

## Prof. MEHMET ARSLAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-9848-2019

ScopusID: 57197925410

Yoksis Researcher ID: 35816

### Education Information

Doctorate, Clemson University, Faculty Of Agriculture, Agronomy, United States Of America 1994 - 1998

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Tarla Bitkileri Anabilimdalı, Turkey 1987 - 1990

Undergraduate, Dicle University, Faculty Of Agriculture, Tarla Bitkileri, Turkey 1983 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Effects of Columbia Lance Nematode (*Hoplolaimus columbus* Sher.) on Growth and Development of Tolerant and Intolerant Soybean Cultivars, Clemson University, Faculty Of Agriculture, Agronomy, 1998

Postgraduate, Çukurova Koşullarında II. Ürün Olarak Yetiştirilebilecek Yeni Soya (*Glycine max* (L.) Merr) Çeşitleri Üzerinde Bir Araştırma, Çukurova Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri Anabilimdalı, 1990

### Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Other Crops Grown for Industrial Processing (perfume-producing plants, for medicine, etc.), Oil Plants, Alkaloidal Crops (tobacco,tea,coffee,cacao,poppies,cola nuts,chicory,marijuana,etc.), Medicinal Plants, Aromatics, Biotechnology and Genetics, Molecular Biotechnology, Molecular Genetics, Genetic Engineering

### Academic Titles / Tasks

Professor, Erciyes University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2013 - Continues

Professor, Mustafa Kemal Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri, 2011 - 2013

Associate Professor, Mustafa Kemal Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri, 2006 - 2006

Assistant Professor, Mustafa Kemal Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri, 1998 - 2006

Research Assistant, Mustafa Kemal Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri, 1993 - 1999

## Academic and Administrative Experience

Erciyes University, 2014 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessment of genetic diversity, yield and quality performance of O-Type Sugar Beet (*Beta vulgaris* L.) breeding lines**  
Dirim E., SAY A., Arslan M.  
GENETIC RESOURCES AND CROP EVOLUTION, vol.71, no.4, pp.1605-1614, 2024 (SCI-Expanded)
- II. **Agronomic, biochemical and bioactive properties of sage (*Salvia officinalis* L.) affected by foliar selenium spraying**  
Beyzi E., Güneş A., Karaman K., Arslan M.  
Journal of Plant Nutrition, vol.47, no.12, pp.1931-1942, 2024 (SCI-Expanded)
- III. **Chemical Composition and Herbicidal Activities of Essential Oil from Aerial Parts of Origanum Hybrids Grown in Different Global Climate Scenarios on Seed Germination of *Amaranthus palmeri***  
Yasar A., Karaman Y., GÖKBULUT İ., Tursun A. O., Tursun N., ÜREMİŞ İ., ARSLAN M.  
Journal of Essential Oil-Bearing Plants, vol.24, no.3, pp.603-616, 2021 (SCI-Expanded)
- IV. **Effects of Foliar Boron Treatments on Yield and Yield Components of Fenugreek (*Trigonella foenum graecum* L.): Detection by PCA Analysis**  
Beyzi E., Güneş A., Arslan M., Şatana A.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.50, no.16, pp.2023-2032, 2019 (SCI-Expanded)
- V. **Physicochemical properties of cold pressed sunflower, peanut, rapeseed, mustard and olive oils grown in the Eastern Mediterranean region**  
Konuşkan D. B., ARSLAN M., Öksüz A.  
SAUDI JOURNAL OF BIOLOGICAL SCIENCES, vol.26, no.2, pp.340-344, 2019 (SCI-Expanded)
- VI. **Analysis of genetic diversity of *Sclerotinia sclerotiorum* from eggplant by mycelial compatibility, random amplification of polymorphic DNA (RAPD) and simple sequence repeat (SSR) analyses**  
Tok F. M., Dervis S., ARSLAN M.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.5, pp.921-928, 2016 (SCI-Expanded)
- VII. **Allelopathic potential of some essential oil bearing plant extracts on common lambsquarters (*Chenopodium album* L.)**  
IŞIK D., Mennan H., ÇAM M., TURSUN N., ARSLAN M.  
Revista de Chimie, vol.67, no.3, pp.455-459, 2016 (SCI-Expanded)
- VIII. **Distribution and genetic chemotyping of *Fusarium graminearum* and *Fusarium culmorum* populations in wheat fields in the eastern Mediterranean region of Turkey**  
Tok F. M., ARSLAN M.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.2, pp.254-260, 2016 (SCI-Expanded)
- IX. **Chemical Composition of *Stachys pumila* Essential Oil**  
Kaya D. A., Guzel Y., ARSLAN M.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.51, no.2, pp.363-365, 2015 (SCI-Expanded)
- X. **Response of bread-wheat seedlings to waterlogging stress**  
Tiryakioglu M., Karanlık S., ARSLAN M.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.39, no.5, pp.807-816, 2015 (SCI-Expanded)
- XI. **IDENTIFICATION OF SSR AND EST MARKERS ASSOCIATED WITH WATERLOGGING TOLERANCE IN BREAD WHEAT**  
Atak M., İlhan E., Erayman M., Dilbirliği M., Eren A. H., ARSLAN M., Çelikleş N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.11, pp.3649-3656, 2015 (SCI-Expanded)
- XII. **EFFECTS OF HARVESTING HOUR ON ESSENTIAL OIL CONTENT AND COMPOSITION OF *THYMUS VULGARIS***  
Kaya D. A., ARSLAN M., Rusu L.

- FARMACIA, vol.61, no.6, pp.1194-1203, 2013 (SCI-Expanded)
- XIII. **Effects of intra-row spacing on herbage yield, essential oil content and composition of *Micromeria fruticosa***  
ARSLAN M.  
FARMACIA, vol.60, no.6, pp.925-931, 2013 (SCI-Expanded)
- XIV. **Response of strawberry clover (*Trifolium fragiferum* L.) to salinity stress**  
Can E., ARSLAN M., Şener O., Dağhan H.  
RESEARCH ON CROPS, vol.14, no.2, pp.576-584, 2013 (SCI-Expanded)
- XV. **Transformation of Tobacco with ScMTII Gene-Enhanced Cadmium and Zinc Accumulation**  
Dağhan H., Arslan M., Uygur V., Koleli N.  
CLEAN-SOIL AIR WATER, vol.41, no.5, pp.503-509, 2013 (SCI-Expanded)
- XVI. **COMPARISON OF ORGANIC AND TRADITIONAL PRODUCTION SYSTEMS IN CHICKPEA (*Cicer arietinum* L.)**  
Çalışkan S., Erdoğan C., ARSLAN M., Çalışkan M. E.  
TURKISH JOURNAL OF FIELD CROPS, vol.18, no.1, pp.34-39, 2013 (SCI-Expanded)
- XVII. **The Effect of Heavy Metal Treatments on Uptake of Nitrogen, Phosphorus and Potassium in Transgenic and Non-Transgenic Tobacco Plants**  
Dağhan H., Uygur V., Köleli N., ARSLAN M., Eren A.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.19, no.2, pp.129-139, 2013 (SCI-Expanded)
- XVIII. **EVALUATION OF GENETIC SIMILARITY AND AGRONOMIC TRAITS OF CASTOR BEAN POPULATIONS NATURALLY GROWN IN THE EASTERN MEDITERRANEAN REGION OF TURKEY**  
Arslan M.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.26, no.4, pp.3089-3093, 2012 (SCI-Expanded)
- XIX. **EFFECTS OF SAGE LEAFHOPPER FEEDING DAMAGE ON HERBAGE COLOUR, ESSENTIAL OIL CONTENT AND COMPOSITIONS OF TURKISH AND GREEK OREGANO**  
Arslan M., Uremis I., Demirel N.  
EXPERIMENTAL AGRICULTURE, vol.48, no.3, pp.428-437, 2012 (SCI-Expanded)
- XX. **USE OF ALLICIN AS AN ALTERNATIVE HATCHING EGG DISINFECTANT VERSUS FORMALDEHYDE FUMIGATION IN BROILER HATCHING EGGS**  
Copur G., Arslan M., Baylan M., Canogullari S.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.25, no.3, pp.2494-2498, 2011 (SCI-Expanded)
- XXI. **First Report of Root Rot Caused by *Phytophthora palmivora* on *Lavandula angustifolia* in Turkey**  
Derviş S., ARSLAN M., Ulubaş Serçe Ç., Soylu S.  
PLANT DISEASE, vol.91, no.1, pp.1035, 2011 (SCI-Expanded)
- XXII. **Drying of sage (*Salvia officinalis* L.) inflorescences by intermittent and continuous microwave-convective air combination**  
Eştürk O., ARSLAN M., Soysal Y., Üremiş İ., Ayhan Z.  
RESEARCH ON CROPS, vol.12, no.2, pp.607-615, 2011 (SCI-Expanded)
- XXIII. **Antifungal activity of essential oils against three vegetative-compatibility groups of *Verticillium dahliae***  
Arslan M., Dervis S.  
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.26, no.10, pp.1813-1821, 2010 (SCI-Expanded)
- XXIV. **THE CADMIUM PHYTOEXTRACTION EFFICIENCY OF SCMTII GENE BEARING TRANSGENIC TOBACCO PLANT**  
Dağhan H., Arslan M., Uygur V., Koleli N., Eren A.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.24, no.3, pp.1974-1978, 2010 (SCI-Expanded)
- XXV. **Preliminary studies on two Diaspididae (Hemiptera) species feeding on Johnsongrass (*Sorghum halepense*) in Turkey**  
Doganlar M., Yigit A., Ben-Dov Y., Uremis I., Arslan M.  
PHYTOPARASITICA, vol.38, no.3, pp.231-236, 2010 (SCI-Expanded)

- XXVI. **Use of oregano (*Origanum onites* L.) essential oil as hatching egg disinfectant**  
 Çopur G., ARSLAN M., Duru M., Baylan M., Canogullari S., Aksan E.  
 AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.9, no.17, pp.2531-2538, 2010 (SCI-Expanded)
- XXVII. **Allelopathic potentials of residues of 6 brassica species on johnsongrass [*Sorghum halepense* (L.) Pers.]**  
 Üremiş İ., ARSLAN M., Uludağ A., Sangün M. K.  
 AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.15, pp.3497-3502, 2009 (SCI-Expanded)
- XXVIII. **Estimates of relative yield potential and genetic improvement of wheat cultivars in the Mediterranean region**  
 Sener O., Arslan M., Soysal Y., Erayman M.  
 JOURNAL OF AGRICULTURAL SCIENCE, vol.147, pp.323-332, 2009 (SCI-Expanded)
- XXIX. **Allelopathic Potential of Rapeseed Cultivars on Germination and Seedling Growth of Weeds**  
 Üremiş İ., ARSLAN M., Sangun M. K., Uygur V., İşler N.  
 ASIAN JOURNAL OF CHEMISTRY, vol.21, no.3, pp.2170-2184, 2009 (SCI-Expanded)
- XXX. **Genotypic differences for reproductive growth, yield, and yield components in groundnut (*Arachis hypogaea* L.)**  
 Çalışkan S., Çalışkan M. E., ARSLAN M.  
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.32, no.5, pp.415-424, 2008 (SCI-Expanded)
- XXXI. **Effects of genotype and picloram concentrations on callus induction and plant regeneration from immature inflorescence of spring barley cultivars (*hordeum vulgare* l.)**  
 Şener O., Can E., Arslan M., Çeliş N.  
 Biotechnology and Biotechnological Equipment, vol.22, no.4, pp.915-920, 2008 (SCI-Expanded)
- XXXII. **The effects of row spacing on yield and yield components of full season and double-cropped soybean**  
 Çalışkan S., ARSLAN M., Üremiş İ., Caliskan M. E.  
 TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.31, no.3, pp.147-154, 2007 (SCI-Expanded)
- XXXIII. **Assessment of genetic diversity in Turkish oregano (*Origanum onites* L.) germplasm by AFLP analysis**  
 Ayanoğlu F., Ergül A., ARSLAN M.  
 JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.81, no.1, pp.45-50, 2006 (SCI-Expanded)
- XXXIV. **The critical period of weed control in double-cropped soybean**  
 ARSLAN M., Üremiş İ., Uludağ A.  
 PHYTOPARASITICA, vol.34, no.2, pp.159-166, 2006 (SCI-Expanded)
- XXXV. **Effects of cultivar maturity on growth and yield of double cropped soybean**  
 Arslan M., İşler N., Çalışkan S.  
 ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.56, no.1, pp.39-46, 2006 (SCI-Expanded)
- XXXVI. **Allelopathy studies in weed science in Turkey - a review**  
 Uludağ A., Uremiş İ., ARSLAN M., Gozcu D.  
 JOURNAL OF PLANT DISEASES AND PROTECTION, pp.419-426, 2006 (SCI-Expanded)
- XXXVII. **Effects of Amount and Application Time of Saline Water on Fibre Quality Characteristics of Cotton**  
 Odemiş B., ARSLAN M.  
 FIBRES & TEXTILES IN EASTERN EUROPE, vol.13, no.3, pp.11-15, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effect of fertilizer application on winter wheat productivity under precision agriculture in Kazakhstan**  
 Baimuratov A., Bastaubayeva S., ARSLAN M., Yerallyeva Z.  
 Biodiversitas, vol.22, no.3, pp.1558-1563, 2021 (Scopus)

- II. **Plant Growth, Ion Accumulation and Essential Oil Content of *Salvia officinalis* Mill. and *S. tomentosa* L. Grown under Different Salt Stress**  
Göçer H., YETİŞİR H., ULAŞ A., Arslan M., AYDIN A.  
KSU TARIM VE DOĞA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.24, no.3, pp.505-514, 2021 (ESCI)
- III. **Oğulotu (*Melissa officinalis*) Bitkisinde Meristem Ve Somatik Embriyo Kùltürlerinden Sentetik Tohum Elde Etme Olanakları**  
BALTACI A. M., ARSLAN M.  
Erciyes Tarım ve Hayvan Bilimleri Dergisi, vol.2, no.1, pp.1-10, 2019 (Peer-Reviewed Journal)
- IV. **Professional training in organic food production: a cross-country experience**  
Guine R., Costa D., Correia P., Costa C., Correia H., Castro M., Guerra L., Seeds C., Coll C., Radics L., et al.  
INTERNATIONAL JOURNAL OF INFORMATION AND LEARNING TECHNOLOGY, vol.34, no.3, pp.259-273, 2017 (ESCI)
- V. **Surgical Hand Antiseptic Potential of Oregano Essential Oil**  
YENGİL E., TEMEL M., URUÇ V., ÇEVİK C., YULA E., ÖNLEN C., ARSLAN M.  
Eurasian Journal of Family Medicine, vol.3, pp.149-156, 2014 (Peer-Reviewed Journal)
- VI. **Effects of Some Plant Growth Regulators and Nutrient Complexes on Above ground Biomass and Seed Yield of Soybean Grown under Heat stressed Environment**  
GÜLLÜOĞLU L., ARIÖĞLU H. H., ARSLAN M.  
Journal of Agronomy, vol.5, no.1, pp.126-130, 2006 (Peer-Reviewed Journal)
- VII. **Effects of Weed-free Period on Seed Yield and Yield Components of Double-cropped Soybean (*Glycine max* L.)**  
ARSLAN M., Üremiş İ., Uludağ A.  
Asian Journal of Plant Sciences, vol.4, no.3, pp.271-274, 2005 (Scopus)
- VIII. **Allelopathic effects of some Brassica species on germination and growth of cutleaf ground cherry *Physalis angulata* L**  
ARSLAN M., ÜREMİŞ İ., ULUDAĞ A.  
Journal of Biological Sciences, vol.5, no.5, pp.661-665, 2005 (Peer-Reviewed Journal)
- IX. **Effects of harvesting stages harvesting hours and drying methods on essential oil content of lemon balm grown in Eastern Mediterranean**  
AYANOĞLU F., ARSLAN M., HATAY A.  
International Journal of Botany, vol.1, no.2, pp.138-142, 2005 (Peer-Reviewed Journal)
- X. **Effects of haulm cutting time on haulm and pod yield of groundnut**  
ARSLAN M.  
Journal of Agronomy, vol.4, pp.39-43, 2005 (Peer-Reviewed Journal)
- XI. **Determining Bio herbicidal Potential of Rapeseed Radish and Turnip Extracts on Germination Inhibition of Cutleaf Ground Cherry *Physalis angulata* L Seeds**  
ARSLAN M., ÜREMİŞ İ., ULUDAĞ A.  
Journal of Agronomy, vol.4, no.2, pp.134-137, 2005 (Peer-Reviewed Journal)
- XII. **Effect of planting method and plant population on growth and yield of sesame *Sesamum indicum* L in a mediterranean type of environment**  
ÇALIŞKAN S., ARSLAN M., ARIÖĞLU H. H.  
Asian Journal of Plant Sciences, vol.3, no.5, pp.610-613, 2004 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Yabancı Otlarda Herbisit Dayanıklılığına Epigenetik Katkı**  
GÖNÜLTAŞ M., ÇOLAK E. Ş., ARSLAN M., IŞIK D., Güven O., YÜCEL A.  
100. Yıl Türkiye Herboloji Kongresi, 19 October 2023
- II. **POTENTIAL OF IMIDAZOLINONE (IMI) RESISTANT CHICKPEA CULTIVARS TO CONTROL INVASIVE**

## WEED SPECIES

IŞIK D., ÇOLAK E. Ş., ARSLAN M.

The Invasive Plants Working Group of the EWRS workshop "Our path after Covid-19" September 23-24, 2021 In Palić, Serbia, Montenegro, 23 September 2021

- III. **Doğu Akdeniz Bölgesinde Yetişen Kara Kekiğin (Thymbra spicata Var. spicata) Uçucu Yağ İçeriği Ve Geleneksel Kullanımı**  
ARSLAN M., SAY A.  
Çukurova I. Uluslararası Multidisipliner Çalışmalar Kongresi, Adana, Turkey, 13 - 16 December 2018, vol.1, pp.1182-1185
- IV. **Hint Hardalının (Brassica juncea) Çeşitlerinin Karasal İklim Kuşağında Yetiştirilebilme Olanaklarının Belirlenmesi**  
ARSLAN M., SAY A.  
Çukurova I. Uluslararası Multidisipliner Çalışmalar Kongresi, 13 - 16 December 2018, vol.1, pp.1186-1190
- V. **Essential Oil Content and Composition of Lemon Balm (Melissa Officinalis L.) Genotypes Grown Under Central Anatolian Region**  
ARSLAN M.  
International Agricultural, Biological Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, vol.1, pp.588-592
- VI. **Diurnal Variation of Essential Oil Content and Composition of Thyme (Thymra Spicata)**  
ARSLAN M.  
International Agricultural, Biological Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, vol.1, pp.604-610
- VII. **Allelopathic Potential Of Rapeseed (Brassica Napus L.) Cultivars on Weeds**  
ARSLAN M., ÜREMİŞ İ.  
International Agricultural, Biological Life Science Conference, 2 - 05 September 2018, vol.1, pp.593-693
- VIII. **Giant Reed Growth for Ney Manufacturing in Samandağ District of Hatay Province**  
ARSLAN M.  
International Agricultural, Biological Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, vol.1, pp.584-587
- IX. **HİNT HARDALININ (Brassica juncea) ÇEŞİTLERİNİN KARASAL İKLİM KUŞAĞINDA YETİŞTİRİLEBİLME OLANAKLARININ BELİRLENMESİ**  
ARSLAN M., SAY A.  
ÇUKUROVA I. ULUSLARARASI MULTİ DİSİPLİNER ÇALIŞMALAR KONGRESİ, Adana, Turkey, 13 - 16 December 2018, pp.1186-1190
- X. **DOĞU AKDENİZ BÖLGESİNDE YETİŞEN KARA KEKİĞİN (Thymbra spicata Var. spicata) UÇUCU YAĞ İÇERİĞİ VE GELENEKSEL KULLANIMI**  
ARSLAN M., SAY A.  
ÇUKUROVA I. ULUSLARARASI MULTİ DİSİPLİNER ÇALIŞMALAR KONGRESİ, Adana, Turkey, 13 - 16 December 2018, pp.1182-1185
- XI. **Selenyum'un Adaçayı Bitkisi Üzerine Etkileri**  
BEYZİ E., GÜNEŞ A., KARAMAN K., ARSLAN M.  
International Congress on Agriculture and Animal Sciences (ICAGAS), Antalya, Turkey, 7 - 09 November 2018, pp.1036-1039
- XII. **PGPR activity of native Bacillus species on Zea mays L.**  
YILMAZ S., Mamoori K., YETİŞİR H., ARSLAN M., Çömlekçi E., Aydın A., Najm E. S.  
1. Uluslararası İğdır Multi Disipliner Çalışmalar Kongresi, İğdır, Turkey, 6 - 08 November 2018, pp.393-394
- XIII. **Response of Sesame Landraces and Cultivars to Sesame Phyllody**  
ARSLAN M., ÇALIŞKAN S.  
Uluslararası Katılımlı Türkiye 6. Tohumculuk Kongresi, Niğde, Turkey, 10 - 13 September 2018, vol.1, pp.166-168
- XIV. **Effect of Nano Silver And Zinc on Seed Germination and Seedling Growth of Sugar**  
ARSLAN M.

Uluslararası Katılımlı Türkiye 6. Tohumculuk Kongresi, Niğde, Turkey, 10 September 2017 - 13 September 2018, vol.1, pp.121-124

- XV. **Herbage Yield, Essential Oil Content and Composition Of Thyme In The Central Anatolian Region Of Turkey**  
ARSLAN M., SAY A., BEYZİ E.  
ULUSLARARASI TARIM KONGRESİ, Komrat, Moldova, 3 - 06 May 2018, pp.204
- XVI. **Şekerpancarı (Beta vulgaris L.) Biyoteknolojisinde Son Gelişmeler ve Islahında Kullanım Olanakları**  
SAY A., BALTACI A. M., ÖZMEN Ö., ARSLAN M.  
ULUSLARARASI TARIM KONGRESİ, Komrat, Moldova, 3 - 06 May 2018, pp.221
- XVII. **Next-Generation Sequencing (NGS) in Agriculture**  
SAY A., ÖZMEN Ö., BALTACI A. M., ARSLAN M.  
1ST INTERNATIONAL GAP AGRICULTURE AND LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.630
- XVIII. **Applications of CRISPR / Cas9 Technology on Plant Genomic Regulation**  
SAY A., ÖZMEN Ö., BALTACI A. M., ARSLAN M.  
1ST INTERNATIONAL GAP AGRICULTURE AND LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.629
- XIX. **The Effects of Different Solvent Usage in Oil Extraction on Fatty Acid Composition of Fenugreek Plant (Trigonella foenum graecum L.)**  
BEYZİ E., GÜNEŞ A., ARSLAN M.  
1. INTERNATIONAL GAP AGRICULTURE LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.239
- XX. **Herbage Yield, Essential Oil Content, Essential Oil Composition of Lemon Balm (Melissa officinalis L.) Genotypes Grown under The Central Anatolian Region**  
SAY A., ARSLAN M., BEYZİ E.  
1. INTERNATIONAL GAP AGRICULTURE LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.234
- XXI. **Distribution and Antioxidant Effects of Rosmarinus officinalis L. Species in Turkey**  
BEYZİ E., GÜNEŞ A., ARSLAN M.  
2nd International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT), İzmir, Turkey, 2 - 05 April 2018, pp.762
- XXII. **Kuru Fasulyenin (Phaseolus vulgaris L.) Farklı Ekim Sıklığı ve Su Stresi Koşullarında Verim ve Kalite Kriterlerinin Belirlenmesi**  
Ünlükara A., Aksu Ö., Arslan M.  
Uluslararası Su ve Çevre Kongresi, Bursa, Turkey, 22 - 24 March 2018, vol.1, pp.873-881
- XXIII. **WATER AND YIELD RELATIONSHIP FOR DRIP IRRIGATED PEA IN KAYSERİ CONDITIONS**  
KIRNAK H., UZUN S., İRİK H. A., Yılmaz M., ÖZAKTAN H., ARSLAN M.  
II INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, Budapeşte, Hungary, 7 - 11 March 2018, pp.70
- XXIV. **THE EFFECTS OF BORON APPLICATION ON YIELD AND MORPHOLOGICAL PROPERTIES OF CORIANDER (CORIANDRUM SATIVUM L.) VARIETIES**  
BEYZİ E., GÜNEŞ A., ARSLAN M.  
International Conference on Technology, Engineering and Science (IConTES), Antalya, Turkey, 26 - 29 October 2017, pp.158
- XXV. **Micropropagation of sugar beet through in vitro culture of axillary buds**  
ARSLAN M., BAKIR M., ÖZMEN Ö.  
III. INTERNATIONAL PLANT BREEDING CONGRESS, 15 - 19 October 2017
- XXVI. **Effects of Ailanthus altissima (Mill.) Swingle extracts on germination of some weed and vegetable species**  
ÜREMİŞ İ., SOYLU S., ULUDAĞ A., ARSLAN M.  
5th International Symposium Weeds and Invasive Plants, 10 - 14 October 2017, pp.100
- XXVII. **The effect of essential oil of Rosmarinus officinalis L. on several weed and crop species**  
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- XXVIII. **Flower Yield, Essential Oil Content and Essential Oil Components of Lavender (*Lavandula angustifolia* Mill.) Genotypes**  
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- XLI. **Kekik (*Origanum vulgare* ) Bitkisinde Kallus Oluşumu ve Rejenerasyon İçin Uygun Ortam ve Eksplantın Belirlenmesi**



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- XLV. **Weed Control With Essential Oils in Organic Farming**  
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- XLVI. **Contact effects of essential oils on weeds growing in organic farm lands**  
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- XLVII. **Yağ bitkileri üretiminin artırılması olanakları**  
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Türkiye Ziraat Mühendisleri Birliği VII. Teknik Kongresi Bildiri Kitabı I, Turkey, 11 - 14 October 2010

## Supported Projects

- ARSLAN M., BALTACI A. M., Project Supported by Higher Education Institutions, Oğulotu Bitkisinde (*Melissa officinalis*) Meristem ve Somatik Embriyo Kültürlerinden Sentetik Tohum Elde Etme Olanakları, 2018 - 2019
- ARSLAN M., ÖZMEN Ö., Project Supported by Higher Education Institutions, Beta Vulgaris Var Sacheriferia, Beta Vulgaris Var Rapacea ve Beta Vulgaris Var Cicla Arasında Somatik Hibridizasyon ve Protoplast Kültürü, 2018 - 2019
- BEYZİ E., GÜNEŞ A., ARSLAN M., ŞATANA A., Project Supported by Higher Education Institutions, Bor Uygulamasının Çemen (*Trigonella foenum graecum* L.) Bitkisinde Verim, Morfolojik Özellikler ve Kalite Kriterleri Üzerine Etkileri, 2016 - 2019
- KIRNAK H., İRİK H. A., ÖZAKTAN H., YILMAZ M., ARSLAN M., UZUN S., Project Supported by Higher Education Institutions, Kayseri Koşullarında Damla Sulama Sistemi ile Sulanan Bezelyede Su Verim İlişkisi, 2016 - 2017
- ARSLAN M., TUBITAK Project, Doğu Akdeniz Bölgesi'nde *Macrophomina Phaseolina* İzolatlarının Morfolojik, Fenotipik, Patojenik Ve Moleküler Karakterizasyonu, 2012 - 2015
- ARSLAN M., TUBITAK Project, Ağır Metallerce Kirlenmiş Toprakların Fitoekstraksiyon Tekniğiyle Arıtımı, 2008 - 2011
- ARSLAN M., TUBITAK Project, Kuluçkalık Yumurtaların Dezenfeksiyonunda Bio-Fumigant Olarak Rosmarin Ve Kekik Eterik Yağlarının Karşılaştırılması, 2009 - 2010
- ARSLAN M., TUBITAK Project, Ülkesel Canavar Otu (*Orobancha spp.*) Projesi, 2006 - 2010
- ARSLAN M., TUBITAK Project, Buğdayda (*Triticum Aestivum* L.) Su Baskınına Toleransla İlişkili Nicelik Özellikli Bölgelerin Tayini, 2006 - 2010
- ARSLAN M., TUBITAK Project, Türkiye Kekik Genetik Potansiyelinin AFLP Markörleri ile Karakterizasyonu, 2005 - 2008

## Metrics

Publication: 103

Citation (WoS): 239

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H-Index (WoS): 9

H-Index (Scopus): 9

## **Congress and Symposium Activities**

Fesleğenin Mikrodalga-Taşınım Sıcak Hava Kombine Sistemi ile Kurutulması, Attendee, Denizli, Turkey, 2015

## **Non Academic Experience**

Mustafa Kemal Üniversitesi

Mustafa Kemal Üniversitesi

Mustafa Kemal Üniversitesi