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Professor (Full) of Entomology | Agricultural Sciences and Natural Resources University of Khuzestan | Former Honorary Visiting Professor, Macquarie University, Sydney

Date of birth: 22 June 1981 | **Nationality:** Iranian

Home address: No. 2, Alley 20, Eghbal Street, Koye Mellat, Ahvaz, Khuzestan, Iran

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EDUCATION

- Ph.D., Entomology— Shahid Chamran University of Ahvaz, Iran (2008–2011)
- M.Sc., Agricultural Entomology — Shahid Chamran University of Ahvaz, Iran (2003–2006)
- B.Sc., Plant Protection — University of Tabriz, Iran (1999–2003)

ACADEMIC & RESEARCH POSITIONS

- Professor (Full) of Entomology, Agricultural Sciences and Natural Resources University of Khuzestan (ASNRUKH) — from 2022
- Associate Professor of Entomology, ASNRUKH — 2016–2022
- Assistant Professor of Entomology, ASNRUKH — 2010–2016
- Honorary Visiting Professor, Department of Applied BioSciences, Macquarie University, Sydney, Australia — Aug–Dec 2024 (certified by Distinguished Professor Phillip W. Taylor, Head of Department)
- Research Fellow, Academic Center for Education, Culture and Research of Iran (ACECR) — 2005–2007

AWARDS & HONOURS

- Full Ph.D. Scholarship — Ministry of Science, Research and Technology of Iran, 2007
- First rank, Ph.D. entrance examination — Shahid Chamran University of Ahvaz, 2008
- Invited Speaker and Technical Session Chair, ISER 66th International Conference, Beijing, China, 15–16 July 2017 (International Society for Engineers and Researchers); also received the Best Paper and Presentation Award at the same conference for the paper on “Interactions between *Orius albidipennis* Reuter and *Aphidius colemani* Viereck for the control of *Aphis gossypii* Glover on greenhouse cucumber”.
- Top-cited article recognition, *Entomologia Experimentalis et Applicata* (Wiley), 2023
- Springer Nature Editor of Distinction Award 2025 — Editorial Contribution Award, for contributions to *Journal of Plant Diseases and Protection*

PEER-REVIEWED JOURNAL ARTICLES — JCR-INDEXED (newest to oldest)

- Davoodi, Y., Yarahmadi, F., & Rajabpour, A. (2026). Repellent and antifeedant effects of selected chitin synthesis inhibitor insecticides on the termite *Microcerotermes diversus* Silvestri under laboratory conditions. *Journal of Plant Diseases and Protection*, 133(3), 65. (JCR, Q2)

- Rajabpour, A., & Shahabi, M. (2026). Development of a fixed-precision sequential sampling plan for two important noctuid pests, *Spodoptera exigua* Hübner and *Agrotis segetum* Denis and Schiffermüller, in the sugar beet fields of Khuzestan Province, southwestern Iran. *International Journal of Tropical Insect Science*, 46(1), 561–570. (JCR, Q2)
- Davoodi, Y., Rajabpour, A., & Yarahmadi, F. (2025). Developing optimal bait formulations to enhance attraction and feeding in the subterranean termite *Microcerotermes diversus* (Blattoidea: Termitidae). *Journal of Plant Diseases and Protection*, 132(4), 127. (JCR, Q2)
- Rajabpour, A. (2025). Evaluation of selected biorational and synthetic chemical insecticides for controlling *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae) under field conditions. *Journal of Plant Diseases and Protection*, 132(1), 7. (JCR, Q2)
- Azarnoosh, R., Yarahmadi, F., Keshavarz-Tohid, V., & Rajabpour, A. (2024). Isolation and identification of rhizospheric pseudomonads with insecticidal effects from various crops in Khuzestan Province, Iran. *Journal of Invertebrate Pathology*, 204, 108099. (JCR, Q2)
- Feldmann, F., Pandey, A. K., Rajabpour, A., Stadnik, M. J., & Matyjaszczyk, E. (2023). Botanical active substances: A prospering field of research. *Journal of Plant Diseases and Protection*, 130(3), 439–441. (JCR, Q2)
- Mousavi, K., Rajabpour, A., Ghodoum Parizipour, M. H., & Yarahmadi, F. (2023). Insecticidal bioactive compounds derived from *Cladosporium cladosporioides* (Fresen.) G.A. de Vries and *Acremonium zeylanicum* (Petch) W. Gams & H.C. Evans. *Journal of Plant Diseases and Protection*, 130(3), 543–549. (JCR, Q2)
- Mousavi, K., Rajabpour, A., Ghodoum Parizipour, M. H., & Yarahmadi, F. (2022). Biological and molecular characterization of *Cladosporium* sp. and *Acremonium zeylanicum* as biocontrol agents of *Aphis fabae* in a tri-trophic system. *Entomologia Experimentalis et Applicata*, 170(10), 877–886. (JCR, Q2)
- Agah-Manesh, H., Rajabpour, A., Yarahmadi, F., & Farsi, A. (2021). Potential of ultrasound to control *Sesamia cretica* (Lepidoptera: Noctuidae). *Environmental Entomology*, 50(6), 1393–1399. (JCR, Q1)
- Broumandnia, F., Rajabpour, A., Ghodoum Parizipour, M. H., & Yarahmadi, F. (2021). Morphological and molecular identification of four isolates of the entomopathogenic fungal genus *Akanthomyces* and their effects against *Bemisia tabaci* on cucumber. *Bulletin of Entomological Research*, 111(5), 628–636. (JCR, Q2)
- Rajabpour, A., & Zare Bavani, M. R. (2021). Aquatic extract of *Camellia sinensis* L. as the inducer of cucumber systemic resistance to *Bemisia tabaci* Gennadius (Hem.: Aleyrodidae). *Journal of Agricultural Science and Technology*, 23(3), 559–574. (JCR, Q3)
- Ghodoum Parizipour, M. H., Rajabpour, A., Jafari, S., & Tahmasebi, A. (2021). Host-targeted salt stress affects fitness and vector performance of bird cherry-oat aphid (*Rhopalosiphum padi* L.) on wheat. *Arthropod-Plant Interactions*, 15(1), 47–58. (JCR, Q2)
- Broumandnia, F., & Rajabpour, A. (2020). Efficacies of some isolates of *Lecanicillium lecanii* to control *Tribolium castaneum* (Col., Tenebrionidae). *Journal of Plant Diseases and Protection*, 127(5), 625–631. (JCR, Q2)
- Rashidi, D., Rajabpour, A., & Zandi-Sohani, N. (2020). Fixed-precision sequential sampling plan of *Syringopais temperatella* (Lep., Gelechiidae) in wheat fields of Iran. *Journal of Agricultural Science and Technology*, 22(6), 1501–1510. (JCR, Q3)
- Pirzadfard, S., Zandi Sohani, N., Sohrabi, F., & Rajabpour, A. (2020). Intraguild interactions of a generalist predator, *Orius albidipennis*, with two *Bemisia tabaci* parasitoids. *International Journal of Tropical Insect Science*, 40(2), 259–265. (JCR, Q2)
- Dinarvand, N., Rajabpour, A., Zandi Sohani, N., & Farkhari, M. (2020). Effect of weedy culture on population densities, spatial distributions and sampling procedures of *Spodoptera exigua* and *Sesamia cretica* (Lep., Noctuidae) in corn fields. *Bulletin of Entomological Research*, 110(1), 84–95. (JCR, Q2)
- Rashedi, A., Rajabpour, A., Zandi Sohani, N., & Rasekh, A. (2020). Prey stage preference and functional response of *Orius albidipennis* (Heteroptera, Anthracoridae) to *Aphis fabae* (Homoptera, Aphididae). *International Journal of Tropical Insect Science*, 40(1), 13–19. (JCR, Q2)
- Rehman, S. U., Zhou, X., Ali, S., Rasheed, M. A., Islam, Y., Hafeez, M., ... & Rajabpour, A. (2020). Predatory functional response and fitness parameters of *Orius strigicollis* Poppius when fed *Bemisia tabaci* and *Trialeurodes vaporariorum* as determined by age-stage, two-sex life table. *PeerJ*, 8, e9540. (JCR, Q1)
- Yaghobi, S., Rajabpour, A., & Zandi Sohani, N. (2020). Seasonal population dynamics, sampling distribution, and fixed-precision sequential sampling of *Spectrobates ceratoniae* (Lepidoptera: Pyralidae) in pomegranate orchards. *Journal of Economic Entomology*, 113(3), 1513–1518. (JCR, Q1)

- Rashedi, A., Rajabpour, A., Zandi Sohani, N., & Rasekh, A. (2019). Interactions between host plant, *Aphis fabae*, and its natural enemies, *Orius albidipennis* and *Lysiphlebus fabarum* in a tritrophic system. *Journal of Asia-Pacific Entomology*, 22(3), 847–852. (JCR, Q2)
- Rajabpour, A., Abdali Mashhadi, A. R., & Ghorbani, M. R. (2019). Chemical compositions of leaf extracts from *Conocarpus erectus* L. (Combretaceae) and their bioactivities against *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae). *Journal of Asia-Pacific Entomology*, 22(1), 333–337. (JCR, Q2)
- Alizadeh Kafeshani, F., Rajabpour, A., Aghajanzadeh, S., Gholamian, E., & Farkhari, M. (2018). Spatial distribution and sampling plans with fixed level of precision for citrus aphids (Hom., Aphididae) on two orange species. *Journal of Economic Entomology*, 111(2), 931–941. (JCR, Q1)
- Zandi-Sohani, N., Rajabpour, A., Yarahmadi, F., & Ramezani, L. (2018). Sensitivity of *Bemisia tabaci* (Hemiptera: Aleyrodidae) and the generalist predator *Orius albidipennis* (Hemiptera: Anthocoridae) to vapors of essential oils. *Journal of Entomological Science*, 53(4), 493–502. (JCR, Q1)
- Rajabpour, A., & Shahabi, M. (2018). Resistance of two potato cultivars with different morphological characteristics to potato tuberworm, *Phthorimaea operculella* (Lepidoptera: Gelechiidae) in field condition. *Indian Journal of Agricultural Sciences*, 88(4). (JCR, Q3)
- Samim Banihashemi, A., Seraj, A. A., Yarahmadi, F., & Rajabpour, A. (2017). Effect of host plants on predation, prey preference and switching behaviour of *Orius albidipennis* on *Bemisia tabaci* and *Tetranychus turkestanii*. *International Journal of Tropical Insect Science*, 37(3), 176–182. (JCR, Q2)
- Shahbi, M., & Rajabpour, A. (2017). A fixed-precision sequential sampling plan for the potato tuberworm moth, *Phthorimaea operculella* Zeller (Lepidoptera: Gelechiidae), on potato cultivars. *Neotropical Entomology*, 46(4), 388–395. (JCR, Q2)
- Shams, S., Rajabpour, A., Rasekh, A., & Farkhari, M. (2016). Repellency and some biological effects of different ultrasonic waves on Mediterranean flour moth, *Ephestia kuehniella* (Zeller) (Lepidoptera: Pyralidae). *Journal of Stored Products Research*, 69, 14–21. (JCR, Q1)
- Mohammadi, S., Seraj, A. A., & Rajabpour, A. (2015). Effects of six greenhouse cucumber cultivars on reproductive performance and life expectancy of *Tetranychus turkestanii* (Acari: Tetranychidae). *Acarologia*, 55(2), 231–242. (JCR, Q3)
- Yarahmadi, F., & Rajabpour, A. (2013). Seasonal dynamics and spatial distribution of *Eutetranychus orientalis* (Acarina: Tetranychidae) on *Albizia lebbek* (Fabaceae) in parks in Ahwaz, southwest Iran. *International Journal of Tropical Insect Science*, 33(2), 114–119. (JCR, Q2)

PEER-REVIEWED JOURNAL ARTICLES — SCOPUS-INDEXED (newest to oldest)

- Sajadi, A., Rajabpour, A., Malkeshi, H., & Yarahmadi, F. (2025). Influence of temperatures and diets on predation rate and olfactory behavior of the predatory bug, *Macrolophus pygmaeus*. *Plant Protection*, 48(3), 81–96.
- Alizadeh-Kafeshani, F., Rajabpour, A., Ghoddum Parizipour, M. H., et al. (2025). Survey on entomopathogenic fungi isolated from citrus aphids in northern Iran. *Plant Pest Research*, 14(4), 91–94.
- Navaseri, M., Rajabpour, A., Yarahmadi, F., Ghodum, P. M. H., & Taheri, H. (2024). Applications of some compounds to induce resistance against cereal aphids (Hemiptera: Aphididae) in wheat fields. *Plant Protection*, 47(1), 21–32.
- Alizadeh Kafeshani, F., Rajabpour, A., Aghajanzadeh, S., Gholamian, E., & Farkhari, M. (2024). Investigation on seasonal population dynamics of dominant citrus aphids on Thomson Navel orange and Satsuma mandarin in West of Mazandaran province. *Plant Pest Research*, 13(4), 65–75.
- Soltani, T., Yarahmadi, F., Rajabpour, A., & Ghodum Parizipour, M. H. (2023). Potential insecticidal toxins extracted from some isolates of *Akanthomyces*. *Plant Protection*, 46(3), 17–23.
- Azarnoosh, R., Yarahmadi, F., Tohid, V. K., & Rajabpour, A. (2023). An investigation on insecticidal effects of three growth stimulant bacteria belong to *Pseudomonas* sp. to control *Anagasta kuehniella* and the infected larvae on the host plant. *Plant Pest Research*, 13(1), 15–24.
- Rajabpour, A. (2023). Effects of some biorational pesticides for controlling *Tetranychus turkestanii* (Acari: Tetranychidae) on ornamental plants of green landscape. *Plant Protection*, 46(4): 1-6.
- Rajabpour, A., & Dinarvand, N. (2023). Spatial dispersion and fixed-precision sequential sampling of black bean aphid, *Aphis fabae* (Hem.: Aphididae) in a sugar beet field. *Plant Pest Research*, 13(2), 31–40.

- Soltani, T., Yarahmadi, F., Rajabpour, A., & Ghodoum Parizipour, M. H. (2022). Pathogenicity of Iranian isolates of *Akanthomyces lecanii* and *A. muscarius* on the black bean aphid (*Aphis fabae* Scopoli). *Plant Protection*, 45(1), 19–28.
- Sardar-Abadi, N. L., Yarahmadi, F., Zandi-Sohani, N., Ghodoum Parizipour, M. H., & Rajabpour, A. (2022). Potential of some Iranian isolates of *Akanthomyces* for microbial control of cotton mealybug, *Phenacoccus solenopsis*, under greenhouse conditions. *Plant Pest Research*, 12(3), 57–70.
- Moosavi, M., Zandi-Sohani, N., & Rajabpour, A. (2021). Olfactory responses of the parasitoid wasp, *Anisopteromalus calandrae* (Hymenoptera: Pteromalidae) to odors from hosts and stored grain. *Journal of Plant Protection Research*, 61(2).
- Attarzadeh, M., Rajabpour, A., Farkhari, M., & Rasekh, A. (2019). Interactions between *Orius albidipennis* and *Aphidius colemani* (Hymenoptera: Braconidae) for the control of *Aphis gossypii* on greenhouse cucumber. *Journal of Crop Protection*, 8(1), 21–31.
- Sepahvand, Z., Seraj, A. A., Rajabpour, A., & Kocheili, F. (2019). Biodiversity of minute pirate bugs (Hemiptera: Anthocoridae) in agricultural and natural habitats of Lorestan province, west Iran. *Iranian Journal of Animal Biosystematics*, 15(1), 87–98.
- Sadegh Nejad, A., Rajabpour, A., & Cultler, C. (2019). Effect of climate and ecosystem manipulation on biodiversity of Anthocoridae in Hormozgan province (Iran). *Plant Protection*, 42(2), 37–49.
- Tamoli Torfi, E., Rasekh, A., Mossadegh, M. S., & Rajabpour, A. (2019). Host stage preference of *Aenasius bambawalei* (Hymenoptera: Encyrtidae), the parasitoid of cotton mealybug, *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae). *Journal of Entomological Society of Iran*, 39(3), 241–254.
- Alizadeh Kafeshani, F., Rajabpour, A., Aghajanzadeh, S., Gholamian, E., & Farkhari, M. (2019). Comparison of different sampling procedures for population monitoring of important citrus aphids on two orange species. *Journal of the Entomological Research Society*, 21(1), 57–63.
- Rajabpour, A., Abdali Mashhadi, A. R., & Ghorbani, M. R. (2018). Acaricidal and repellent properties of some plant extracts against poultry red mite, *Dermanyssus gallinae* (Mesostigmata: Dermanyssidae). *Persian Journal of Acarology*, 7(1).
- Azadi, F., Rajabpour, A., Lotfi Jalal Abadi, A., & Mahjoub, M. (2018). Resistance of tomato cultivars to *Tuta absoluta* (Lepidoptera: Gelechiidae) under field condition. *Journal of Crop Protection*, 7(1), 87–92.
- Yaghobi, S., Rajabpour, A., & Zandi Sohani, N. (2018). Population abundance of pomegranate aphid, *Aphis punicae* (Homoptera: Aphididae), predators in Southwest of Iran. *Journal of Entomological and Acarological Research*, 50(1).
- Alizadeh Kafeshani, F., Rajabpour, A., Aghajanzadeh, S., Gholamian, E., & Farkhari, M. (2018). Important predaceous insects of citrus aphids (Hemiptera: Aphididae) in the north of Iran. *Iran Agricultural Research*, 37(2), 99–104.
- Rajabpour, A., Seraj, A. A., & Mehrnia, A. (2018). Developing an artificial diet for rearing *Orius albidipennis* Reuter (Het., Anthocoridae). *Journal of Plant Protection Research*, 58(3).
- Tamoli Torfi, E., Seraj, A. A., & Rajabpour, A. (2017). Study of oviposition and host plant finding of tomato leaf miner, *Tuta absoluta* (Lep.: Gelechiidae) in laboratory conditions. *Journal of Entomological Society of Iran*, 37(3), 375–379.
- Nazarpour, L., Yarahmadi, F., Saber, M., & Rajabpour, A. (2016). Short and long term effects of some bio-insecticides on *Tuta absoluta* Meyrick (Lepidoptera: Gelechiidae) and its coexisting generalist predators in tomato fields. *Journal of Crop Protection*, 5(3), 331–342.
- Safaei, N., Rajabpour, A., & Seraj, A. A. (2016). Evaluation of various diets and oviposition substrates for rearing *Orius albidipennis* Reuter. *Journal of Entomological Society of Iran*, 35(4), 29–37.
- Tamoli Torfi, E., Seraj, A. A., & Rajabpour, A. (2016). Biological characteristics and population parameters of tomato leaf miner, *Tuta absoluta* (Lep.: Gelechiidae) on potato and tobacco plants under laboratory conditions. *Plant Protection*, 38(4), 79–88.
- Yarahmadi, F., Rajabpour, A., Faraji, N., & Seraj, A. A. (2016). Contact and fumigant toxicity of *Foeniculum vulgare* and *Citrus limon* essential oils against *Tetranychus turkestanii* and its predator *Orius albidipennis*. *Journal of Crop Protection*, 5(2), 283–292.
- Mohammadi, S., Seraj, A. A., & Rajabpour, A. (2015). Evaluation of six cucumber greenhouse cultivars for resistance to *Tetranychus turkestanii* (Acari: Tetranychidae). *Journal of Crop Protection*, 4(4), 545–556.
- Davari, H., Seraj, A. A., & Rajabpour, A. (2015). Biodiversity of genus *Orius* (Hemiptera: Anthocoridae) in various climate regions and seasons of Kohgiluyeh and Boyer-Ahmad province. *Journal of Entomological Society of Iran*, 35(3), 1–14.

- Hasanzadeh, H., Esfandiari, M., Shishehbor, P., & Rajabpour, A. (2015). Functional response of different developmental stages of *Orius albidipennis* (Reuter) (Hem.: Anthocoridae) feeding on the strawberry spider mite, *Tetranychus turkestani*. *Plant Protection*, 38(3), 63–74.
- Hasanzadeh, H., Shishehbor, P., Esfandiari, M., & Rajabpour, A. (2015). Biological characteristics and life table parameters of *Orius albidipennis* on strawberry spider mite *Tetranychus turkestani* at different temperatures. *Plant Protection*, 38(4), 65–78.
- Faraji, N., Seraj, A. A., Rajabpour, A., & Yarahmadi, F. (2015). A survey of the repellency and anti oviposition effects of two plant species of essential oils on *Tetranychus turkestani* and its predator *Orius albidipennis*. *Plant Protection*, 38(1), 113–121.
- Yarahmadi, F., Rajabpour, A., Zandi Sohani, N., & Ramezani, L. (2013). Investigating contact toxicity of Geranium and Artemisia essential oils on *Bemisia tabaci* Gen. *Avicenna Journal of Phytomedicine*, 3(2), 106.
- Rajabpour, A., & Yarahmadi, F. (2012). Seasonal population dynamics, spatial distribution and parasitism of *Aphis gossypii* on *Hibiscus rosa-chinensis* in Khuzestan, Iran. *Journal of Entomology*, 9(1): 163-170.
- Rajabpour, A., Yarahmadi, F., & Seraj, A. A. (2012). Faunistic investigation on important pests of Ahwaz's urban green landscape. *Plant Pest Research*, 2(3), 63–66.

SOME PEER-REVIEWED NATIONAL/REGIONAL JOURNAL ARTICLES (newest to oldest)

- Rajabpour, A., & Dinarvand, N. (2025). Fixed-precision sequential sampling to estimate the population density of *Heliothis virescens* in bean fields of Shush District, Southwest Iran. *Applied Research in Plant Protection*, 14(1), 13–21.
- Sajadi, S. A., Malkeshi, H., Rajabpour, A., & Yarahmadi, F. (2025). Studying of herbivory and predatory behaviors of *Nesidiocoris tenuis* with feeding of different preys in three different temperatures. *BioControl in Plant Protection*, 11(2), 15–29.
- Agah-Manesh, H., Rajabpour, A., & Farkhari, M. (2023). Effect of ultrasound on stem borer *Sesamia nonagrioides*. *Journal of Applied Research in Plant Protection*, 11(4), 85–95.
- Hatami Bavarsad, S., Zandi Sohani, N., & Rajabpour, A. (2020). Fumigant toxicity and repellency of some essential oils against *Callosobruchus maculatus* (Col.: Bruchidae). *Iranian Journal of Medicinal and Aromatic Plants Research*, 36(3), 404–416.
- Yarahmadi, F., Rajabpour, A., Faraji, N., & Seraj, A. A. (2019). Efficacy of Oxydimethon Methyl, Diazinon, Acetamiprid and Imidacloprid with pH reducer solution against *Aphis fabae*. *Pesticides in Plant Protection Science*, 4(2), 112–125.
- Yaghobi, S., Rajabpour, A., & Zandi, N. (2019). Seasonal population dynamics and fixed-precision sequential sampling plans for *Aphis punicae* (Homoptera: Aphididae) in Sirvan City (Ilam province). *Journal of Applied Research in Plant Protection*, 8(3), 1–11.
- Seraj, A. A., & Rajabpour, A. (2017). Population parameters of tomato leaf miner, *Tuta absoluta* (Meyrick) (Lep.: Gelechiidae) on three solanaceous plants in laboratory condition. *Journal of Applied Research in Plant Protection*, 6(2), 83–92.
- Shahbi, M., & Rajabpour, A. (2017). Biology of potato tuber moth, *Phthorimaea operculella* Zeller (Lep.: Gelechiidae), on two potato cultivars. *IAU Entomological Research Journal*, 9(1), 77–88.
- Nazarpour, L., Yarahmadi, F., Rajabpour, A., & Saber, M. (2015). Efficacy of augmentative release of *Habrobracon hebetor* Say (Hym. Braconidae) for biological control of *Helicoverpa armigera* (Lepidoptera: Noctuidae). *Natural Resources Management and Rural Development*, 11–18.
- Yarahmadi, F., Rajabpour, A., & Seraj, A. A. (2014). Investigating the seasonal population changes of the wood-boring beetle *Chrysobothris affinis* (Col., Buprestidae) on elm trees in green space of Ahvaz. *Iranian Journal of Plant Protection Science*, 27(4), 516–519.
- Hassanzadeh, H., Shishehbor, P., Esfandiari, M., & Rajabpour, A. (2013). Collection of *Orius* species (Hemiptera: Anthocoridae) in some counties of Yazd province, Iran. *Munis Entomology and Zoology*, 8(1), 507–508.
- Yarahmadi, F., Rajabpour, A., Zandi Sohani, N., & Ramezani, L. (2013). Repellency and anti-oviposition effects of Geranium, Galbanum and Artemisia essential oils on adults of *Bemisia tabaci* Gen. *Journal of North Khorasan University of Medical Sciences*, 4(5), 51–55.

- Yarahmadi, F., & Rajabpour, A. (2012). Seasonal population dynamics and spatial distribution of *Myzocallis coryli* Goetze on *Corylus avellana* in Iran. *Asian Journal of Biological Sciences*, 5: 52-56.
- Rajabpour, A., Seraj, A. A., Allahyari, H., & Shishehbor, P. (2011). Evaluation of *Orius laevis* Fieber (Heteroptera: Anthracoridae) for biological control of *Thrips tabaci* Lindeman (Thysanoptera: Thripidae) on greenhouse cucumber in South of Iran. *Asian Journal of Biological Sciences*, 4(2).
- Rajabpour, A., Seraj, A. A., Damavandian, M. R., & Shishehbor, P. (2008). Efficacy of two mineral oils on *Pulvinaria aurantii* (Cock.) and active phytoseiid mite on Sari region citrus orchard. *The Scientific Journal of Agriculture*, 30(4), 31–40.
- Rajabpour, A., Seraj, A. A., Damavandian, M. R., & Shishehbor, P. (2008). Economic injury level of second generation of *Pulvinaria aurantii* (Cockerell) on Thompson Navel orange in Sari region. *The Scientific Journal of Agriculture*, 30(4), 49–60.

SELECTED PEER-REVIEWED CONFERENCE PAPERS AND ABSTRACT (INTERNATIONAL)

- Tamoli Torfi, E., Rasekh, A., Mossadegh, M. S., & Rajabpour, A. (2022, February 5). The effect of the presence of *Hyperaspis polita* on the foraging behavior of *Aenasius bambawalei* [Paper presentation]. 1st International and 10th National Conference on Biocontrol in Agriculture and Natural Resources, Ahvaz, Iran.
- Hatami Bavarsad, S., Zandi Sohani, N., & Rajabpour, A. (2019, September 3). Fumigant toxicity of some essential oils against the eggs of the cowpea weevil, *Callosobruchus maculatus* F. (Coleoptera: Bruchidae) [Paper presentation]. Integrated Protection of Stored Product, Pisa, Italy.
- Mousavi, M., Zandi Sohani, N., & Rajabpour, A. (2019, September 3). Influence of temperature on the functional response of *Anisopteromalus calandrae* (Hymenoptera: Pteromalidae) to different population densities of *Callosobruchus maculatus* (Coleoptera: Bruchidae) [Paper presentation]. Integrated Protection of Stored Product, Pisa, Italy.
- Rajabpour, A., Abdali Mashhadi, A. R., & Ghorbani, A. R. (2019, August 30). Insecticidal properties of some plant extracts against *Ephestia kuehniella* Zeller (Lepidoptera: Pyralidae) larvae in the laboratory [Paper presentation]. 5th International Agriculture Congress, Istanbul, Turkey.
- Rajabpour, A., Dinarvand, N., & Zandi Sohani, N. (2019, August 26). Seasonal population dynamics of *Spodoptera exigua* and *Sesamia cretica* (Lepidoptera: Noctuidae) on corn in the north of Khuzestan province, southwest of Iran [Paper presentation]. 3rd International Congress of Entomology, Tabriz, Iran.
- Rajabpour, A., Yaghoobi, S., & Zandi Sohani, N. (2019, August 26). Evaluation of carob moth larval population on pomegranate trees neighboring fig in Sirvan district, Ilam [Paper presentation]. 3rd International Congress of Entomology, Tabriz, Iran.
- Tamoli Torfi, E., Rasekh, A., Mossadegh, M. S., & Rajabpour, A. (2019, August 26). Host stage preference of *Phenacoccus solenopsis* Tinsley by the parasitoid wasp, *Aenasius bambawalei* Hayat [Paper presentation]. 3rd International Congress of Entomology, Tabriz, Iran.
- Pirzadfar, S., Zandi Sohani, N., Sohrabi, F., & Rajabpour, A. (2018, July 2). Olfactory response of the predatory bug *Orius albidipennis* and parasitoid wasps *Eretmocerus mundus* and *Eretmocerus eremicus* to *Bemisia tabaci* and competitor natural enemies [Paper presentation]. 11th European Congress of Entomology, Napoli, Italy.
- Rajabpour, A., Alizadeh Kafeshani, F., Aghajanzadeh, S., Gholamian, E., & Farkhari, M. (2018, August 27). Identification of predatory mites of citrus aphids and their seasonal population dynamics in western Mazandaran province [Paper presentation]. 23rd Iranian Plant Protection Congress, Gorgan, Iran.
- Rajabpour, A., Dinarvand, N., Zandi Sohani, N., & Farkhari, M. (2018, August 27). Determination of the optimal sampling unit for monitoring the corn stem borer, *Sesamia cretica*, and beet armyworm, *Spodoptera exigua*, in corn fields [Paper presentation]. 23rd Iranian Plant Protection Congress, Gorgan, Iran.
- Tamoli Torfi, E., Rasekh, A., Mossadegh, M. S., & Rajabpour, A. (2018, August 27). Reproductive activities of the parasitoid wasp *Aenasius bambawalei* (Hymenoptera: Encyrtidae) on different instars of the cotton mealybug, *Phenacoccus solenopsis*, under laboratory conditions [Paper presentation]. 23rd Iranian Plant Protection Congress, Gorgan, Iran.
- Attarzadeh, M., Rajabpour, A., Farkhari, M., & Rasekh, A. (2017, July 15). Interactions between *Orius albidipennis* Reuter and *Aphidius colemani* Viereck for the control of *Aphis gossypii* Glover on greenhouse cucumber [Paper presentation]. International Conference of Agricultural and Biological Sciences, Beijing, China. (Best Paper and Presentation Award)
- Khalili Moghadam, B., Saeidavi, Z., & Rajabpour, A. (2017, October 28). Effect of crushed glass application on the mechanical properties of soil around irrigation canals for rodent control [Paper presentation]. 15th Iranian Soil Science Congress, Isfahan, Iran.

- Rajabpour, A., Seraj, A. A., Shishehbor, P., & Yarahmadi, H. A. (2010, September). Economic injury level of *Thrips tabaci* Lindeman (Thysanoptera: Thripidae) on cucumber in Khuzestan Province [Paper presentation]. The Australian Entomological Society's 41st AGM and Scientific Meeting, The Vines Resort, Perth, Western Australia.
- Seraj, A. A., Rajabpour, A., & Damavandian, M. R. (2005). Economic injury levels of second generation of *Pulvinaria aurantii* on citrus tree and decision making in citrus IPM [Conference abstract]. Korean Society of Applied Entomology Conference, Seoul, South Korea.

BOOKS

- Rajabpour, A., Yarahmadi, F. 2024. Decision System in Agricultural Pest Management. Springer Nature. ISBN: 978-981-97-1505-3.
- Yarahmadi, F., Rajabpour, A. 2024. Introduction of Important Storage Pests (Methods of Prevention and Control). Agricultural Sciences and Natural Resources University of Khuzestan Press. (In Persian). ISBN: 978-622-90702-1-5.
- Yarahmadi, F., Rajabpour, A. 2024. Encyclopedia of Pesticide Toxicology (Biochemistry, Bioassay, Applications and Ecotoxicological Effects). Agricultural Sciences and Natural Resources University of Khuzestan Press. (In Persian). ISBN: 978-622-90702-2-2.
- Rajabpour, A. 2022. Monitoring and Forecasting in Plant Pest Management. Agricultural Sciences and Natural Resources University Press. (In Persian). ISBN: 978-622-98989-8-7.
- Rajabpour, A. 2022. The Bugs Belong to Family Anthocoridae in Iran (Classification, Identification, Biology, Rearing and Use in Biocontrol Programs). Agricultural Sciences and Natural Resources University Press. (In Persian). ISBN: 978-622-92780-1-7.
- Rajabpour, A., Boezar, A. 2015. Damaging Factors of Annual Bushes and Turf Grass in Urban Green Landscape of Ahwaz (Identification and Management with Color Atlas). Ahwaz Municipality Press. (In Persian). ISBN: 978-600-7935-04-0.
- Rajabpour, A. 2015. Damaging Factors of Shrubs and Trees in Urban Green Landscape of Ahwaz (Identification and Management). Ahwaz Municipality Press. (In Persian). ISBN: 978-600-7935-03-3.

BOOK CHAPTERS

- Yarahmadi, F., & Rajabpour, A. (2026). Induced plant defenses against insect herbivores: From lab to field – Bridging the gap in pest management applications. In J. Ali, A. Tonga, & N. Ashraf (Eds.), *Insect-plant interactions: Exploring nature's intricate relationships*. APP/CRC Press.
- Rajabpour, A., & Yarahmadi, F. (2026). Potential effects of climate change on plant-insect cascades in agroecosystems: Implications for food security. In J. Ali, A. Tonga, & N. Ashraf (Eds.), *Insect-plant interactions: Exploring nature's intricate relationships*. APP/CRC Press.
- Yarahmadi, F., & Rajabpour, A. (2026). Pollinator diversity and ecosystem resilience: Foundations of integrated pest management for pollination. In H. Ali & K. A. Khan (Eds.), *Integrated pest and pollinator management* (pp. 195–...). Elsevier / Academic Press.
- Rajabpour, A., & Yarahmadi, F. (2025). Advances in pest detection and monitoring in integrated pest management. In H. Ali & Z. Zhuo (Eds.), *Integrated pest management: Emerging technologies and sustainable approaches* (1st ed.). CRC Press / Taylor & Francis.
- Yarahmadi, F., & Rajabpour, A. (2025). Nanotechnology in entomology: Tiny solutions for big challenges. In H. Ali & Z. Zhuo (Eds.), *Integrated pest management: Emerging technologies and sustainable approaches* (1st ed.). CRC Press / Taylor & Francis.
- Rajabpour, A., & Yarahmadi, F. (2025). Monitoring of Lepidoptera: Challenges and insights. In A. Vovlas (Ed.), *Lepidoptera: Advances in ecology, conservation, and taxonomy*. IntechOpen.
- Yarahmadi, F., & Rajabpour, A. (2024). Insecticides and natural enemies: Applications in integrated pest management programs – Challenges, criteria, and evaluation for recommendations. In S. Kumar (Ed.), *Insecticides in pest control: Impact, challenges and strategies*. IntechOpen.
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PATENT

- Yarahmadi, F., Rajabpour, A. "Organic fertilizer composition from Camellia sinensis extract for pest control and a method of synthesizing the same." U.S. Patent Application No. 14/733,970 (Granted as US20150266789A1).

COMPLETED, EXTERNALLY FUNDED RESEARCH PROJECTS

- **Pilot implementation of a novel sustainable termite-control process using bait application and bio-based pesticides at non-industrial sites of the National Iranian South Oil Fields Company (Ahvaz district)**
Executors: Ali Rajabpour, Fatemeh Yarahmadi
Funder: National Iranian South Oil Fields Company — Contract No. 53-81-1112 (22 Mar 2025)
Completion certified: May 2026 (Certification No. 1/411/55, 14 Jun 2026)
- **Fall armyworm pheromone blends for improved pest monitoring and population estimation in Australia**
Host institution: Department of Applied BioSciences, Macquarie University (engaged as Honorary Visiting Professor, Aug–Dec 2024)
Funder: Horticulture Australia Ltd
- **Identification of important pests of ornamental trees, shrubs and plants and control of key pests according to IPM program**
Funder: Joint project, ASNRUKH & Ahvaz Municipality — Completed 20 Oct 2020
- **Investigation on seasonal population dynamics and developing fixed-precision sequential sampling of lepidopteran pests in sugar beet fields, north Khuzestan**
Funder: ASNRUKH (Agricultural Organization of Khuzestan need declaration) — Completed 10 Oct 2020
- **Study of seasonal population dynamics and sequential sampling of black bean aphid in sugar beet fields of Khuzestan province**
Executor: Ali Rajabpour
Funder: ASNRUKH — Contract No. 185/411/1 (Sponsored by the Agricultural Organization of Andimeshk)
Duration: 23 Aug 2021 – 22 May 2022
- **Providing a fixed-precision sequential sampling plan for monitoring and forecasting of *Heliothis* sp. population in bean fields of Khuzestan province**
Funder: ASNRUKH (Agricultural Organization of Khuzestan need declaration) — Completed 02 Oct 2023
- **Sustainable and low-risk control of rats in public spaces in Ahvaz**
Funder: ASNRUKH, in cooperation with Ahvaz Municipality — Completed 24 Oct 2018
- **Investigation on methods to increase production efficiency in mass rearing of the predatory bug *Orius albidipennis* Reuter (Heteroptera: Anthocoridae)**
Executor: Ali Rajabpour
Funder: Vice Presidency for Science and Technology of Iran — Contract No. 4268/97/ص (03 Nov 2018)
Project duration: Jul 2012 – Nov 2018
- **Investigation on safe control methods of damaging rodents in irrigation canals and water pumping stations of Khuzestan province**
Funder: Iran Ministry of Power (Khuzestan Water and Power Authority Co.) — Completed 05 Dec 2017
- **Identification and classification of common pests, diseases, and weeds in the green spaces of Ahvaz**
Funder: Academic Center for Education, Culture and Research of Iran (ACECR) — Completed 22 Jul 2011

COMPLETED, INTERNALLY FUNDED RESEARCH PROJECTS

- **Investigating the possibility of applying secondary metabolites from *Conocarpus erectus* L. in pest control**
Funder: ASNRUKH — Completed 03 Jun 2018
- **Sequential sampling with fixed precision of aphids in wheat fields in Ahvaz**
Funder: ASNRUKH — Completed 22 Jul 2011
- **Investigating the effects of common pesticides on the black bean aphid and its natural enemies under field conditions**

Funder: ASNRUKH — Completed 03 Jul 2012

- **Study of seasonal variations in the population of the black bean aphid and its natural enemies**

Funder: ASNRUKH — Completed 27 May 2012

EDITORIAL BOARD & PEER REVIEW ROLES

Editorial Board:

- Associate Editor, Journal of Plant Diseases and Protection (Springer)-JCR indexed
- Editorial Board Member, Plant Protection-Scopus indexed- Scopus indexed

Reviewer — International Journals:

- Journal of Economic Entomology • BioControl • Applied Entomology • Entomologia Experimentalis et Applicata • International Journal of Tropical Insect Science • Egyptian Journal of Biological Pest Control • Journal of Agricultural Science and Technology • European Journal of Entomology • Journal of Entomological Society of Iran • Revista Colombiana Entomologia • Phytoparasitica • Sugar Tech • Organic Agriculture

Reviewer — National Journals:

- Plant Protection • Applied Research in Plant Protection • Journal of Entomological Research • Plant Pest Research

TEACHING EXPERIENCE

- **Graduate Supervision:** Supervised or co-supervised more than 40 graduate students at the M.Sc. and Ph.D. levels at the Agricultural Sciences and Natural Resources University of Khuzestan.

B.Sc. level:

- Important Fruit Pests • General Zoology • Entomology • Pest Management • Important Pests of Ornamental Plants and Vegetables

M.Sc. level:

- Insect Ecology • Insect Physiology • Ecological Control of Pests • Integrated Pest Management of Greenhouse Pests • Integrated Pest Management

TECHNICAL & PERSONAL SKILLS

- Computing: SPSS, SAS, RVSP, SDR, Two-sex life table analysis, SigmaPlot, calculation of Economic Injury Level (EIL) and Economic Threshold (ET)
- Laboratory: Insect rearing (*Trichogramma* spp., Braconidae, Anthocoridae, etc.); development of artificial diets for insect rearing

GENE / SEQUENCE RECORDS (GenBank, NCBI)

- MT130431.1 • MT130430.1 • MT130432.1 • MT130433.1 • MZ675528.1 • MZ675525.1 • PP177577 • PP177579 • PP177578 • PP177576 • PP177575 • PP177574