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Education Information

Post Doctorate, Ataturk University, University Of Guelph, Canada, Turkey 2010 - 2012

Doctorate, Ataturk University, Ziraat Fakültesi, Turkey 2005 - 2008

Postgraduate, Ataturk University, Ziraat Fakültesi, Turkey 1998 - 2001

Undergraduate, Ataturk University, Ziraat Fakültesi, Turkey 1994 - 1998

Certificates, Courses and Trainings

Education Management and Planning, Honeybee Olfactory Learning Behaviour, Rothenbuhler Honey Bee Research Laboratory, Columbus, OH 43221, USA, 2002

Education Management and Planning, Instrumental Insemination of Queen Bee Short Course, Rothenbuhler Honey Bee Research Laboratory, Columbus, OH 43221, USA, 2002

Education Management and Planning, Queen Rearing Workshop, Rothenbuhler Honey Bee Research Laboratory, Columbus, OH 43221, USA, 2002

Dissertations

Doctorate, BAL ARISI (*Apis mellifera* L.) KOLONILERİNDE ARI AKARI (*Varroa destructor* Anderson&Trueman) İLE MÜCADELEDE BAZI ORAGANİK BİLEŞİKLERİN ETKİNLİKLERİ İLE BUNLARIN BALDAKİ KALINTI DÜZEYLERİ, Atatürk Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü/Hayvan Yetiştirme, 2008

Postgraduate, FARKLI YASTA LARVALARDAN TEK VE ÇİFT ASILAMA YÖNTEMİ İLE YETİSTİRİLEN ANA ARILARIN (*Apis mellifera* L.) ÖZELLİKLERİ, Atatürk Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü/Hayvan Yetiştirme, 2001

Research Areas

Agricultural Sciences, Agriculture, Zootečni and Animal Nutrition, Animal Husbandry, Bee and silk beetle

Academic and Administrative Experience

Atatürk Üniversitesi, 2013 - 2016

Atatürk Üniversitesi, 2013 - 2016

- I. **Effect of royal jelly on puberty of ewe lambs**
ŞENGÜL Ö., Ibrahim A. K., EMSEN STEINMAN B.
MEDVET VETERINARY JOURNAL-VETERINARY MEDICINE-SCIENCE AND PRACTICE, vol.77, no.9, pp.452-455, 2021 (SCI-Expanded)
- II. **Selective Breeding for Low and High Varroa destructor Growth in Honey Bee (Apis mellifera) Colonies: Initial Results of Two Generations**
De la Mora A., Emsen B., Morfin N., Borges D., Eccles L., Kelly P. G., Goodwin P. H., Guzman-Novoa E.
INSECTS, vol.11, no.12, 2020 (SCI-Expanded)
- III. **Evaluation of Dry and Wet Formulations of Oxalic Acid, Thymol, and Oregano Oil for Varroa Mite (Acari: Varroidae) Control in Honey Bee (Hymenoptera: Apidae) Colonies**
Sabahi Q., Morfin N., Emsen B., Gashout H. A., Kelly P. G., Otto S., Merrill A. R., Guzman-Novoa E.
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.113, no.6, pp.2588-2594, 2020 (SCI-Expanded)
- IV. **Seasonality of Nosema ceranae Infections and Their Relationship with Honey Bee Populations, Food Stores, and Survivorship in a North American Region**
Emsen B., De la Mora A., Lacey B., Eccles L., Kelly P. G., Medina-Flores C. A., Petukhova T., Morfin N., Guzman-Novoa E.
VETERINARY SCIENCES, vol.7, no.3, 2020 (SCI-Expanded)
- V. **Differential Gene Expression Associated with Honey Bee Grooming Behavior in Response to Varroa Mites**
Hamiduzzaman M. M., Emsen B., Hunt G. J., SUBRAMANYAM S., Williams C. E., Tsuruda J. M., Guzman-Novoa E.
BEHAVIOR GENETICS, vol.47, no.3, pp.335-344, 2017 (SCI-Expanded)
- VI. **Higher prevalence and levels of Nosema ceranae than Nosema apis infections in Canadian honey bee colonies.**
Emsen B., Guzman-Novoa E., Hamiduzzaman M. M., Eccles L., Lacey B., Ruiz-Perez R. A., Nasr M.
Parasitology research, vol.115, no.1, pp.175-81, 2016 (SCI-Expanded)
- VII. **Lower Virus Infections in Varroa destructor-Infested and Uninfested Brood and Adult Honey Bees (Apis mellifera) of a Low Mite Population Growth Colony Compared to a High Mite Population Growth Colony**
Emsen B., Hamiduzzaman M. M., Goodwin P. H., Guzman-Novoa E.
PLOS ONE, vol.10, no.2, 2015 (SCI-Expanded)
- VIII. **Honey production of honey bee (Hymenoptera: Apidae) colonies with high and low Varroa destructor (Acari: Varroidae) infestation rates in eastern Canada**
Emsen B., Guzman-Novoa E., Kelly P. G.
CANADIAN ENTOMOLOGIST, vol.146, no.2, pp.236-240, 2014 (SCI-Expanded)
- IX. **Genotypic variability and relationships between mite infestation levels mite damage grooming intensity and removal of Varroa destructor mites in selected strains of worker honey bees Apis mellifera L**
GUZMAN NOVOA E., EMSEN STEINMAN B., UNGER P., ESPINOSA M. L., PETUKHOVA T.
Journal Of Invertebrate Pathology, vol.110, pp.314-320, 2012 (SCI-Expanded)
- X. **Factors Limiting the Growth of Varroa destructor Populations in Selected Honey Bee Apis mellifera L Colonies**
EMSEN STEINMAN B., TATIANA P., GUZMAN NOVOA E.
Journal Of Animal And Veterinary Advances, vol.11, pp.4519-4525, 2012 (SCI-Expanded)
- XI. **Efficacy of Different Organic Compounds Against Bee Mite Varroa destructor Anderson and Trueman in Honey Bee Apis mellifera L Colonies**
EMSEN STEINMAN B., DODOLOĞLU A.
Journal Of Animal And Veterinary Advances, vol.10, pp.802-805, 2011 (SCI-Expanded)
- XII. **Some Characteristics of Queenbees (Apis mellifera L.) Rearing in Queenright and Queenless Colonies**
CENGİZ M. M., EMSEN STEINMAN B., DODOLOĞLU A.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.8, no.6, pp.1083-1085, 2009 (SCI-Expanded)
- XIII. **The Effects of Using Different Organic Compounds against Honey Bee Mite (Varroa destructor**

Anderson and Trueman) on Colony Developments of Honey Bee (*Apis mellifera* L.) and Residue Levels in Honey

EMSEN STEINMAN B., DODOLOĞLU A.

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- XIV. **Some Physiological Characteristics of Honeybee *Apis mellifera* L Housed in Heated Fan Wooden and Insulated Beehives**

ERDOĞAN Y., DODOLOĞLU A., Emsen STEINMAN B.

Journal Of Animal And Veterinary Advances, vol.8, pp.1516-1519, 2009 (SCI-Expanded)

- XV. **Path Analysis of Honey Yield Components Using Different Correlation Coefficients in Caucasian Honey Bee**

TOPAL M., Emsen STEINMAN B., DODOLOĞLU A.

Journal Of Animal And Veterinary Advances, vol.7, pp.1440-1443, 2008 (SCI-Expanded)

- XVI. **The effect of three methods of application on the efficacy of thymol and oxalic acid for the fall control of the honey bee parasitic mite *Varroa destructor* in a northern climate**

Emsen B., Guzman-Novoa E., Kelly P. G.

AMERICAN BEE JOURNAL, vol.147, no.6, pp.535-539, 2007 (SCI-Expanded)

- XVII. **Synchronization of estrus in fat tailed sheep using melengestrol acetate MGA in the breeding season.**

GIMENEZ DIAZ C. A., Emsen E., KÖYCEĞİZ F., Emsen STEINMAN B., YAPRAK M., KUTLUCA KORKMAZ M.

JOURNAL OF APPLIED ANIMAL RESEARCH, vol.28, pp.25-27, 2006 (SCI-Expanded)

- XVIII. **Synchronization of estrus in fat tailed sheep using melengestrol acetate MGA in the breeding season.**

GIMENEZ DIAZ C. A., Emsen E., KÖYCEĞİZ F., Emsen STEINMAN B., YAPRAK M., KUTLUCA KORKMAZ M.

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- XIX. **Effects of rearing period and grafting method on the queen bee rearing**

GENÇ F., Emsen STEINMAN B., DODOLOĞLU A.

Journal Of Applied Animal Research, vol.27, pp.45-48, 2005 (SCI-Expanded)

- XX. **The influence of vitamin E supplementation during late pregnancy on lamb mortality and ewe productivity in Awassi ewes.**

YAPRAK M., Emsen E., Emsen STEINMAN B., MACİT M.

JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.3, no.4, pp.190-193, 2004 (SCI-Expanded)

- XXI. **Comparision of some physiological characters of Caucasian, Central Anatolian and Erzurum honeybee (*Apis mellifera* L.) genotypes in the conditions of erzurum**

GENÇ F., DÜLGER C., DODOLOĞLU A., KUTLUCA S.

TURKISH JOURNAL OF VETERINARY SCIENCES, vol.23, no.4, pp.645-650, 1999 (SCI-Expanded)

- XXII. **Comparison of some behavioural characteristics of Caucasian, Central Anatolian and Erzurum honeybee (*Apis mellifera* L.) genotypes in the conditions of erzurum**

GENÇ F., DÜLGER C., KUTLUCA S., DODOLOĞLU A.

TURKISH JOURNAL OF VETERINARY SCIENCES, vol.23, no.4, pp.651-656, 1999 (SCI-Expanded)

- XXIII. **Comparison of some behavioural characteristics of Caucasian, Central Anatolian and Erzurum honeybee (*Apis mellifera* L.) genotypes in the conditions of erzurum**

GENÇ F., DÜLGER C., KUTLUCA S., DODOLOĞLU A.

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- XXIV. **Comparision of some physiological characters of Caucasian, Central Anatolian and Erzurum honeybee (*Apis mellifera* L.) genotypes in the conditions of erzurum**

GENÇ F., DÜLGER C., DODOLOĞLU A., KUTLUCA S.

TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.23, pp.645-650, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **The relationship between honey bee viruses and varroa mites**

Guzman Novoa E., Hamiduzzaman M. M., Emsen STEINMAN B., Goodwin P. H.

- Ontario Bee Journal, vol.35, pp.12-13, 2016 (Peer-Reviewed Journal)
- II. **Bal Arısı Kolonilerinde Arı Akarı İle Mücadelede Kullanılan Bazı Organik Bileşikler**
EMSEN STEİNMAN B., DODOLOĞLU A.
HASAD Hayvancılık, vol.25, pp.58-63, 2009 (Peer-Reviewed Journal)
- III. **Bal arısı kolonilerinde arı akarı ile mücadelede kullanılan bazı organik bileşikler.**
EMSEN STEİNMAN B., DODOLOĞLU A.
HASAD, vol.1, no.25, pp.58-63, 2009 (Peer-Reviewed Journal)
- IV. **İğnesiz Arıların Biyolojisi**
DODOLOĞLU A., GENÇ F., KUTLUCA S., EMSER STEİNMAN B.
Teknik Arıcılık Dergisi, vol.81, pp.26-28, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Arılarda Beslenme Yöntemleri ve Verimi Artırma Olanakları,**
GENC F., DODOLOĞLU A., EMSER STEİNMAN B.
II. Marmara Arıcılık Kongresi, Yalova, Turkey, vol.-, pp.70
- II. **Erzurum Yöresi Arıcılarının Başvurduğu Bazı Koloni Yönetim Teknikleri, 1. Kolonilerde Kuluçka Üretimi ile Polen ve Nektar Akımı Dönemlerinin Tespiti,**
CENGİZ M. M., DODOLOĞLU A., DÜLGER C., EMSER STEİNMAN B.
Türkiye 3. Arıcılık Kongresi, Adana, Turkey, vol.-, pp.57
- III. **Erzurum Yöresi Arıcılarının Başvurduğu Bazı Koloni Yönetim Teknikleri, 1. Kolonilerde Kuluçka Üretimi ile Polen ve Nektar Akımı Dönemlerinin Tespiti,**
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Türkiye 3. Arıcılık Kongresi, Adana, Turkey, vol.-, pp.57
- IV. **Arılarda Beslenme Yöntemleri ve Verimi Artırma Olanakları,**
GENC F., DODOLOĞLU A., EMSER STEİNMAN B.
II. Marmara Arıcılık Kongresi, Yalova, Turkey, vol.-, pp.70
- V. **Intensity of grooming behavior and resistance to Varroa in honey bees**
EMSEN STEİNMAN B., Unger P., Espinoza Montao L. G., Petukhova T., Hamiduzzaman M. M., Hunt G. J., Guzman E.
Proceedings of the 2017 American Bee Research Conference, 02 December 2016, vol.93, pp.104-127
- VI. **PRESERVATION OF RAM SEMEN WITH EXTENDER SUPPLEMENTED WITH SPERMATHECAL FLUID OF QUEEN BEE**
EMSEN STEİNMAN B., EMSER GİMENEZ DÍAZ E.
European Embryo Transfer Association, 11 - 12 September 2015
- VII. **Efficacy of Royal Jelly in Sheep Reproduction**
EMSEN STEİNMAN B., EMSER GİMENEZ DÍAZ E.
12th Asian Apicultural Association Conference, Antalya, Turkey, 24 - 27 April 2014
- VIII. **Using essential compounds against bee mite (Varroa destructor Anderson Trueman) in honey bee (Apis mellifera L.) colonies.**
EMSEN STEİNMAN B., CENGİZ M. M.
International Rural Development Symposium, 25 - 27 September 2009
- IX. **Bal Arısı (Apis mellifera L.) Kolonilerinde Varroa (Varroa destructor Anderson Trueman) Paraziti İle Mücadelede Organik Asitlerin Kullanımı.**
CENGİZ M. M., EMSER STEİNMAN B., GENÇ F.
IV. Organik Tarım Sempozyumu, Erzurum, Turkey, 28 June - 01 July 2010, pp.50-53
- X. **Arıcılıkta İslah Çalışmaları**
GENÇ F., DODOLOĞLU A., EMSER STEİNMAN B.
Türkiye-İsrail Arıcılık Kongresi, Antalya, Turkey, 21 - 25 February 2010, vol.-, pp.45-46
- XI. **Kolonilerde Kuluçka Üretimi ile Polen ve Nektar Akımı Dönemlerinin Tespiti.**
CENGİZ M. M., DODOLOĞLU A., EMSER STEİNMAN B., Dülger C.

Supported Projects

EMSEN STEİNMAN B., Project Supported by Higher Education Institutions, THYMOL VE THYMOL İÇERİKLİ ÜRÜNLERİN VARROA DESTRUCTOR ARI AKARINA KARŞI ETKİSİ, 2015 - 2016
EMSEN STEİNMAN B., Project Supported by Higher Education Institutions, ARI SÜTÜNÜN ANTİOKSİDANT ÖZELLİĞİNİN KOÇ SPERMASININ MUHAFAZASINDA BAZI FİZYOLOJİK ÖZELLİKLER ÜZERİNE ETKİLERİ, 2014 - 2015
EMSEN STEİNMAN B., Project Supported by Higher Education Institutions, ARI SÜTÜ KULLANIMININ DIŞI TOKLULARDA EŞEYSEL OLGUNLUK ÇAĞI ÜZERİNE ETKİSİ, 2013 - 2014

Scientific Refereeing

Annals of Agricultural Science, SCI Journal, August 2017
JOURNAL OF THE KANSAS ENTOMOLOGICAL SOCIETY, SCI Journal, April 2016

Metrics

Publication: 39
Citation (WoS): 194
Citation (Scopus): 136
H-Index (WoS): 8
H-Index (Scopus): 6