

Dr-Hasan Hadi AL-Khshemawee

Associate professor

PhD in Entomology

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Date of birth: 13-10-1984

Nationality: Iraqi



Work Experience

- (July, 2009 to Jan, 2010) School Teacher, AL-Kut secondary school. Wasit, Iraq.
- (March, 2010 to Feb, 2014) Lecturer, Wasit University, Wasit, Iraq.
- (September 2010 to Feb 2014) worked at plant protection Dept. (Entomologist), ministry of agriculture. Wasit, Iraq.
- Worked as researcher in Wasit University Laboratory, College of Agriculture, Dept. of plant protection for 2 years.
- I worked in Murdoch University, Postharvest plant biosecurity Laboratory as Professional technician in 2015.
- Worked as volunteer with Dr Manjree project for one week.

Education

- Secondary School Certificate (SSC) – 2007. Al-Kut high school, Wasit, Iraq.
- Bachelor of Agriculture (BA), Plant protection Dept. (Entomology) of 2007. Baghdad University, Iraq.
- Master of Agriculture (MSc), Plant protection (Entomology). Baghdad University, Iraq.

- Master thesis title was Evaluation of the efficacy of some integrated management factors of *Ceratitis capitata* (Diptera:Tephritidae) in middle of Iraq
- PhD in Entomology from Murdoch University, Perth, Australia

Language: Arabic, English

Computer skills: MS Word, MS Excel and Microsoft Power point.

Publications:

- 1- Detection of Mediterranean fruit fly larvae *Ceratitis capitata* (Diptera: Tephritidae) in different types of fruit by HS-SPME GC-MS method. Journal of Biosciences & Medicines, 2017, 5, 154-169
- 2- Optimization and validation for determination of volatile organic compounds from Mediterranean fruit fly (Medfly) *Ceratitis capitata* (Diptera: Tephritidae) by using HS-SPME-GC-FID/MS, Journal of Biological Science, 2017, 17(8): 347-352
- 3- Evaluation of stable isotope $^{13}\text{C}_6$ -glucose on volatile organic compounds in different stages of Mediterranean fruit fly (Medfly) *Ceratitis Capitata*., Entomology, Ornithology & Herpetology: Curr. Res. 2017, 6(3):195-199
- 4- Stable isotope labelling of the Mediterranean fruit fly *Ceratitis capitata* (Diptera: Tephritidae), Plant Protect. Sci. 2018, Online first
- 5- Application of direct immersion solid-phase microextraction (DI-SPME) for the determination of compounds from Mediterranean fruit fly using GC-MS, Journal of Entomological Science.
- 6- Metabolism of amino acids and sugars in Mediterranean fruit fly *Ceratitis capitata* (Diptera: Tephritidae) by using (LC-MS/GC-MS) techniques, European Journal of Entomology, under reviewer.
- 7- Antifungal activity and GC-MS detection of leaves and roots parts of *Chenopodium album* extract against some phytopathogenic fungi. Indian journal of Agricultural research.

- 8- Volatile emissions of *Ceratitis capitata* adults (Wiedemann) (Diptera: Tephritidae). Journal of Entomology and Zoology Studies.
- 9- Description of new record of beewolves *Philanthus Triangulum* (Fabricius, 1790: Hymenoptera: Crabronidae) from Iraq. Plant archives.
- 10-Characterization and morphology study of honeybees' worker *Apis florae* Fabricius 1787 (Hymenoptera: Apidae) in Wasit Governorate. Journal of Biodiversity and Environmental Sciences.
- 11-Volatile Compounds of Some Blueberries Cultivars Infested with Fruit Fly *Ceratitis Capitata* Al-Qadisiyah Journal For Agriculture Sciences (QJAS)
- 12-The effect of the pathogenic fungus *Beauveria bassiana* L. on eggs and larvae of wax moth *Galleria mellonella* (Lepidoptera : Pyralidae). Wasit journal for medicine and sciences.
- 13-The role of the honey bee *Apis mellifera* L. In pollination and increase the productivity of varieties of sunflower. Karbala journal for Agricultural sciences.
- 14-Study Of Some Factors Related To The Limited Production Of Honey In Wasit Governorate, Iraq Natural volatiles and essential oils journal.
- 15-Impact of the Mediterranean fruit fly *Ceratitis capitata* [medfly] on different blueberries cultivars and the possible role of blueberry volatile compounds. AIP conference series.

Google scholar: <https://scholar.google.com/citations?hl=en&user=2R48GLEAAAAJ>

Research gate: [Hasan Al-Khshemawee \(researchgate.net\)](https://www.researchgate.net/profile/Hasan-Al-Khshemawee)

Murdoch University: [Publications: Al-Khshemawee, Hasan - Murdoch University Research Repository](https://www.murdoch.edu.au/research-repository/publications/Al-Khshemawee-Hasan)

Best,

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