathogenic nematode species as potential biocontrol agents against the rosaceae longhorned beetle, *Osphranteria coerulescens*, under laboratory conditions. *Nematology* 16 (7): 729-737.
2. Kheradpir, N., **Rezapanah, M.**, Kamali, K. and Fathipour, Y., 2013. Host plant affects the predation and oviposition rate of the predaceous thrips of *Scolothrips longicornis*. *Munis Entomology and Zoology* 8(1): 285-293.
3. Jokar, M.; Zarabi, M; Shahrokhi, S. and **Rezapanah, M.** 2012. Host-stage preference and functional response of aphid parasitoid *Diaeretiella rapae* (McIntosh) (Hym.: Braconidae) on greenbug, *Schizaphis graminum* (Rondani) (Hem: Aphididae). *Archives of Phytopathology and Plant Protection* 45(18): 2223-2235.
4. Assemi, H.; **Rezapanah, M.**; Vafai-Shoushtari, R. and Mehrvar, A. 2012. Modified artificial diet for rearing of tobacco budworm, *Helicoverpa armigera* using the Taguchi method and Derringer's desirability function. *Journal of Insect Science* 12:100. Available online: <http://www.insectscience.org/12.100>.
5. Jafary, M.; Karimzadeh, J., Farazmand, H. and **Rezapanah, M. R.** 2012. The role of host-plants resistance on development of *Plutella xylostella* (L.) (Lepidoptera, Plutellidae) in laboratory. *Iranian Journal of Entomological Research* 3(4):285-293.
6. Ashtari, M.; Karimi, J.; **Rezapanah, M.** and Hassani-Kakhki, M. 2011. Biocontrol of leopard moth, *Zeuzera pyrina* L. (Lep.: Cossidae) using entomopathogenic nematodes in Iran. *IOBC/wprs Bulletin* 66: 333-335.
7. Sedighi, L; **Rezapanah, M.** and Ranjbar-Aghdam, H. 2011, Efficacy of Bt Transgenic Sugar Beet Lines Expressing cry1Ab Gene Against *Spodoptera littoralis* Bois. (Lepidoptera: Noctuidae). *Journal of the Entomological Research Society*. 13 (1): 61-68.
8. رضاپناه، م. و جوزی، ز. 1390. مقررات اثرگذار در ارتباط با توسعه کنترل بیولوژیک در ایران. *مجله علمی تخصصی کشاورزی زیتون*. 31 (220): 6-12. **Rezapanah, M.** and Jouzi, Z. 2011. Regulations affecting the development of biological (control in Iran. *Zeitun* 31 (220): 6-12
9. Sedighi, L; **Rezapanah, M.**; Norouzi, P. and Vafaei-Shoushtari, R. 2010, Efficiency evaluation of Bt-transgenic lines of sugar beet against *Agrotis segetum* Schiff. (Lepidoptera: Noctuidae). *Iranian Journal of Entomological Research* 2 (1): 21-30 (Persian with English abstract).
10. Kheradpir, N., **Rezapanah, M.**, Kamali, K. and Fathipour, Y., 2010. The searching behavior of *Scolothrips longicornis* (Priesner) in relation to plant surface topography. *International Journal of Agriculture, Environment and Biotechnology* 3(1): 87-91.
11. Pakyari, H., Fathipour, Y., **Rezapanah, M.** and Kamali, K. 2009. Temperature-dependent functional response of *Scolothrips longicornis* (Thysanoptera: Thripidae) preying on *Tetranychus urticae*. *Journal of Asia-pacific Entomology* 12(1): 23-26.

12. Kheradpir, N., **Rezapanah, M.**, Kamali, K. and Fathipour, Y., 2009. Effect of physico-chemical features of different species or cultivars of host plants on the foraging behavior of *Scolothrips longicornis*. IOBC/wprs Bulletin 50: 35-40.
13. Kheradpir, N., **Rezapanah, M.**, Kamali, K. and Fathipour, Y., 2009. Physical structure of host plants affect preference behaviour of predaceous thrips, *Scolothrips longicornis* (Thysanoptera: Thripidae). Journal of biological control 23(2): 131-135.
14. Ranjbar-Aghdam, H., Fathipour, Y., Radjabi, G. and **Rezapanah, M.** 2009. Temperature-Dependent Development and Thermal Thresholds of Codling Moth (Lepidoptera: Tortricidae) in Iran. Environmental Entomology 38(3):885-895.
15. Ranjbar-Aghdam, H., Fathipour, Y., Kontodimas, D. C., Radjabi, G. and **Rezapanah, M.** 2009. Age-specific life table parameters of a codling moth (Lepidoptera: Tortricidae) population from Iran at eight constant temperatures. Annals of the Entomological Society of America 102(2): 233-240.
16. Eberle, K. E., Sayed, S., **Rezapanah, M.**, Shojai-Estabragh S. and Jehle, J. A. 2009. Diversity and evolution of the *Cydia pomonella* granulovirus. J Gen Virol 90 (3): 662 – 671.
17. **Rezapanah, M.**; Shojai-Estrabragh, S. Jehle, J. A. and Huber, J. 2008. Molecular and biological characterization of new isolates of *Cydia pomonella* granulovirus (CpGV) from Iran. Journal of Pest Science: 81: 187-191.
18. Fahimi, A.; Kharazi-Pakdel, A.; Talaei-Hassanloui; **Rezapanah, M.R.** and Maleki, F. 2008. Evaluation of the effect of MbNPV on cabbage moth, *Plutella xylostella* (Lep.: Plutellidae), in laboratory conditions. Journal of Entomological Society of Iran 28(1): 63-74. (Persian with English abstract)
19. Kheradpir, N., Baniameri, V. and **Rezapanah, M.** 2008. Occurrence and population trends of spider mite specialist predators under field and greenhouse conditions. IOBC/wprs Bulletin 32:103-106.
20. Kheradpir, N., Khalghani, J., Ostovan, H. and **Rezapanah, M. R.** 2008. Some biological and demographic parameters of *Tetranychus urticae* Koch on three cucumber cultivar hybrids (*Cucumis sativus*). Journal of Agricultural sciences 13(1):77-82. (Persian with English abstract).
21. Pakyari, H., Fathipour, Y., **Rezapanah, M.** and Kamali, K. 2008. Prey-Stage Preference in *Scolothrips longicornis* Priesner (Thysanoptera: Thripidae) on *Tetranychus urticae* Koch (Acari: Tetranychidae). IOBC/wprs Bulletin 32:167-170.
22. Akhavan Sepahy, A., Selselehakeri, Sh., **Rezapanah, M.** and Motavaze, K. 2007. An investigation on antifungal activity and compounds of *Bacillus subtilis* against some pathogenic plant fungi. Iranian Journal of Biological Sciences 2(2)1-14. (Persian with English abstract).
23. Kheradpir, N., Khalghani, J., Ostovan, H. and **Rezapanah, M.** 2007. The Comparison of demographic traits in *Tetranychus urticae* Koch (Acari: Tetranychidae) on five different greenhouse cucumber hybrids (*Cucumis sativus*). Proceeding of the 8<sup>th</sup> international symposium protected cultivation in mild winter climates: advances in soil and soilless cultivation under protected environment. Agadir, Morocco. 19-24 February 2006. ACTA horticulturae 747: 425-430.
24. Kheradpir, N., Khalghani, J., Ostovan, H. and **Rezapanah, M.** 2006. Feeding rate of *Stethorus gilvifrons* on *Tetranychus urticae* in three greenhouse

- cucumber cultivars with different resistance levels. IOBC/wprs Bulletin 29(4):139-143.
25. Kheradpir, N., Khalghani, J., Ostovan, H. and **Rezapanah, M.** 2005. Effect of different cucumber cultivar hybrids *Cucumis sativus* on developmental time, fecundity and intrinsic rate of increase (rm) of *Tetranychus urticae* Koch. IOBC/wprs Bulletin 28(1):151-154
  26. Izadyar, S.; Askary, H.; Talebi-jahromi, K. and **Rezapanah, M.** 2005. Bioassay of some Iranian strains of *Bacillus thuringiensis* (Bacteria: Bacillaceae) against *Helicoverpa armigera* (Lep.: Noctuidae), Journal of Applied Entomology and Phytopathology (publication of PPDRI) 73 (1): 27-30 and 93-104 (Persian with English abstract).
  27. Moshtaghi-Maleki, F, Jalali-Sendi, J. and **Rezapanah, M. R.** 2004. A laboratory investigation on the effect of temperature on virulence of *Helicoverpa armigera* Multiple Nucleopolyhedrovirus. J. Agricultural science 1(5): 132-139. (Persian with English abstract).
  28. Izadyar, S.; Talebi-jahromi, Kh; Askary, H. and **Rezapanah, M.** 2003. Determination of  $\beta$ -exotoxin in Iranian Isolates of *Bacillus thuringiensis*. Journal of Entomological Society of Iran. 23 (1): 55-68 (Persian with English abstract).
  29. **Rezapanah, M. R.**; Kharrazi-Pakdel A.; Kamali, K. and Huber, J. 2002. Survey on natural occurrence of *Cydia Pomonella* granulovirus in apple orchards of Iran, Journal of Applied Entomology and Phytopathology, publication of PPDRI, 69(2): 7-9 & 49-55 (Persian with English abstract).
  30. **Rezapanah, M. R.**; Bayat Assadi, H.; Esmaili, M. and Nouri Ghanbalani, Gh. 1996. Effects of solar radiation on efficacy of *Cydia pomonella* Granulosis Virus (CpGV). Journal of Applied Entomology and Phytopathology, publication of PPDRI, 63(1&2):26-31. (Persian with English abstract).
  31. Shimi, P.; Bayat Assadi, H.; **Rezapanah, M. R.** and Koliaii, R. 1995. A study of *Smicronix robustus* Faust (Curculionidae: Col.) as a biological control agent of eastern dodder (*Cuscuta monogyna* Vahl.) in Iran. Journal of Agricultural Sciences, Scientific Publication Center of Islamic Azad University, 1(2): 43-51. (Persian with English abstract).

#### Conference papers:

1. Assemi, H.; **Rezapanah, M.** and Sajjadi, A. 2013. Taguchi's method in reducing the experiment numbers of production optimizing of *Helicoverpa armigera* nucleopolyhedrovirus. Abstracts of 4th International Participated Entomopathogens and Microbial Control, Artvin, Turkey. 11-14 September 2013. P:72.
2. Sajjadi, A.; Assemi, H. and **Rezapanah, M.** 2013. Genetic diversity of isolates *Helicoverpa armigera* Nucleopolyhedrovirus on tobacco budworm using PCR-RFLP technique. Abstracts of 4th International Participated Entomopathogens and Microbial Control, Artvin, Turkey. 11-14 September 2013. P:75.
3. **Rezapanah, M.** 2013. Codling moth control by *Cydia pomonella* granulovirus in organic apple orchards: lessons from the differences. Abstracts of 4th International Participated Entomopathogens and Microbial Control, Artvin, Turkey. 11-14 September 2013. P:21.
4. Jouzi, Z. and **Rezapanah, M.** 2013. Comparative Value Chain Analysis on Organic and Conventional Pistachio in Iran. The proceeding of the first international conference on

sustainable development practice (ICS DP), Columbia University, New York, USA, September 6-7, 2013.

5. Assemi, H.; **Rezapanah, M.** and Sajjadi, A. 2013. Biological control of *Helicoverpa armigera* (Lepidoptera, Noctuidae) with the efficacy of different geographical isolates of HaNPV on tobacco fields. Proceedings of the Conference of Biological Control in Agriculture and Natural Resources, College of Agriculture and Natural Resources, Tehran University, Karaj. 26-27 Aug. 2013. P:96.
6. Assemi, H.; Sajjadi, A. and **Rezapanah, M.** 2013. Optimization of production of *Helicoverpa armigera* nucleopolyhedrovirus via the Taguchi method and Derringer's desirability function. Proceedings of the Conference of Biological Control in Agriculture and Natural Resources, College of Agriculture and Natural Resources, Tehran University, Karaj. 26-27 Aug. 2013. P:97.
7. Assemi, H.; Sajjadi, S. A.; Rezapanah, M.; Mehrvar, A.; Shahadati-Moghadam, Z. and Shazdeh-Ahmadi, N. 2013. Genetic diversity of isolates *Helicoverpa armigera* Nucleopolyhedrovirus on tobacco budworm using PCR-RFLP technique. Full papers of 8<sup>th</sup> national Biotechnology Congress in Iran and 4<sup>th</sup> national Biosafety Congress in Iran, Sport college, Tehran university, Tehran, Iran, 6-8 July 2013. P:.
8. حسن‌زاده، م.؛ رضایپناه، م.؛ شاهرخی خانقاه، ش.؛ دادپور مغانلو، ه.؛ عبدالهی آهی، غ.؛ شکری مرزنگو، ر. و ملک شادخت، س.ا. 2013. مقایسه پارامترهای دموگرافیک سن شکارگر *Andrallus spinidens* با تغذیه از کرم سبز برگ‌خوار برنج و شب‌پره تک‌نقطه‌ای برنج در شرایط آزمایشگاهی. پانزدهمین همایش ملی برنج کشور، 1 و 2 اسفند 1391، دانشگاه علوم کشاورزی و منابع طبیعی ساری، پژوهشکده ژنتیک و زیست‌فناوری کشاورزی طبرستان. مقاله 325.
9. Assemi, H.; **Rezapanah, M.** and Sajjadi, A. 2012. Application of taguchi method and Derringer's desirability function for the optimization of production of *Helicoverpa armigera* nucleopolyhedrovirus. Abstracts of 6<sup>th</sup> Iranian congress on Virology, Tarbiat Modarres University, Tehran, Iran. 17-19 October 2012. P:77.
10. Assemi, H.; Sajjadi, A. and **Rezapanah, M.** 2012. Investigation on the effect of four isolates of Nucleopolyhedrovirus on the tobacco bollworm, *Helicoverpa armigera* (Hübner) on the laboratory condition. Abstracts of 6<sup>th</sup> Iranian congress on Virology, Tarbiat Modarres University, Tehran, Iran. 17-19 October 2012. P:84.
11. Rabiei, F.; Dezyanian, A.; **Rezapanah, M.** and Jalali, A. 2012. Viruses in plant protection- Assessment of different bioassay techniques to evaluation of *Phthorimaea operculella* granulovirus biological activity. Abstracts of 6<sup>th</sup> Iranian congress on Virology, Tarbiat Modarres University, Tehran, Iran. 17-19 October 2012. P:85.
12. کریم‌زاده اصفهانی، ج.؛ بشارت‌نژاد، م.؛ کاظم‌زاده، ز. و رضایپناه، م. 2012. اثرکشندگی سه فرمولاسیون تجاری *Bacillus thuringiensis* Berliner بر روی بیدکلم. دومین سمینار ملی امنیت غذایی، 26 و 27 مهر 1391، دانشگاه آزاد اسلامی واحد سوادکوه. صفحه - .
13. Assemi, H.; **Rezapanah, M.** and Sajjadi, A. 2012. Optimization of production of nucleopolyhedrovirus of *Helicoverpa armigera* via Taguchi methods and Derringer's desirability function. Proceeding of CORESTA, 23-27 September 2012, Sapporo, Japan, Appost 22.
14. Assemi, H.; **Rezapanah, M.**; Vafai-Shoushtari, R.; Mehrvar, A. and Sajjadi, S. A. 2012. Comparative study of the modified artificial and seminatural diet for mass rearing of *Helicoverpa armigera* Hub (Lep.: Noctuidae) in laboratory conditions. Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 889.
15. Assemi, H.; **Rezapanah, M.**; Vafai-Shoushtari, R.; Mehrvar, A. and Sajjadi, S. A. 2012. Optimization of mass rearing of tobacco bollworm, *Helicoverpa armigera* using the

- Taguchi method and Derringer's desirability function. Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 890.
16. **Rezapanah, M.**; Karimi, J.; Ashtari, M.; Naseri, M. And Aminae, M. M. 2012. A comparative survey on biological control of branch borers, *Zeuzera pyrina* L. (Lep.: Cossidae) and *Osphranteria coerulescens* Redtenbacher (Col.: Cerambyciae). Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 82.
  17. Kazemzadeh, Z.; Karimzadeh, J.; Besharatnejad, M. H.; **Rezapanah, M.** and Sayyed, A. H. 2012. The mortality effects of three commercial formulations of *Bacillus thuringiensis* Berliner on *Plutella xylostella* (L.) larvae in laboratory. Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 252 & 875.
  18. Jafary, M.; Karimzadeh, J.; Farazmand, H. and **Rezapanah, M.** 2012. The host-plant mediated effect of larval feeding on the life-history parameters of *Plutella xylostella*. Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 722.
  19. Hasanzadeh, M.; **Rezapanah, M.**; Shahrokhi-Khanghah, Sh; Abdollahi-Ahi, Gh; Dadpour-Moghanloo, H. and Hoda, H. 2012. A study on demographic parameters of predatory bug, *Andrallus spinidens* (F.) (Hem.: Pentatomidae) on *Bombyx mori* (L.) (Lep.: Bombycidae) and *Galleria mellonella* (L.) under laboratory conditions. Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 726.
  20. Hasanzadeh, M.; Abdollahi-Ahi, Gh; **Rezapanah, M.** and Shahrokhi-Khanghah, Sh. 2012. Comparison of life table parameters of predatory bug, *Andrallus spinidens* (F.) (Hem.: Pentatomidae) on *Mythimna unipuncta* (H.) (Lep.: Noctuidae) (Natural prey) and *Galleria mellonella* (L.) (laboratory prey) under laboratory conditions. Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 727.
  21. Alizadeh, H. B.; **Rezapanah, M.** and Emami, S. Y. 2012. A preliminary survey on pheromone identification of the pistachio fruit moth, *Recurvaria pistaciicola* (Danilewsk). Proceeding of 20th Iranian Plant Protection Congress, Volume I, Pests, August 26-29, 2012, Shiraz university, Iran, pp: 795.
  22. Kheradpir, N., **Rezapanah, M.**, Kamali, K. and Fathipour, Y., 2012. Comparison of production of volatiles emitted by greenhouse vegetables damaged by two-spotted spider mite and their attractiveness to the predator *Scolothrips longicornis*. Proceeding of 24th International congress of Entomology. August 19-25, 2012, Daegu, Korea, pp:
23. رضایانه، م. 2012. فرآورده‌های ارگانیک. اولین همایش داروآرایی‌شناسی ایران، 27 لغایت 29 اردیبهشت 1391، دانشگاه علوم پزشکی اصفهان دانشکده داروسازی و علوم دارویی، صفحه - .
24. **Rezapanah, M.** 2011. A brief review on insect viruses' studies in Iran's plant protection. Proceeding of 1<sup>st</sup> Iranian plant virologist meeting. Shiraz, Plant virology research center. Nov 8-10, 2011.
  25. **Rezapanah, M.**; Assemi, H. and Komijani, N. 2011. The screening of natural isolates of *Helicoverpa armigera* nucleopolyhedrovirus in Iran. Program and abstract book of the 3<sup>rd</sup> international entomopathogens and Microbial control symposium. Doğa Tatil Köyü, Şile, Istanbul, Turkey, 18 – 22 Sept., 2011, pp: 38.
  26. **Rezapanah, M.**; Karimi, J.; Ashtari, M. and Naseri, M. 2011. Comparative microbial control of two serious branch borer, *Osphranteria coerulescens* Redtenbacher (Col.: Cerambyciae) and *Zeuzera pyrina* L. (Lep.: Cossidae). Program and abstract book of the 3<sup>rd</sup>

- international entomopathogens and Microbial control symposium. Doğa Tatil Köyü, Şile, Istanbul, Turkey, 18 – 22 Sept., 2011, pp: 61.
27. Rezaiepoor, A.; **Rezapanah, M.**; Majidi-Shilsar, F.; Hoda, H.; Amoghli-Tabari, m.; Hasanzadeh, M.; Abdollahi-Ahi, G. and Dadpour-Moghanloo, H. 2011. Comparative effectiveness evaluation of *Bacillus thuringiensis* preparations on main pests of rice, *Naranga aenescens* and *Chilo suppressalis*, in north of Iran. Program and abstract book of the 3<sup>rd</sup> international entomopathogens and Microbial control symposium. Doğa Tatil Köyü, Şile, Istanbul, Turkey, 18 – 22 Sept., 2011, pp: 62.
  28. **Rezapanah, M.** and Majidi-Shilsar, F. 2011. The recent improvement in microbial control of rice stem borer, *Chilo suppressalis*, in north of Iran. Program and abstract book of the 3<sup>rd</sup> international entomopathogens and Microbial control symposium. Doğa Tatil Köyü, Şile, Istanbul, Turkey, 18 – 22 Sept., 2011, pp: 39.
  29. Ashtari, M.; **Rezapanah, M.** and Karimi, J. 2011. An investigation on efficacy of entomopathogenic nematodes on leopard moth, *Zeuzera pyrina* L. (Lep.: Cossidae) in Iran. Programme and Abstracts of the 44th Annual meeting of the Society for Invertebrate Pathology, International Congress on Invertebrate Pathology and Microbial Control and OECD Symposium on Disease in Aquatic Crustaceans, Halifax, Canada, 7-11 August, 2011. pp: 60.
  30. Karimi, J.; **Rezapanah, M.**; Ashtari, M.; Darsouei, R.; Campos-Herrera, R. and Duncan, L. 2011. Characterization of Iranian isolates of entomopathogenic nematodes for biocontrol of leopard moth, *Zeuzera pyrina* L. (Lep.: Cossidae). Programme and Abstracts of the 44th Annual meeting of the Society for Invertebrate Pathology, International Congress on Invertebrate Pathology and Microbial Control and OECD Symposium on Disease in Aquatic Crustaceans, Halifax, Canada, 7-11 August, 2011. pp: 26.
  31. **Rezapanah, M.** 2011. Fundamental development of biological control based on organic production system. Proceedings of the Biological Control Development Congress in Iran, 27-28 July 2011, Iranian Research Institute of Plant Protection, Tehran, PP: 277-288.
  32. Dadpour-Moghanloo, H.; **Rezapanah, M.** and Yaghobi, N. 2011. Biological control of the European corn borer in corn fields of the Moghan, North-West of Iran. Proceedings of the Biological Control Development Congress in Iran, 27-28 July 2011, Iranian Research Institute of Plant Protection, Tehran, PP: 230-253.
  33. Arjomandi, R.; **Rezapanah, M.** and Jouzi, Z. 2011. A SWOT analysis of reduction of pesticide use and biological control in paddy fields of Mazandaran province. Proceedings of the Biological Control Development Congress in Iran, 27-28 July 2011, Iranian Research Institute of Plant Protection, Tehran, PP: 289-304.
  34. Ashtari, M.; Karimi, J.; **Rezapanah, M.** and Hassani-Kakhki, M. 2011. Biocontrol of leopard moth, *Zeuzera pyrina* L. (Lep.: Cossidae) using entomopathogenic nematodes in Iran. Preceedings of the 13th European Meeting of Insect pathogens and entomopathogenic nematodes. Innsbruck (Austria), 19 – 23 June 2011. IOBC/wprs Bulletin 66: 333-335.
  35. Norouzi, P.; Jafari, M.; Ghareyazie, B.; Malboobi, M. A. and **Rezapanah, M.** 2011. Review on the last situation of transgenic sugar beet resistant to pests in Iran and the world. Programme and Abstracts of the 3rd biosafety and genetic engineering congress, Islamic Azad University, Science & Research Branch, Tehran, Iran, June 13-15, 2011, p: 2 -3.
  36. Karami, L.; S. Shahrokhi, **M. Rezapanah** and M. Shojai. 2011. Biology of *Rhopalosiphum padi* (L.) (Hemiptera: Aphididae) on barley *Hordeum vulgare* L. Proceeding of Global Conference on Entomology-(GCE). March 5-9, 2011. Chiang Mai, Thailand. pp 15.
  37. Karami, L.; S. Shahrokhi, **M. Rezapanah** and M. Shojai. 2011. Demography of the bird cherry oat aphid, *Rhopalosiphum padi* (Hemiptera: Aphididae) at different temperatures. Proceeding of Global Conference on Entomology-(GCE). March 5-9, 2011. Chiang Mai, Thailand. pp 20.

38. **Rezapanah, M.** 2011. Bioethics traces in organic production. Proceeding of 2nd International Congress on Bioethics, Feb. 5-7, 2011, Iranian Research Institute of Genetic Engineering and biotechnology, Tehran, Iran, pp: 144 (and 95).
39. رضاپناه، م. 1389. شمائی از روند تحقیق و توسعه در تولید محصولات ارگانیک در ایران، مجموعه مقالات برگزیده دومین جشنواره معرفی و عرضه محصولات کشاورزی سالم و ارگانیک، 10 - 15 آذر 89، تهران. صفحه 14 - 25.
40. ابراهیمی، ع. و رضاپناه، م. 1389. گزیده‌ای از برنامه راهبردی کشاورزی ارگانیک کشور. مجموعه مقالات برگزیده دومین جشنواره معرفی و عرضه محصولات کشاورزی سالم و ارگانیک، 10 - 15 آذر 89، تهران. صفحه 7.
41. رضاپناه، م. 1389. تحلیلی بر سند راهبردی کشاورزی ارگانیک کشور، مجموعه مقالات همایش کشاورزی ارگانیک، 22 مهر 89، فرهنگستان علوم جمهوری اسلامی ایران، تهران. صفحه 48-63.
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### Software and E-publications:

### Thesis supervised

Mostly mentioned in papers lists

### Other achievements

1. Head of Center of Excellence for Organic Agriculture of I. R. Iran, since May 2012.

2. Member of Auditing committee of IOBC/WPRS (International Organisation for Biological and Integrated Control of Noxious Animals and Plant /West Palearctic Regional Section, <http://www.iobc-wprs.org/>) since September 2001.
3. Head of Biological Control Research Dept., of IRIPP (PPDRI), 1997-2001, in 2003, 2004-2007 and 2008-2009.
4. Member of editorial board of Iranian Journal of Virology since 2008.
5. Member of editorial board of Iranian Journal of Entomological Research since 2009.
6. Referee of Zeitun (Scientific & specific monthly in Agriculture) since 2004.
7. Official referee of Judiciary since September 2013 via high ranking member of Iran's Agriculture Engineering Organization since 2003.
8. Member of Scientific committee and invited speaker of 4th International Participated Entomopathogens and Microbial Control, Artvin, Turkey. 11-14 September 2013.
9. Head and Organizer of Strategic plan committee for Organic agriculture in Iran 2009-2012.
10. Head lab. of Insect Virology and Molecular Biology of BCRD/IRIPP since July 2008.
11. Inspector of Iranian Society of Virology since 2010.
12. Lecturer of Vectors of plant diseases in Azad University (Arak) for *PhD* students of Entomology in 2010-2011.
13. Lecturer of Biological Control in Azad University (Arak) for *MSc* students of Entomology 2007-2009.
14. Lecturer of lessons on Biological Control & organic Agriculture in Higher Education Center of Ministry of Agriculture (Karaj) for *BSc* students of plant protection and IPM since 2007.
15. Member of Scientific board of Agricultural Research, Education and Extension Organization since August 2005.
16. Member of Scientific committee and executive committee of 20<sup>th</sup> Iranian Plant Protection Congress.
17. Member of Scientific committee and executive committee of 19<sup>th</sup> Iranian Plant Protection Congress.
18. Member of Scientific committee and executive committee of 18<sup>th</sup> Iranian Plant Protection Congress.
19. Deputy of Biological Control Research Dept., of IRIPP (PPDRI), 8 months in 2004.
20. Member of Scientific and executive committees of 3<sup>rd</sup> National Conference on the Development in the Application of Biological Products and Optimum Utilization of Chemical Fertilizers and Pesticides in Agriculture, Feb. 21-23, 2004, Karadj, I. R. Iran.
21. Member of Iranian Society of Virology since 2003.
22. Member of Research Committee of Pesticide Use Reduction and Optimum Utilization of Chemical Fertilizers in Agriculture since 1997.
23. Secretary of Research Committee of Pesticide Use Reduction and Optimum Utilization of Chemical Fertilizers in Agriculture since 2005.
24. Member of Productivity Committee of PPDRI since 2003.
25. Member of Education Committee of PPDRI in 2003-2005.
26. Member of Scientific Committee (pest section) of PPDRI since Oct. 10, 1999 for approving of projects of PPDRI.
27. Member of Technical Committee of PPDRI for approving of projects of PPDRI in 1998 & 1999.
28. Coordinator of Pesticide Use Reduction Project (PPDRI section) since 1997.
29. Representative of PPDRI in Executive Committee of Pesticide Use Reduction and Optimum Utilization of Chemical Fertilizers in Agriculture since 1997.
30. Researcher of Biological Control Research Department, PPDRI since 1992.
31. Member of central committee of Persian Newsletter of Entomological Society of Iran since 1999.
32. Member of Entomological Society of Iran since 1990.