## خلاصه سوابق (CV)



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| **دکتر موسی صابر**  گروه گیاهپزشکی  دانشکده کشاورزی  دانشگاه تبریز |

**1- اطلاعات شخصی**

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| **تعداد فرزند** | **وضعیت تأهل** | **ملیت-مذهب** | **تاریخ تولد** | **مرتبه علمی** | نام خانوادگی | **نام** |
| **یک** | **متأهل** | **ایرانی - شیعه** | **04/06/1349** | **استاد** | **صابر** | **موسی** |

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| **همراه** | **تلفن** | **نمابر** | **E-mail** |
| **09143200580** | **33392018 -041**  **33392039 -041** | **33345332 -041** | [moosaber**@gmail.com**](mailto:moosaber@gmail.com)  **saber**[**@tabrizu.ac.ir**](mailto:mehrvar@maragheh.ac.ir) |

**2- مدارک تحصیلی**

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| **تاریخ دریافت مدرک** | **محل تحصیل** | زمینه تخصصی | **نوع مدرک** |
| **1367** | **دبیرستان دکتر بهشتی-آذرشهر-ایران** | **علوم تجربی** | **دیپلم متوسطه** |
| **1372** | **دانشگاه تبریز – تبریز - ایران** | **گیاهپزشکی** | **کارشناسی** |
| **1375** | **دانشگاه تبریز – تبریز - ایران** | **حشره شناسی کشاورزی** | **کارشناسی ارشد** |
| **1380**  **(2002)** | **دانشگاه تربیت مدرس** | **حشره شناسی کشاورزی- سم شناسی** | **دکتری تخصصی (Ph.D.)** |

**3- عناوین پایاننامه های تحصیلی**

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| **کارشناسی ارشد:**  **بررسی زیست شناسی کرم خوشه خوار انگور Lobesia botrana در مناطق آذرشهر و خلعت پوشان شهرستان تبریز** |
| **دکتری تخصصی (Ph.D.):**  **اثرات زیرکشندگی حشره کشهای فنیتروتیون و دلتامترین روی پارامترهای جدول زیستی زنبورهای پارازیتوئید   *Trissolcus grandis* و *T. semistriatus*** |

**4- سوابق تدریس، راهنمایی و مشاوره**

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| دانشگاه محل تدریس | مقطع تحصیلی | زمان تدریس | | عنوان درس |
| **تا** | **از** |
| **دانشگاه تربیت مدرس** | **کارشناسی ارشد** | **1389** | **1383** | **سم شناسی تکمیلی** |
| **دانشگاه اردبیل** | **کارشناسی ارشد** | **1385** | **1385** | **سم شناسی تکمیلی** |
| **دانشگاه صنعتی اصفهان** | **کارشناسی ارشد** | **1386** | **1385** | **سم شناسی تکمیلی** |
| **دانشگاه گیلان** | **کارشناسی ارشد** | **1380** | **1380** | **سم شناسی تکمیلی** |
| **دانشگاه مراغه** | **کارشناسی** | **ادامه دارد** | **1381** | **سم شناسی** |
| **دانشگاه تبریز و مراغه** | **کارشناسی** | **ادامه دارد** | **1381** | **تکنولوژی مبارزه شیمیایی** |
| **دانشگاه مراغه** | **کارشناسی** | **1385** | **1381** | **میکوبیولوژی عمومی** |
| **دانشگاه مراغه** | **کارشناسی** | **ادامه دارد** | **1382** | **علفهای هرز و کنترل آنها** |
| **دانشگاه تبریز و مراغه** | **کارشناسی** | **ادامه دارد** | **1386** | **آفات مهم گیاهان زراعی** |
| **دانشگاه تبریز** | **کارشناسی** | **ادامه** | **1393** | **آفت شناسی گیاهی** |
| **دانشگاه مراغه** | **دکتری** | **ادامه دارد** | **1391** | **آفتکشها و محیط زیست** |
| **دانشگاه مراغه و شهید مدنی** | **کارشناسی ارشد** | **ادامه دارد** | **1387** | **سم شناسی تکمیلی** |
| **دانشگاه تبریز و مراغه** | **کارشناسی ارشد** | **ادامه دارد** | **1388** | **روش تحقیق در حشره شناسی** |
| **دانشگاه تبریز** | **کارشناسی** | **1400** | **1393** | **بیوشیمی** |
| **دانشگاه تبریز** | **کارشناسی** | **ادامه دارد** | **1394** | **آفات جنگلی** |
| **دانشگاه تبریز** | **کارشناسی ارشد** | **ادامه دارد** | **1395** | **کنترل بیولوژیک (مشترک)** |

**5- سوابق اجرایی**

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| دانشگاه | | مدت زمان | | سمت اجرایی |
| **تا** | از |
| **دانشکده کشاورزی مراغه – دانشگاه تبریز** | **1384** | **1383** | **مدیر امور اداری** |
| **گروه گیاهپزشکی – دانشکده کشاورزی – دانشگاه مراغه** | **1385** | **1383** | **مدیر گروه** |
| **دانشگاه مراغه** | **1389** | **1387** | **مدیر پژوهش، فناوری و تحصیلات تکمیلی** |
| **دانشگاه مراغه** | **1391** | **1390** | **معاون اداری و مالی** |
| **دانشگاه مراغه** | **1393** | **1391** | **مدیر گروه گیاهپزشکی** |
| **دانشگاه مراغه** | **1393** | **1393** | **رئیس دانشکده کشاورزی** |
| **دانشکده کشاورزی، دانشگاه تبریز** | **1401** | **1395** | **معاون پژوهش و فناوری** |

**6- وضعیت استخدامی**

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| **محل استخدام** | وضعیت استخدامی | تاریخ استخدام | | عنوان شغلی |
| تا | از |
| **گروه گیاهپزشکی- دانشکده کشاورزی- دانشگاه مراغه** | **رسمی قطعی**  **پایه 31** | **1393** | **1381** | **عضو هیئت علمی** |
| **گروه گیاهپزشکی- دانشکده کشاورزی- دانشگاه تبریز** | **رسمی قطعی**  **پایه 31** | **ادامه** | **1393** | **عضو هیئت علمی** |

*Present position and address*

|  |  |
| --- | --- |
| **Name:** | Moosa Saber |
| **Academic Position:** | Professor |
| **Department/Unit:** | Department of Plant Protection, Faculty of Agriculture, University of Tabriz |
| **Campus Address:** | 29 Bahman Boulevard, University of Tabriz, 5166614766, Tabriz, Iran |
| **E-Mail:** | [saber@tabrizu.ac.ir](mailto:saber@tabrizu.ac.ir/) or [moosaber@gmail.com](mailto:moosaber@gmail.com) |
| **Personal Page:** | <https://agricultur.tabrizu.ac.ir/en/page/6215/department-of-plant-protection>  <https://scholar.google.com/citations?user=oKM9TVcAAAAJ&hl=en>  <https://www.scopus.com/authid/detail.uri?authorId=8263756100>  <https://www.researchgate.net/profile/Moosa-Saber> |

***Education***

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| --- | --- | --- | --- |
| **Field of Study** | **Year** | **Degree** | **Institution** |
| Agricultural Entomology | 2002 | Ph.D. | Tarbiat Modares University (Tehran, Iran) |
| Agricultural Entomology | 1996 | M.Sc. | University of Tabriz (Tabriz, Iran) |
| Plant Protection | 1993 | B.Sc. | University of Tabriz (Tabriz, Iran) |

***Degree Thesis or Dissertation Title***

|  |  |
| --- | --- |
| Master of Science | Biology of grape berry moth, *Lobesia botrana* in Azarshahr and Khalatpoushan regions of Tabriz |
| Ph.D. | Sublethal effects of fenitrothion and deltamethrin on life table parameters of egg parasitoids, *Trissolcus grandis* and *Trissolcus semistriatus* |

Positions Held:

|  |  |
| --- | --- |
| Since 2015 | Professor (Full), Department of Plant Protection, Faculty of Agriculture, University of Tabriz, Iran |
| 2011-2015 | Associate Professor, Department of Plant Protection, Faculty of Agriculture, University of Maragheh, Maragheh, Iran |
| 2005-2011 | Assistant Professor, Department of Plant Protection, Faculty of Agriculture, University of Maragheh, Maragheh, Iran |
| 2002-2005 | Assistant Professor, Department of Plant Protection, Maragheh Faculty of Agriculture, University of Tabriz, Iran |

***Professional experience and Adminstration positions:***

**2016- Aug. 2022**, Vice Dean for Research and Technology, Faculty of Agriculture, University of Tabriz

**2010-2011**,Visiting Scholar, Biopest lab. (Prof. Bruce Hammock's lab), Department of Entomology, University of California-Davis, USA

**2002- Present**, Academic Staff, Department of Plant Protection, University of Tabriz, Tabriz,

**2005-2007 and 2012-2013,** Head of Department of Plant Protection

September 2000- March 2001: Federal Biological Research Center for Agriculture and Forestry, Institute for Biological Control, (BBA) Germany

(1) Testing the side effect of pesticides on natural enemies (2) The use of natural enemies in biological control

**1994-1995:** East Azarbaijan Agricultural Research Center**,**

IPM for Apple Orchards of East Azarbaijan (integration of egg parasitoids and mating disruption methods for controlling the codling moth)

***Honors and Awards***

**1996-** Scholarship, Agricultural Research and Education Organization of Iran for 4 years for doing my Ph.D.

**1993-** Scholarship, Agricultural Research and Education Organization of Iran for 2 years for doing my M.Sc.

**2010-** Top Researcher award, University of Maragheh

**2012-** Top Researcher award, University of Maragheh

**2020-** Top Teaching award, University of Tabriz.

***Research Interests***

\*\*Pesticide toxicology

\*\*Bioassay

\*\*Eecotoxicology

\*\*Biorational Insecticides

\*\*Entomopathogenic fungi

\*\*Insect pest management

***Patents:***

1. ***Nanoformulation of clofentezine acaricide using biodegradable PEG400 polymer***
2. ***Nanoformulation of biorational insecticide, hexaflumuron by biodegradablepolymers***

***Community Involvement***

**Director in Charge** for Journal of Applied Research in Plant Protection

**Editorial board member** of Journal of Applied Research in Plant Protection, 2013- present

Member of Iranian Entomological Society of Iran

Member of Entomological Society of America 2003-2011

Member of the non-government organization of German and Austria graduates (IADOEH)

***Journal Reviewer***

Journal of Economic Entomology

Pest Management Science

Crop Protection

Ecotoxicology

Journal of Pest Science

Entomologia Generalis

Journal of Crop Protection

Journal of Applied Research in Plant Protection

Natural Products Research

**Summary of Instruction**

***Undergraduate course taught***

2002-Present Toxicology of Pesticides

2004- Present Crop Pests

2014- Present Forest Pests

2002- 2017 Chemical Control Technology

***Graduate Courses***

2012- 2018 Environment Toxicology (For Ph.D. students)

2016- Present Insect Pathology (For Ph.D. students)

2015- Present Biological Control (Microbial Control section) (For M.Sc. students)

2008- Present Toxicology of Insecticides (For M.Sc. students)

2008- Present Research methodology in Entomology (For M.Sc. students)

**Supervised M.Sc. and Ph.D.**

I have been supervisor to master and PhD student projects, in more than thirty cases.

**List of Papers Published in Peer-reviewed Journals**

***Selected Paper in English***

Molaei-Kordabad N, Alizadeh-Salteh S, Ghanbari-Jahromi M, **Saber M, 2024**. In vitro study on anticancer effect of Dodder grown on fennel (Foeniculum vulgare) and camelthorn (Alhagi maorurum) against human cancer cells lines. Journal of Herbal Medicine. 43: 100819.

Zahediasl Z, Farshbaf-Pourabad R, Taghizadeh R, **Saber M. 2023**. Changes of phenoloxidase activity in hemocytes of *Helicoverpa armigera* (Lepidoptera: Noctuidae) exposed to sub-lethal concentrations of insecticides. Journal of Crop Protection. 12(2): 151-161.

Ahmadi, A., **Saber, M**. and Vojoudi, S. **2023**. Toxicity and Behavioral Effect of Indoxacarb, Voliam Targo and Profenofos on *Habrobracon hebetor* Say. (Hymenoptera: Braconidae). Journal of Applied Research in Plant Protection. 12(1): 1-11.

Mokhtari, B., **Saber, M**., Mahdavinia, G.R. and Iranipour, S. **2022**. Lethal and sublethal impacts of cyflumetofen and bromopropylate on *Tetranychus urtica* Koch (Acari: Tetranychidae). Persian Journal of Acarology. 11(3): 531-543.

Mehrvar, A. and **Saber, M. 2022**. Timely inoculation of *Helicoverpa armigera* nucleopolyhedrovirus improves its efficiency in combination with benzoylphenylurea compounds. Journal of Asia- Pacific Entomology. 25(2): 101894

Aminijam, N., **Saber, M. 2022**. Sublethal effects of three insecticides on life table parameters of the parasitoid wasp, *Lysiphlebus fabarum* (Hym.: Bracondae). Journal of Applied Research in Plant Protection. 11(1): 19-36.

Karimzadeh, R., Salehpour, M., **Saber, M**. **2021**. [Initial efficacy of pyrethroids, inert dusts, their low-dose combinations and low temperature on *Oryzaephilus surinamensis* and *Sitophilus granarius*](https://www.scopus.com/record/display.uri?eid=2-s2.0-85101304082&origin=resultslist). Journal of Stored Products Research. 91. 101780.

Noorbakhsh, S., **Saber, M.,** Farazmand, H., Alizadeh, B.H. **2021**. Intraspecific geographic variation in sex pheromone of the carob moth, Ectomyelois ceratoniae (Lepidoptera: Pyralidae). Journal of Crop Protection. 10(4): 771-786.

##### Ahmadi, Z., Saber, M., Mahdavinia, G.R. 2021. [Nanoencapsulation of clofentezine with enhanced acaricidal activity against the two spotted mite, Tetranychus urticae Koch (Acari: Tetranychidae)](https://www.scopus.com/record/display.uri?eid=2-s2.0-85089914336&origin=resultslist). Toxin Reviews. 40(4): 962-970.

Parsaeyan, E., **Saber, M.,** Safavi, S.A., Poorjavad, N., Biondi, A. **2020**. [Side effects of chlorantraniliprole, phosalone and spinosad on the egg parasitoid, *Trichogramma brassica*e](https://www.scopus.com/record/display.uri?eid=2-s2.0-85085329882&origin=resultslist). Ecotoxicology. 29(7): 1052-1061.

##### Saber, M., Ghorbani, M., Vaez, N., Armak, A. 2020. [Effects of diazinon and fipronil on functional response of Trichogramma brassicae bezdenko (Hym.; Trichogrammatidae) in the laboratory conditions](https://www.scopus.com/record/display.uri?eid=2-s2.0-85083853404&origin=resultslist). Journal of Crop Protection. 9(2): 275-283.

##### Doustaresharaf, M.M., Bagheri, M., Saber, M. 2019. [Two new species of Cryptognathidae (Acari: Prostigmata) from north-western Iran](https://www.scopus.com/record/display.uri?eid=2-s2.0-85072916692&origin=resultslist). Systematic and Applied Acarology. 24(9): 1693-1710.

##### Khorshidi, M., Farshbaf Pourabad, R., Saber, M., Zibaei, A. 2019. [Effects of hexaflumuron, lufenuron and chlorfluazuron on certain biological and physiological parameters of Helicoverpa armigera (Hübner) (Lepidoptera: Noctuidae)](https://www.scopus.com/record/display.uri?eid=2-s2.0-85070288351&origin=resultslist). Biocatalysis and Agricultural Biotechnology. 21: 101270

Sorabi, F., Jamali, F., Morammazi, S., **Saber, M.** and Kamita, S.G. **2019**. Evaluation of the compatibility of entomopathogenic fungi and two botanical insecticides tondexir and palizin for controlling *Galleria mellonella* L. (Lepidoptera: Pyralidae). Crop Protection. 117: 20-25.

Amini-Jam, N. and **Saber, M. 2018**. Sublethal Effects of Imidacloprid and Pymetrozine on the Functional Response of the Aphid Parasitoid, *Lysiphlebus fabarum*. Entomologia Generalis. 38: 173-190

**Saber, M.,** Vojoudi, S., Farrokhi, M., Ahmadi, A. **2018.** Effect of Field Recommended Rates of Emamectin Benzoate and Spinosad on Biological Parameters of Green Lacewing, *Chrysoperla carnea* (Stephens) (Neu.: Chrysopidae) under Laboratory Conditions. Applied Research in Plant Protection. 7(1): 57-67.

Ahmadi, Z., **Saber, M.**, Akbari, A., and Mahdavinia, G. R. **2018**. Encapsulation of *Satureja hortensis* L. (Lamiaceae) in chitosan/TPP nanoparticles with enhanced acaricide activity against *Tetranychus urticae* Koch (Acari: Tetranychidae). Ecotoxicology and Environmental Safety. 161: 111-119.

Ahmadi, Z., **Saber, M.**, Bagheri, M., and Mahdavinia, G. R. **2018**. *Achillea millefolium* essential oil and chitosan nanocapsules with enhanced activity against *Tetranychus urticae*. Journal of Pest Science. 91: 837-848.

**Saber, M.**, Ahmadi, Z., and Mahdavinia, G. R. **2018**. Sublethal effects of spirodiclofen, abamectin and pyridaben on life‑history traits and life‑table parameters of two‑spotted spider mite, *Tetranychus urticae* (Acari: Tetranychidae). Experimental and Applied Acarology. 75: 55-67.

Parsaeyan, E., Safavi, S.A., **Saber, M.,** Poorjavad, N. **2018**. Effects of emamectin benzoate and cypermethrin on the demography of *Trichogramma brassicae* Bezdenko. Crop Protection. 110: 269-274.

Navaei-Bonab, R., Kazzazi, M., **Saber, M.**, Vatanparast, M. **2018**. Differential Inhibition of *Helicoverpa armigera* (Lep.: Noctuidae) Gut Digestive Trypsin by Extracted and Purified Inhibitor of Datura metel (Solanales: Solanaceae). Journal of Economic Entomology. 111: 178-186.

Mansour, A. and **Saber, M**. **2017.** Effects of *Palpita unionalis* and *Galleria mellonella* larval densities on functional response, egg dispersion and progeny sex ratio of *Habrobracon hebetor*. Biocontrol Science and Technology. 27(7): 821-832.

Noorbakhsh, S., Alizadeh, B.H., Farazmand, H., **Saber, M. 2017**. Comparative study of the sex pheromone of carob moth, *Apomyelois ceratoniae* (Zeller, 1839) (Lepidoptera: Pyralidae) from four regions of Iran using headspace solid phase micro extraction.Turkish Journal of Entomology. 41(1): 61-73.

Noorbakhsh, S., Alizadeh, B.H., **Saber, M.,** Farazmand, H. **2017**. Improved synthesis of (Z,E)-9,11,13-tetradecatrienal, the sex pheromone of the Carob Moth *Apomyelois* (*=Ectomyelois*) *ceratoniae* (Lepidoptera: Pyralidae). Journal of Chemical Research. 41: 199-201.

Vojoudi, S., **Saber, M.** Gharekhani, G. and Esfadiari, E. **2017.** Toxicity and sublethal effects of hexaflumuron and indoxacarb on the biological and biochemical parameters of *Helicoverpa armigera* Hubner (Lepidoptera: Noctuidae) in Iran. Crop Protection. 91: 100-107.

Ghorbani, M., **Saber, M.,** Bagheri, M., and Vaez, N. **2016**. Effects of Diazinon and Fipronil on Different Developmental Stages of *Trichogramma brassicae*. Journal of Agriculture, Science and Technology. 18(5): 1267-1278.

Esmaili, M., **Saber, M**., Bagheri, M. and Gharekhani, G. **2016**. Effect of EmamectinBenzoate and Indoxacarb on Tomato Leaf Minor, *Tuta absoluta* Meyrick (Lep.: Gelechiidae) in Laboratory Conditions. Applied Research in Plant Protection. 4(2): 161-169.

Nazarpour, L., Yarahmadi, F. **Saber, M.** and 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.

Moshtaghi, F., Iranipour, S. Hejazi, M.J., and **Saber, M. 2016.** Temperature-dependent age-speciﬁc demography of grapevine moth (Lobesia botrana) (Lepidoptera: Tortricidae): jackknife vs. bootstrap techniques. Archives of Phytopathology and Plant Protection. 11: 263-280.

Mahdavi, V., **Saber, M.,** Rafiee, H. and Kamita, S.G. **2015.** Lethal and Demographic Impact of Chlorpyrifos and Spinosad on the Ectoparasitoid, *Habrobracon hebetor* (Say ) (Hymenoptera: Braconidae). Neotropical Entomology. 44(6): 626-633.

Jafari, M., **Saber, M.,** Gharekhani, G. and Bagheri, M. **2015.** Sublethal Effects of Methoxyfenozide and Emamectin Benzoate on *Trichogramma brassicae* Bezdenko (Hym.; Trichogrammatidae). Agricultural Pest Management. 2(1): 12-20.

Bagheri, M., Yousefi, A., Seilsepour, N., **Saber, M**., Gharekhani, G. **2015.** Redescription of *Neophyllobius astragalusi* and *FAvognathus orbiculatus* with *F. acacia* (Acari: Raphignatoidea) as a new record from Iran. Persian Journal of Acarology. 4(1): 43-55.

Golshan, H., **Saber, M.,** Majidi-Shilsar, F. Karimi, F., and Ebadi, A.A. **2014.** Laboratory Evaluation of *Beauveria bassiana* Isolates on Red Flour Beetle *Tribolium castaneum* and their characterization by Random Amplified Polymorphic DNA. Journal of Agriculture, Science and Technology. 16(4): 747-758.

Abedi, Z., **Saber, M.,** Gharekhani, G., Mehrvar, A. and Kamita, S.G. **2014.** [Lethal and Sublethal Effects of Azadirachtin and Cypermethrin on *Habrobracon hebetor* (Hymenoptera: Braconidae)](http://esa.publisher.ingentaconnect.com/content/esa/jee/2014/00000107/00000002/art00019). Journal of Economic Entomology. 107(2): 638-645.

Abedi, Z., **Saber, M.,** Mahdavi Parchin, V., Vojoudi, S. and Parsaeyan, E. **2014.** Acute, sublethal and combination effects of azadirachtin and *Bacillus thuringiensis* Berliner on cotton bollworm, *Helicoverpa armigera* (Lep.; Noctuidae). Journal of Insect Science. Vol. 14, article30.

Jafari, M., **Saber, M.,** Bagheri, M., and Gharekhani, G. **2014.** Effects of Emamectin Benzoate and Methoxyfenozide on Functional Response of *Trichogramma brassicae* (Hym: Trichogrammatidae). Applied Research in Plant Protection. 2(2): 59-70.

Sohrabi, F., Shishehbor, P., **Saber M.,** and Mosaddegh, M. S. **2014**. Effects of Buprofezin and Imidacloprid on the Functional Response of *Eretmocerus mundus* Mercet. Plant Protection Science. 50(3): 145-150.

Aminijam, N., Kocheyli, F., Mosaddegh, M. S., Rasekh, A. and **Saber M.** **2014**. Lethal and sublethal effects of imidacloprid and pirimicarb on the melon aphid, *Aphis gossypii* Glover (Hemiptera: Aphididae) under laboratory conditions. Journal of Crop Protection. 3(1): 89-98.

Mahdavi, V. and **Saber, M. 2014**. Acute toxicity and sublethal effects of diazinon on adult stage of *Habrobracon hebetor* (Hym.: Braconidae). Agricultural Pest Management. 1(1): 36-45.

Faal-Mohammadi-Ali, H., Allahyari, H. and **Saber, M. 2014**. Sublethal effect of chlorpyriphos and fenpropathrin on functional response of *Habrobracon hebetor* (Hym.: Braconidae). Archives of Phytopathology and Plant Protection. 48(4): 288-296.

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