SUMMARY of RESUME

Name: Mohammad Asadi

Birth date: 22/11/1985

Birth place: Kermanshah, Iran

Contact Address: Department of Plant Protection, Faculty of Agriculture and Natural Resources, University of Mohaghegh Ardabili, Ardabil, Iran

E-Mail: assadi20@gmail.com

Tel.: +989186211015

Education

B.Sc. Department of Plant Protection, College of Agriculture, Razi University, Kermanshah, Iran.

M.Sc. Department of Plant Protection , College of Department of Agriculture, Razi University, Kermanshah, Iran.

Ph.D Department of Plant Protection, Faculty of Agriculture and Natural Resources, University of Mohaghegh Ardabili, Ardabil, Iran.

Thesis and Dissertation

M.Sc. thesis: Identification of Neuroptera fauna from Eslamabad-e Gharb and Sarpol-e Zahab cities in Kermanshah province.

M.Sc. Seminar: Rearing and releasing of green lacewings for plant pest control.

Supervisors Prof. Alinaghi Mirmoayedi, Prof. Mohammad Khanjani

Ph.D. Thesis: The lethal and physiological effects of some essential oils of medicinal plants and some chemical insecticides on the parasitoid wasp *Habrobracon hebetor* Say, under laboratory conditions.

Ph.D. Seminar: Application of plant essential oils and extracts as a new approach in plant pest control.

Supervisors: Prof. Hooshang Rafiee-Dastjerdi, Prof. Qadir Nouri-Ganbalani

Advisors: Prof. Mehdi Hassanpour, Prof. Bahram Naseri

Research Skills
Insect rearing
Insect taxonomy
Toxicology
Entomology
Biological control
Insect demography
Plant essential oils
Medicinal plants

Publications

Journal:

Asadi, M., Rafiee-Dastjerdi, H., Nouri-Ganbalani, G., Naseri, B. and Hassanpour M. 2018. The effects of plant essential oils on the functional response of *Habrobracon hebetor* Say (Hymenoptera: Braconidae) to its host. Invertebrate Survival Journal, 15: 169-182.

Asadi, M., Nouri-Ganbalani, G., Rafiee-Dastjerdi, H., Hassanpour, M. and Naseri, B. 2018. The effects of *Rosmarinus officinalis* L. and *Salvia officinalis* L. (Lamiaceae) essential oils on demographic parameters of *Habrobracon hebetor* Say (Hym.: Braconidae) on *Ephestia kuehniella* Zeller (Lep.: Pyralidae) Larvae. Journal of Essential Oil Bearing Plants, 21(3): 169-182.

Asadi, M., Rafiee-Dastjerdi, H., Nouri-Ganbalani, G., Naseri, B. and Hassanpour M. 2019. Lethal and sublethal effects of five insecticides on the demography of a parasitoid wasp. International Journal of Pest Management, 65(4): 301-312.

Asadi, M., Rafiee-Dastjerdi, H., Nouri-Ganbalani, G., Naseri, B. and Hassanpour M. 2019. Insecticidal activity of isolated essential oils from three medicinal plants on the biological control agent, *Habrobracon hebetor* Say (Hymenoptera: Braconidae). Acta Biologica Szegediensis, 63(1): 63-68.

Babaei Ghaghelestany, A., Alebrahim, M. T., and Asadi, M. 2020. Chemical analysis and identifying dominant essential oils compositions from sage (*Salvia officinalis* L.). Food Science and Technology, 17(101): 155-165.

Asadi, M., Nouri-Ganbalani, G., Rafiee-Dastjerdi, H., Hassanpour, M. and Naseri, B. 2020. Comparative study about the sublethal effects of chemical and botanical insecticides on the functional response of *Habrobracon hebetor* Say (Hym.: Braconidae) to larvae of *Ephestia kuehniella* Zeller (Lep.: Pyralidae). Inte J Pest Manag, Published online, DOI: 10.1080/09670874.2020.1797231. International Journal of Pest Management, www.doi.org/10.1080/09670874.2020.1797231.

Asadi, M., Nouri-Ganbalani, G., Rafiee-Dastjerdi, H., Hassanpour, M. and Naseri, B. 2021. Effects of plant essential oils on the changes of digestive enzymes in the ectoparasitoid, *Habrobracon hebetor* Say, with description of its digestive tube. Arthropod-Plant Interactipons. 15(6): 929-935.

Heidarian, M., Masoumi, S. M. and Asadi M. 2021. Chemical analyses of two plant essential oils and their effects on functional response of Habrobracon hebetor Say to Sitotroga cerealella Olivier larvae. Acta Biologica Szegediensis, In press.

Asadi, M. 2022. Chemical constituents of the essential oil isolated from seed of black pepper, *Piper nigrum* L., (Piperaceae). International Journal of Plant Based Pharmaceuticals. 2(1): 25-29.

Asadi, M. 2022. Chemical content of the aerial parts essential oil from rosemary, *Rosmarinus officinalis* L. (Lamiaceae) samples collected from Kermanshah province in the west of Iran. International Journal of Plant Based Pharmaceuticals. 2(1): 30-36.

Asadi, M. 2022. Chemical structure of *Glycyrrhiza glabra* L. and *Salvia officinalis* L. essential oils collected from Kermanshah province in west of Iran. Journal of Herbal Medicine. In press.

Book:

Hassanpour, M., Asadi, M., Jooyandeh, A. and Maddadi, Hossein. 2021. Biological Control of Insect and Mite Pests in Iran: A review from fundamental and applied aspects. Springer,175-196.

Congress:

Most of 30 articles in internal and external congress

Reviewer of Journal

International Journal of Tropical Insect Science
International Journal of Plant Based Pharmaceuticals

Editorial Board Member of Journal

International Journal of Plant Based Pharmaceuticals