

Top cited article

Entomologia Experimentalis *et* Applicata (Wiley and Sons publishing) in 2023

Work Experience

Research fellowship	ACECR (2005-2007)
Faculty member and researcher	Agricultural Sciences and Natural Resources University of Khuzestan-From 2010
Visiting Professor	Macquarie University (Sydney-Australia)-From 2024

Teaching Experience

Assistant professor of entomology, Agricultural Sciences and Natural Resources University of Khuzestan	2010-2016 2016-2022
Associate professor of entomology, Agricultural Sciences and Natural Resources University of Khuzestan	
Professor (full) of entomology, Agricultural Sciences and Natural Resources University of Khuzestan	From 2022

Teaching Courses at Agricultural Sciences and Natural University of Khuzestan

Important fruit pests	BSc level
General Zoology	BSc level
Entomology	BSc level
Insect ecology	MSc level
Insect physiology	MSc level
Ecological control of pests	MSc level
Integrated pest management of greenhouse pests	MSc level

Research Experience

ACECR	(2005-2007)
Agricultural Sciences and Natural Resources University of Khuzestan (Bavi-Iran)	From 2010
Macquarie University (Sydney-Australia)-From 2024	From 2024

Additional Information

Computing Skills: SPSS, SAS, RVSP, SDR, Two-sex life table,
Sigma plot, Calculation of EIL and ET

Personal skills: Insect rearing (Trichogramma spp., Braconidae,
Anthocoridae and etc.)
Artificial diets for insect rearing

Editorial board

Journal of Plant Disease and Protection (as associate editor)

Plant Protection

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

National Journals

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

Patent

Yarahmadi, Fatemeh, and Ali Rajabpour. "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.

Books

Rajabpour, A. and 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).

Rajabpour. 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. and Yarahmaddi, F. 2024. Decision system in agricultural pest management. Springer Nature. (ISBN: 978-981-97-1505-3).

Yarahmadi, F. and Rajabpour, A. 2024. Introduction of important storage pests (methods of prevention and control). Agricultural Sciences and Natural Researches University of Khuzestan. (In Persian). (ISBN: 978-622-90702-1-5).

Yarahmadi, F. and Rajabpour, A. 2024. Encyclopedia of pesticide toxicology (biochemistry, bioassay, applications and ecotoxicological effects). Agricultural Sciences and Natural Researches University of Khuzestan. (In Persian). (ISBN: 978-622-90702-2-2).

Book chapters

Yarahmadi, F., **Rajabpour, A.** 2024. Insecticides and Natural Enemies: Applications in Integrated Pest Management Programs—Challenges, Criteria, and Evaluation for Recommendations. In: Kumar, S. (Ed.) Insecticides in Pest Control - Impact, Challenges and Strategies. IntechOpen, London, United Kingdom.

Rajabpour, A., Yarahmadi, F. 2024. Potential Effects of Climate Change on Plant-Insect Cascades in Agroecosystems: Implications for Food Security. In: Ali, J., Tonga, A., Ashraf, N. (Eds): Insect-Plant Interactions Exploring Nature's Intricate Relationships. APP and CRC Press. (Under publishing).

Yarahmadi, F, **Rajabpour, A.** 2024. Induced Plant Defenses against Insect Herbivores VI: From Lab to

Field - Bridging the Gap in Pest Management Applications. In: Ali, J., Tonga, A., Ashraf, N. (Eds): Insect-Plant Interactions Exploring Nature's Intricate Relationships. APP and CRC Press. (Under publishing).

The completed research projects

1. Investigating the effects of common pesticides on the black bean aphid, *Aphis fabae*, and its natural enemies under field conditions

Executors: Fatemeh Yarahmadi and **Ali Rajabpour**.

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan (ASNRUKH), Bavi, Iran

Project completion time: 03 - 07 – 2012 (Certification code in Research deputy of ASNRUKH (901/17).

2- Study of seasonal variations in the population of the black bean aphid, *Aphis fabae*, and its natural enemies in the fields

Executors: Fatemeh Yarahmadi and **Ali Rajabpour**.

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan, Bavi, Iran

Project completion time: 27 - 5 – 2012 (Certification code in Research deputy of ASNRUKH (901/43).

3- Identification and classification of common pests, diseases, and weeds in the green spaces of Ahvaz

Executors: **Ali Rajabpour** and Fatemeh Yarahmadi

Funder organization: Academic Center for Education, Culture and Research of Iran (ACECR)

Project completion time: 22 - 07 – 2011 (Certification code in Research deputy of ASNRUKH (901/57).

(Certification code in Research deputy of ACECR (S/92/50/2311-Date: 26 - 01 - 2014).

4- Sequential sampling with fixed precision of aphids in wheat fields in Ahvaz

Executors: Leila Ramezani, **Ali Rajabpour**, Nooshin Zandi-Sohani and Fatemeh Yarahmadi

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan, Bavi, Iran

Project completion time: 22 - 07 – 2011 (Certification code in Research deputy of ASNRUKH (911/2).

5- Investigating the possibility of applying the secondary metabolites obtaining from *Conocarpus ereticus* L. in pest control

Executors: **Ali Rajabpour**, Ali R. Abdali-Mashhadi, Ali. R. Ghorbani

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan, Bavi, Iran

Project completion time: 03 - 06 - 2018 (Certification code in Research deputy of ASNRUKH (1/411/236)).

6- Sustainable and low-risk control of rats in public spaces in Ahvaz.

Executor: **Ali Rajabpour**

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan, in cooperation with the Deputy of Planning and Human Capital Development of Ahvaz Municipality, Iran

Project completion time: 24 - 10 - 2018 (Certification code in Research deputy of ASNRUKH (1/411/563)).

7- Investigation on safe control methods of damaging rodents in irrigation canals and water pumping stations of Khuzestan province

Executor: **Ali Rajabpour**

Funder organization: Iran Ministry of Power (Khuzestan Water and Power Authority Co.)

Project completion time: 05 - 12 - 2017 (Certification code in Research deputy of Khuzestan Water and Power Authority Co. (5800/5274)).

8- Investigation on seasonal population dynamics and developing fixed-precision sequential sampling of lepidopteran pests in sugar beet fields in north of Khuzestan province

Executor: **Ali Rajabpour**

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan

Project completion time: 10 - 10 - 2020 (Certification code in Research deputy of ASNRUKH (1/411/202)).

9- Study of seasonal population dynamics and developing fixed-precision sequential sampling of black bean aphid, *Aphis fabae* Scopoli (Hemiptera: Aphididae) in sugar beet fields of Khuzestan province

Executor: **Ali Rajabpour**

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan (based on declaring need of Agricultural Organization of Khuzestan province)

Project completion time: 29 - 5 - 2022 (Certification code in Research deputy of ASNRUKH (1/411/185)).

10- Identification of important pests of ornamental trees, shrubs and plants and control of key pests according to IPM program

Executor: **Ali Rajabpour**

Funder organization: The Joint research project between Agricultural Sciences and Natural Resources University of Kuzestan and Ahvaz Municipality

Project completion time: 20 - 10 - 2020 (Certification code in Research deputy of ASNRUKH (1/411/235)).

Providing a fixed-precision sequential sampling plan for monitoring and forecasting of *Heliothis* sp. (Lepidoptera: Noctuidae) population in bean fields of Khuzestan province

Executor: **Ali Rajabpour**

Funder organization: Agricultural Sciences and Natural Resources University of Kuzestan (based on declaring need of Agricultural Organization of Khuzestan province)

Project completion time: 2 - 10 - 2023 (Certification code in Research deputy of ASNRUKH (1/411/520)).

Gene/sequence records

GenBank: MT130431.1 (recorded in NCBI)

GenBank: MT130430.1 (recorded in NCBI)

GenBank: MT130432.1 (recorded in NCBI)

GenBank: MT130433.1 (recorded in NCBI)

GenBank: MZ675528.1 (recorded in NCBI)

GenBank: MZ675525.1 (recorded in NCBI)

GenBank: PP177577 (recorded in NCBI)

GenBank: PP177579 (recorded in NCBI)

GenBank: PP177578 (recorded in NCBI)

GenBank: PP177576 (recorded in NCBI)

GenBank: PP177575 (recorded in NCBI)

GenBank: PP177574 (recorded in NCBI)

Other publication information

Google scholar: <https://scholar.google.com/citations?user=600xfhwAAAAJ&hl=en&oi=sra>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57192835118>

ORCID no.: [0000-0001-9064-3082](https://orcid.org/0000-0001-9064-3082)

ResearchGate: <https://www.researchgate.net/profile/Ali-Rajabpour>
