

## **Prof. SALİH KAFKAS**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: J-4603-2018

ScopusID: 6603328927

Yoksis Researcher ID: 130105

### **Education Information**

Doctorate, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 1995 - 2000

Postgraduate, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 1992 - 1995

Undergraduate, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, Turkey 1988 - 1992

### **Foreign Languages**

English, B2 Upper Intermediate

### **Certificates, Courses and Trainings**

Other, Birinci Çukurova Biyoteknoloji Günleri 'Bitkilerde Genetik Haritalama, Çukurova Üniversitesi, 2013

Other, Advance Course: Applications of Bioinformatics in Plant Breeding, CHIEAM, 2010

Other, Electrophoretic and PCR Techniques for Variety Verification and GMO Detection, ISTA/FAO, 2006

Other, DNA Markörleri ve Bitki İslahında Kullanımı? konulu kurs, Çukurova Üniversitesi, 2006

Other, Advanced Course on 'Use of Molecular Markers in Plant Breeding, CHIEAM, 2005

Other, Hibrit Çeşit İslahında Biyoteknoloji Kullanımı, Kamu-Özel Sektör İşbirliği Projesi, 2004

### **Dissertations**

Doctorate, Evaluation of Wild Pistacia Germplasm for Rootstock Breeding: Morphological and Horticultural Survey, and Application of Molecular Markers for Fingerprinting and Sex Determination, Cukurova University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri, 2000

Postgraduate, Değişik Atlantik Sakısı (P.atlantica, Desf.) ve Buttum (P.khinjuk, Stocks) Tiplerinin Antepfıstığında Çögür Anacı Olabilme Özellikleri Üzerinde Ön Araştırmalar, Cukurova University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri, 1995

### **Research Areas**

Agricultural Sciences, Agriculture, Garden Plants, Fruit Breeding and Breeding, Nuts (walnuts, pecans, chestnuts, filberts, almonds, etc.), Biotechnology and Genetics, Life Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2007 - Continues  
Associate Professor, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2002 - 2007  
Research Assistant PhD, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2000 - 2002  
Research Assistant, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 1996 - 2000  
Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri, 1993 - 1996

## Academic and Administrative Experience

Dean, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2020 - Continues  
Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2017 - 2020  
Anabilim Dalı Akademik Kurul Üyesi, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2002 - 2017  
Director of the Center, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2009 - 2012  
Director of Vocational School, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2005 - 2008  
Member of the Senate, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2005 - 2007  
Fakülte Akademik Kurul Üyesi, Cukurova University, Ziraat Fakültesi, Bahçe Bitkileri, 2002 - 2005

## Courses

Bahçe Bitkilerinde Moleküller Islah Yöntemleri, Undergraduate, 2016 - 2017  
Moleküller Genetik Uygulamaları, Postgraduate, 2016 - 2017  
Tohum ve Gidalarda Genetiği Değiştirilmiş Organizmaların Analizi, Postgraduate, 2016 - 2017  
Bahçe Bitkilerinde Biyoteknoloji Uygulamaları, Undergraduate, 2016 - 2017

## Jury Memberships

Award, Akademik Teşvik Komisyon Üyeliği, Çukurova Üniversitesi, January, 2017  
Award, Akademik Teşvik Komisyon Üyeliği, Bahçe Bitkileri Bölümü, January, 2017  
Award, Akademik Teşvik Komisyon Üyeliği, Çukurova Üniversitesi, January, 2016  
Award, Akademik Teşvik Komisyon Üyeliği, Bahçe Bitkileri Bölümü, January, 2016  
Associate Professor Exam, Doçentlik atama, Ege Üniversitesi, November, 2015  
Appointment to Academic Staff-Assistant Professorship, Yrd.Doç Atama, Bozok Üniversitesi, November, 2015  
Appointment to Academic Staff-Assistant Professorship, Araştırma Görevlisi sınavı, Çukurova Üniversitesi, November, 2015

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

- I. Development of a high-density genetic linkage map and identification of quantitative trait loci (QTLs) associated with *Botrytis cinerea* resistance in strawberry (*Fragaria × ananassa* Duch.)  
SÖNMEZ D. A., KARCI H., TOPÇU H., BİLGİN Ö. F., GÜNAÇTI H., TEVFİK H., ÖZGÖREN B., RONIN Y., BARALDI E., KAFKAS S., et al.

Turkish Journal of Agriculture and Forestry, vol.48, no.5, pp.677-691, 2024 (SCI-Expanded)

- II. **Identification of a major QTL region and candidate genes responsible for harvest date combining QTL mapping and QTL-seq approaches in walnut (*Juglans regia* L.)**  
 Kazan M., Karci H., Karaarslan D., Sütyemez M., Kafkas S.  
 SCIENTIA HORTICULTURAE AN INTERNATIONAL JOURNAL, vol.337, no.113576, pp.1-9, 2024 (SCI-Expanded)
- III. **Exploring nut quality traits in almond varieties: a comparative study of local and foreign cultivars and their F1 hybrid offsprings**  
 Özcan H., GÜNEY M., KARCI H., Tevfik H., KAFKAS S., Acar İ., YAŞA KAFKAS N. E.  
*Euphytica*, vol.220, no.7, 2024 (SCI-Expanded)
- IV. **Assessment of sex, nut weight, germination vigour, stem growth, and development traits of pistachio cultivars (*Pistacia vera* L.) used as rootstock**  
 Verel Ş., Karci H., Kafkas S.  
 NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.1, no.1, pp.1-14, 2024 (SCI-Expanded)
- V. **The first complete chloroplast genome sequences of *Pistacia eurycarpa* Yalt, a horticultural important rootstock and industrial tree**  
 Karci H., Kafkas S.  
*Genetic Resources and Crop Evolution*, vol.1, no.1, pp.1-14, 2024 (SCI-Expanded)
- VI. **Quantitative variation of phenolic compounds in different tissues of pistachio (*Pistacia vera* L. cv. Uzun) associated with alternate bearing**  
 GÜNEY M., Gündeşli M. A., GÜNEY M., Kafkas N. E., KAFKAS S., Ergün Z.  
*Turkish Journal of Agriculture and Forestry*, vol.48, no.4, pp.539-556, 2024 (SCI-Expanded)
- VII. **Analysis of Fennel Breeding Populations Based on Distinctness, Uniformity and stability (DUS) testing via Morphological Descriptors and DNA Molecular Markers**  
 Akbari A., Bahmani K., Kazan M., BİLGİN Ö. F., Rahimi J., Darbandi A. I., Kafkas N. E., KAFKAS S.  
*Genetic Resources and Crop Evolution*, 2024 (SCI-Expanded)
- VIII. **Revealing genetic diversity and population structure in Pistachio (*Pistacia vera* L.) by SSR markers**  
 KARCI H., PAİZİLA A., Guney M., Zhaanbaev M., KAFKAS S.  
*GENETIC RESOURCES AND CROP EVOLUTION*, vol.69, no.8, pp.2875-2887, 2022 (SCI-Expanded)
- IX. **Molecular Characterization of Almond Cultivars Using Simple Sequence Repeat Markers**  
 Esgandaripirmorad F., KARCI H., PAİZİLA A., Topcu H., KAFKAS S.  
*ERWERBS-OBSTBAU*, vol.64, no.3, pp.463-474, 2022 (SCI-Expanded)
- X. **Nutritional Analysis of Red-Purple and White-Fleshed Pitaya (*Hylocereus*) Species**  
 Attar Ş. H., Guendesli M. A., Uruen I., Kafkas S., Yaşa Kafkas N. E., Ercişi S., Ge C., Mlcek J., Adamkova A.  
*MOLECULES*, vol.27, no.3, 2022 (SCI-Expanded)
- XI. **Quantitative trait loci analysis for flower-related traits in almond (*Prunus dulcis*)**  
 PAİZİLA A., KARCI H., Motalebipour E. Z., Guney M., KAFKAS S.  
*PLANT BREEDING*, vol.141, no.1, pp.119-132, 2022 (SCI-Expanded)
- XII. **Sugar, Invertase Enzyme Activities and Invertase Gene Expression in Different Developmental Stages of Strawberry Fruits**  
 Topcu H., Degirmenci I., Sonmez D. A., PAİZİLA A., KARCI H., KAFKAS S., YAŞA KAFKAS N. E., ERCİSLİ S., Alatawi A.  
*PLANTS-BASEL*, vol.11, no.4, 2022 (SCI-Expanded)
- XIII. **Study of anatomical and Acc (1-aminocyclopropane-1-carboxylate) during flower bud abscission indicate an important role of alternate bearing**  
 Gundesli M. A., Kafkas S., Karabiyik Ş., Eti S., Yaşa Kafkas N. E.  
*TURKISH JOURNAL OF AGRICULTURE AND FORESTRY*, vol.46, no.3, pp.292-305, 2022 (SCI-Expanded)
- XIV. **Profile of Semiquinone Radicals, Phytohormones and Sugars in *Pistacia vera* L. cv. Kirmizi Development**  
 Morkunas I., Dogu M. Z., Wozniak A., Bednarski W., Kesy J., Bocianowski J., Atar Ş. H., Ueruen I. D., Labudda M., Zydlik Z., et al.  
*AGRONOMY-BASEL*, vol.11, no.11, 2021 (SCI-Expanded)
- XV. **Advances in Rootstock Breeding of Nut Trees: Objectives and Strategies**  
 Vahdati K., Sarikhani S., Arab M. M., Leslie C. A., Dandekar A. M., Aleta N., Bielsa B., Gradziel T. M., Montesinos A.,

- Rubio-Cabeta M. J., et al.  
PLANTS-BASEL, vol.10, no.11, 2021 (SCI-Expanded)
- XVI. **Seasonal Changes in the Mineral Nutrient Concentrations of Different Plant Organs of Pistachio Trees in Alternate Bearing "On" and "Off" Years**  
Gundesli M. A., Yaşa Kafkas N. E., Guney M., Kafkas S.  
ERWERBS-OBSTBAU, vol.63, no.3, pp.279-292, 2021 (SCI-Expanded)
- XVII. **Characterization of Some Fruit Quality Traits on Apple 'Kasel-41' x 'Williams Pride' F1 Population**  
Urek U., Kafkas S., Zarifikhosroshahi M., Ozongun S., Atay A. N., Aras S., Yaşa Kafkas N. E.  
ERWERBS-OBSTBAU, vol.63, no.3, pp.293-302, 2021 (SCI-Expanded)
- XVIII. **Genetic Diversity among Some Walnut (*Juglans regia* L.) Genotypes by SSR Markers**  
GÜNEY M., KAFKAS S., KELES H., Zarifikhosroshahi M., Gundesli M. A., ERCİSLİ S., Necas T., Bujdoso G.  
SUSTAINABILITY, vol.13, no.12, 2021 (SCI-Expanded)
- XIX. **Genetic Diversity and Relationships of Terebinth (*Pistacia terebinthus* L.) Genotypes Growing Wild in Turkey**  
GÜNEY M., KAFKAS S., Zarifikhosroshahi M., Gundesli M. A., ERCİSLİ S., Holubec V.  
AGRONOMY-BASEL, vol.11, no.4, 2021 (SCI-Expanded)
- XX. **Determination of fatty acid, tocopherol content and total phenol of nine selected Chinese walnut genotypes**  
BİLGİN Ö. F., ATTAR Ş. H., PAİZİLÀ A., Liu F., Gong Y., KAFKAS S., YAŞA KAFKAS N. E.  
RIVISTA ITALIANA DELLE SOSTANZE GRASSE, vol.98, no.3, pp.187-195, 2021 (SCI-Expanded)
- XXI. **Determination of α acid and tocopherol contents in Chandler x Kaplan-86 F1 walnut population**  
Arcan U. M., Sutyemez M., Bukucu S. B., Ozcan A., Gundesli M. A., Kafkas S., Yaşa Kafkas N. E.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.45, no.4, pp.434-453, 2021 (SCI-Expanded)
- XXII. **Transcriptome Sequencing and Development of Novel Genic SSR Markers From *Pistacia vera*L.**  
Karci H., Paizila A., Topcu H., Ilikcioglu E., Kafkas S.  
FRONTIERS IN GENETICS, vol.11, 2020 (SCI-Expanded)
- XXIII. **Major QTL with pleiotropic effects controlling time of leaf budburst and flowering-related traits in walnut (*Juglans regia* L.)**  
Bukucu S. B., Sutyemez M., Kefayati S., Paizila A., Jighly A., KAFKAS S.  
SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- XXIV. **ENDOGENOUS GIBBERELLIN AND ABSCISIC ACID INFLUENCE ALTERNATE BEARING IN PISTACHIO (*PISTACIA VERA* L.)**  
Kafkas N. E., Gundesli M. A., Guney M., KAFKAS S.  
PAKISTAN JOURNAL OF BOTANY, vol.52, no.4, pp.1235-1241, 2020 (SCI-Expanded)
- XXV. **Identification of the profile of endogenous cytokinin-like compounds during different plant growth stages and their effects on flower bud abscission in pistachio (*Pistacia vera* L.)**  
Gundesli M. A., Kafkas S., Guney M., Kafkas N. E.  
Folia Horticulturae, vol.32, pp.21-35, 2020 (SCI-Expanded)
- XXVI. **Association mapping of several nut characters in walnut (*Juglans regia* L.)**  
Orman E., ATEŞ D., Ozkuru E., HEPAKSOY S., KAFKAS S., TANYOLAÇ M. B.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.44, no.2, pp.208-227, 2020 (SCI-Expanded)
- XXVII. **Changes in endogenous auxin level during flower bud abscission process in Pistachio (*Pistacia vera* L.)**  
Gundesli M. A., Kafkas S., Guney M., Yaşa Kafkas N. E.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.44, no.1, pp.71-82, 2020 (SCI-Expanded)
- XXVIII. **First simple sequence repeat-based genetic linkage map reveals a major QTL for leafing time in walnut (*Juglans regia* L.)**  
Kefayati S., Ikhsan A. S., Sutyemez M., Paizila A., Topcu H., BÜKÜCÜ Ş. B., KAFKAS S.  
TREE GENETICS & GENOMES, vol.15, no.1, 2019 (SCI-Expanded)
- XXIX. **Advances in breeding of pistachio**  
KAFKAS S.

- ACHIEVING SUSTAINABLE CULTIVATION OF TREE NUTS, vol.56, pp.389-430, 2019 (SCI-Expanded)
- XXX. **Characterization of quince (*Cydonia oblonga* Mill.) accessions by simple sequence repeat markers**  
Guney M., Kafkas S., Koç A., Aras S., Keles H., Karcı H.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.43, pp.69-79, 2019 (SCI-Expanded)
- XXXI. **Highly polymorphic novel simple sequence repeat markers from Class I repeats in walnut (*Juglans regia* L.)**  
Eser E., Topcu H., Kefayati S., Sutayemez M., Islam M. R., KAFKAS S.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.43, no.2, pp.174-209, 2019 (SCI-Expanded)
- XXXII. **Role of endogenous polyamines in the alternate bearing phenomenon in pistachio**  
Gundesli M. A., Kafkas S., Zarifikhosroshahi M., Yaşa Kafkas N. E.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.43, no.3, pp.265-274, 2019 (SCI-Expanded)
- XXXIII. **Characterization of hawthorn (*Crataegus spp.*) genotypes by SSR markers**  
GUNEY M., KAFKAS S., KELES H., ARAS S., ERCİSLİ S.  
Physiology and Molecular Biology of Plants, vol.24, no.6, pp.1221-1230, 2018 (SCI-Expanded)
- XXXIV. **SSR-based genetic linkage map construction in pistachio using an interspecific F-1 population and QTL analysis for leaf and shoot traits**  
Motalebipour E. Z., Gozel H., KHODAEIAMINJAN M., KAFKAS S.  
MOLECULAR BREEDING, vol.38, no.11, 2018 (SCI-Expanded)
- XXXV. **Sex-linked markers in pistachio**  
KAFKAS S., Khodaeiaminjan M., Kafkas N. E., Güney M.  
Acta Horticulturae, vol.1219, pp.57-61, 2018 (SCI-Expanded)
- XXXVI. **Marker-assisted cultivar breeding in pistachio**  
Kafkas S., GOZEL H., KARCI H., BOZKURT H., PAIZILA A., TOPÇU H., COBAN N., KEFAYATI S., Islam M., ZHAANBAEV M., et al.  
Acta Horticulturae, vol.1219, pp.63-65, 2018 (SCI-Expanded)
- XXXVII. **QTL mapping for flower characters using 'Guara' × 'Nurlu' F1 population in almond**  
Paızıla A., Kafkas S., Ercik K., Kafkas N., Motalebipour E., Acar I., Türemiş N. F.  
Acta Horticulturae, vol.1219, pp.51-55, 2018 (SCI-Expanded)
- XXXVIII. **The possible role of macroelement content on bud abscission in pistachio (*Pistacia vera* L.)**  
Gündeşli M., Kafkas S., Güney M., Zarifikhosroshahı M., Topçu H., Coban N., Karcı H., Aslan N., Kafkas N.  
Acta Horticulturae, vol.1219, pp.99-104, 2018 (SCI-Expanded)
- XXXIX. **Detection of bud abscission of pistachio via histological analysis**  
KARABIYIK Ş., Gündeşli M., ETİ S., KAFKAS S., Güney M., Zarifikhosroshahı M., Kafkas N. E.  
Acta Horticulturae, vol.1219, pp.193-198, 2018 (SCI-Expanded)
- XL. **In silico polymorphic novel SSR marker development and the first SSR-based genetic linkage map in pistachio**  
KHODAEIAMINJAN M., KAFKAS S., MOTALEBIPOUR E. Z., COBAN N.  
TREE GENETICS & GENOMES, vol.14, no.4, 2018 (SCI-Expanded)
- XLI. **Development and linkage mapping of novel sex-linked markers for marker-assisted cultivar breeding in pistachio (*Pistacia vera* L.)**  
KHODAEIAMINJAN M., KAFKAS E., Gueny M., KAFKAS S.  
MOLECULAR BREEDING, vol.37, no.8, 2017 (SCI-Expanded)
- XLII. **Evaluation of Some Phenological and Biochemical Characteristics of Selected New Late Flowering Dried Apricot Cultivars**  
İMRAK B., KÜDEN A., YURTKULU V., KAFKAS E., ERCİSLİ S., KAFKAS S.  
BIOCHEMICAL GENETICS, vol.55, no.3, pp.234-243, 2017 (SCI-Expanded)
- XLIII. **Genetic stability of 'Festival' and 'Rubigem' cultivars in different subcultures by SSR markers**  
AYVAZ-SÖNMEZ D., KAFKAS S.  
Acta Horticulturae, vol.1156, pp.877-881, 2017 (SCI-Expanded)
- XLIV. **Aroma profiles of organically grown 'Benicia' and 'Albion' strawberries**  
Kafkas E., TÜREMİŞ N. F., BILGILI B., ZARIFIKHOSROSHAHı M., BURGUT A., KAFKAS S.

- Acta Horticulturae, vol.1156, pp.703-708, 2017 (SCI-Expanded)
- XLV. Identification of strawberry (*Fragaria × ananassa* 'Rubygem') volatiles using various SPME fibres by GC/MS**  
Kafkas E., KAFKAS S.  
Acta Horticulturae, vol.1156, pp.689-694, 2017 (SCI-Expanded)
- XLVI. Characterization of strawberry cultivars by SSR and CAPS markers**  
GÜNEYDIN S., KAFKAS S.  
Acta Horticulturae, vol.1156, pp.171-177, 2017 (SCI-Expanded)
- XLVII. Preliminary results on the polyphenol content of strawberry (*Fragaria × ananassa* Duch. 'Florida Fortuna') fruits during ripening**  
Kafkas E., KAFKAS S.  
Acta Horticulturae, vol.1156, pp.563-567, 2017 (SCI-Expanded)
- XLVIII. Determination of S alleles in Paviot x Levent apricot progenies by PCR and controlled pollination**  
Murathan Z. T., KAFKAS S., Asma B. M.  
JOURNAL OF APPLIED BOTANY AND FOOD QUALITY, vol.90, pp.147-153, 2017 (SCI-Expanded)
- XLIX. First microsatellite markers for *Scaligeria lazica* Boiss. (Apiaceae) by next-generation sequencing: population structure and genetic diversity analysis**  
Baldemir A., TOPCU H., Paksoy M. Y., MOTALEBIPOUR E. Z., KAFKAS S.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.31, no.3, pp.535-543, 2017 (SCI-Expanded)
- L. Fat, Fatty Acids and Tocopherol Content of Several Walnut Genotypes**  
Beyhan O., Ozcan A., Ozcan H., Kafkas E., KAFKAS S., Sutyemez M., ERCİŞLİ S.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.45, no.2, pp.437-441, 2017 (SCI-Expanded)
- LI. S\_allele identification and genetic diversity analysis of apricot cultivars**  
Murathan Z. T., KAFKAS S., Asma B. M., TOPCU H.  
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.92, no.3, pp.251-260, 2017 (SCI-Expanded)
- LII. EFFECT OF ROOTSTOCK ON FAT CONTENT AND FATTY ACID COMPOSITION OF IMMATURE PISTACHIO KERNELS**  
Acar I., KAFKAS S., KAPCHINA-TOTEVA V., ERCİŞLİ S.  
COMPTES RENDUS DE L'ACADEMIE BULGARE DES SCIENCES, vol.70, no.7, pp.1049-1056, 2017 (SCI-Expanded)
- LIII. Novel 307 polymorphic SSR markers from BAC-end sequences in walnut (*Juglans regia* L.): Effects of motif types and repeat lengths on polymorphism and genetic diversity**  
IKHSAN A. S., TOPCU H., Sutyemez M., KAFKAS S.  
SCIENTIA HORTICULTURAЕ, vol.213, pp.1-4, 2016 (SCI-Expanded)
- LIV. Genome survey of pistachio (*Pistacia vera* L.) by next generation sequencing: Development of novel SSR markers and genetic diversity in Pistacia species**  
MOTALEBIPOUR E. Z., KAFKAS S., KHODAEIAMINJAN M., COBAN N., GOZEL H.  
BMC GENOMICS, vol.17, 2016 (SCI-Expanded)
- LV. Inheritance of S-genotypes in Paviot x Kabaasi apricot F-1 progenies**  
Murathan Z. T., KAFKAS S., Asma B. M.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.5, pp.894-898, 2016 (SCI-Expanded)
- LVI. Volatile Compounds of New Promising Dried Apricot (*Prunus armeniaca* L.) Genotypes**  
İMRAK B., KÜDEN A., Yurtkulu V., KAFKAS S., Zarifkhosroshahi M., ERCİŞLİ S., Kafkas E.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.44, no.2, pp.568-572, 2016 (SCI-Expanded)
- LVII. Novel microsatellite markers in *Pistacia vera* L. and their transferability across the genus Pistacia**  
Topcu H., Coban N., KAFKAS S.  
SCIENTIA HORTICULTURAЕ, vol.198, pp.91-97, 2016 (SCI-Expanded)
- LVIII. In vitro PROPOGATION OF *Physalis peruviana* (L.) USING APICAL SHOOT EXPLANTS**  
GUNAY M., KAFKAS S., KEFAYATI S., MOTALEBIPOUR E. Z., TURKELI Y., ERCİŞLİ S., KAFKAS E.  
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.15, no.5, pp.109-118, 2016 (SCI-Expanded)
- LIX. Development of 185 polymorphic simple sequence repeat (SSR) markers from walnut (*Juglans regia* L.)**

- TOPCU H., IKHSAN A. S., SUTYEMEZ M., COBAN N., GUNAY M., KAFKAS S.  
SCIENTIA HORTICULTURAE, vol.194, pp.160-167, 2015 (SCI-Expanded)
- LX. **Development and characterization of SSR markers from pistachio (*Pistacia vera L.*) and their transferability to eight *Pistacia* species**  
ZALOGLU S., KAFKAS S., DOĞAN Y., GUNAY M.  
SCIENTIA HORTICULTURAE, vol.189, pp.94-103, 2015 (SCI-Expanded)
- LXI. **Identification of sex-linked SNP markers using RAD sequencing suggests ZW/ZZ sex determination in *Pistacia vera L.***  
KAFKAS S., KHODAEIAMINJAN M., GUENAY M., KAFKAS E.  
BMC GENOMICS, vol.16, 2015 (SCI-Expanded)
- LXII. **Genetic relatedness among quince (*Cydonia oblonga* Miller) accessions from Turkey using amplified fragment length polymorphisms**  
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- VII. **Polyphenol Content and Antioxidant Capacity of Medicinal and Aromatic Plants**  
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- VIII. **Genome Annotation In Plants Using ENSEMBL**  
KARCI H., GÜNEY M., KAFKAS S., TOPÇU H.  
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- IX. **Comparison of defence responses of detached leaves of local strawberry cultivars against grey mould disease**  
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- XII. Extraction techniques and defense mechanisms of phenolic compounds: Review**  
Elgudayem F., KAFKAS N. E., KAFKAS S.  
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- XIII. Comparing the methods of evaluation of antioxidant activity from natural matrix**  
Elgudayem f., KAFKAS N. E., KAFKAS S.  
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- XIV. SEKANSLAMA YOLUYLA GENOTİPLENDİRME**  
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4. International Mediterranean Symposium, 22 - 24 October 2020
- XV. ANTEPFİSTİĞİ YETİŞTİRİCİLİĞİNDE KULLANILAN ANAÇLAR**  
Gündeşli M. A., KAFKAS S., KARCI H.  
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- XVI. PISTACHIO ROOTSTOCKS AND ROOTSTOCK BREEDING**  
KAFKAS S., KARCI H., GÜNEY M.  
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- XVII. PİSTACİA TÜRLERİ VE TAKSONOMİSİ**  
KAFKAS S., GÜNEY M., KARCI H.  
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- XVIII. MiRNA'NIN BİTKİLERDEKİ ROLÜ**  
topcu h., KARCI H., KAFKAS S.  
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- XIX. ANTEPFİSTİĞİNDE GENİK BASIT DİZİ TEKRARLARI**  
GÜNEY M., KARCI H., KAFKAS S.  
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- XX. YENİ NESİL DİZİLEME VERİLERİNDEN SNP BÖLGELERİNİN BELİRLENMESİ**  
KARCI H., KAFKAS S.  
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- XXI. Determination of the Chlorophyll Content of Pistachio (*Pistacia vera L.*) Kernels Using Various Extraction Techniques**  
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- XXII. Determination of Aroma Compounds Of Three Different Pistachio Varieties Using HS/GC/MS Techniques**  
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- XXIII. *P. lentiscus*'un MORFOLOJİSİ, DAĞILIŞI VE KULLANIM ALANLARI**  
BİLGİN Ö. F., KAFKAS S., KARCI H.  
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- XXIV. History of Next Generation Sequencing**  
GÜNEY M., KAFKAS S., KARCI H.  
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- XXV. *Pistacia eurycarpa*'nın DAĞILIMI VE MORFOLOJİSİ**  
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- XXVI. Bitkilerde Cinsiyetin Belirlenmesi Mekanizmaları**  
Topcu H., GÜNEY M., KAFKAS S.  
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- XXVII. Bitkilerde Rna Sekanslaması İle Cinsiyet Belirleme**

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- XXVIII. **Bitkilerde Qtl-Seq Yöntemi İle Hızlı Qtl Haritalama**  
KARCI H., GÜNEY M., KAFKAS S.  
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- XXIX. **Bitkilerde Cinsiyet Belirlenmesinde Küçük RNA'ların Rolü**  
TOPCU H., KARCI H., KAFKAS S.  
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- XXX. **WRKY-Bitkilerde En Geniş Transkripsiyon Faktör Ailesi**  
Gündüz L., KAFKAS S., GÜNEY M.  
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- XXXI. **Bitkilerde İlişkili Haritalama (Am) Ve Markör Geliştirme**  
KARCI H., GÜNEY M., KAFKAS S.  
2. International Mersin Symposium, Mersin, Turkey, 23 - 05 May 2019, vol.3, pp.293-301
- XXXII. **Main Issues In Pistachio Production**  
GÜNEY M., KAFKAS S., KARCI H.  
2. International Mersin Symposium, Mersin, Turkey, 23 - 25 May 2019, vol.3, pp.249-255
- XXXIII. **SSR Markers In Cultivated Pistachio**  
GÜNEY M., KAFKAS S., KARCI H.  
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- XXXIV. **Yeni Nesil Dizileme Teknolojisinin Bitki İslahında Kullanımı**  
KARCI H., GÜNEY M., KAFKAS S.  
2. International Mersin Symposium, Mersin, Turkey, 23 - 25 May 2019, vol.3, pp.284-292
- XXXV. **APPLIED METHODS in STRAWBERRY BREEDING**  
KAFKAS N. E., KAFKAS S.  
1.Uluslararası Mersin Sempozyumu, 1 - 03 November 2018
- XXXVI. **Progress in Pistachio Production and Cultivation in the World**  
KAFKAS S., KARCI H., GÜNEY M.  
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- XXXVII. **Phylogenetic Analysis of the Genus Pistacia by EST-SSR Markers**  
KARCI H., KAFKAS S.  
1.International Mersin Symposium, 1 - 03 November 2018, vol.3
- XXXVIII. **Development and Uses of SSR Markers in Walnut**  
Paizila A., GÜNEY M., KAFKAS S.  
1. International Mersin Symposium, Mersin, Turkey, 1 - 03 November 2018, vol.3, pp.351-357
- XXXIX. **Molecular Marker Techniques for Plant Breeding**  
GÜNEY M., KARCI H., KAFKAS S.  
1. International Mersin Symposium, Mersin, Turkey, 1 - 03 November 2018, vol.3, pp.195-200
- XL. **Development of EST-SSR markers in pistachio (*Pistacia vera L.*) by transcriptome sequencing**  
KARCI H., KAFKAS S.  
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- XLI. **Marker-Assisted Selection in Nuts**  
KAFKAS S., GÜNEY M., KARCI H.  
1. International Mersin Symposium, Mersin, Turkey, 1 - 03 November 2018, vol.3, pp.215-220
- XLII. **Cultivar Breeding Objectives and Achievements in Almond**  
Paizila A., KAFKAS S., GÜNEY M.  
1. International Mersin Symposium, Mersin, Turkey, 1 - 03 November 2018, vol.3, pp.341-345
- XLIII. **Progress in Pistachio Cultivar Breeding**  
KAFKAS S., KARCI H., GÜNEY M.  
1. International Mersin Symposium, Mersin, Turkey, 1 - 03 November 2018, vol.3, pp.210-214
- XLIV. **Progress in Cultivar Breeding of Walnut**

- KARCI H., GÜNEY M., KAFKAS S.  
1.International Mersin Symposium, 1 - 03 November 2018, vol.3
- XLV. **Simple Sequence Repeat Markers: Are they still useful**  
PAİZILA a., KAFKAS S., KARCI H.  
1.International Mersin Symposium, 1 - 03 November 2018, vol.3
- XLVI. **Marker-Assisted Cultivar Breeding in Pistachio**  
KAFKAS S., gözel h., KARCI H., paizila a., topcu h., çoban n., kefayati s., islam r., zhaanbaev m., KAFKAS N. E., et al.  
VII International Symposium on Almonds and Pistachios, 5 - 09 November 2017
- XLVII. **Clonal Selection in Tombul Hazelnut: Preliminary Results**  
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- XLVIII. **Bazı Ceviz Genotiplerinin Dormansiden Çıkış ve Çiçeklenme Özellikleri ile İlişkili Fenolojik Özelliklerinin Belirlenmesi**  
BÜKÜCÜ Ş. B., SÜTYEMEZ M., KAFKAS S.  
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- XLIX. **Investigation on Seasonal Changes of Macro element Concentrations of Cluster and Fruit of 'Uzun' Pistachio Trees in Relation to Fruit Set and Fruit Bud Abscission.**  
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- L. **Comparison of phenolic compounds and antioxidant capacity of Uzun pistachio (*Pistacia vera L.*) variety**  
KAFKAS N. E., KAFKAS S., ZARİFİKHOSROSHAHİ M., KARCI H., GÜNEY M., TOPÇU H., GÜNDEŞLİ M., REDDAD C., İLBİLGE o., CAM E.  
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- LI. **Differentially Expressed Mirnas in The Inflorescence Buds From 'On-Year'and 'Off-Year' Trees in Pistachio.**  
Zarifikhosroshahi M., KAFKAS S., KAFKAS N. E., Topçu H., KARCI H., GÜNEY M., Paizila H.  
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- LII. **Expression of Candidate Genes Responsible for Bud Abscission in Pistachio**  
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- LIII. **Expression analysis of candidate genes responsible for bud abscission in pistachio**  
KAFKAS S., KAFKAS N. E., GÜNEY M., Zarifikhosroshahi M., KARCI H., Çoban N., Topçu H., Gündeşli M., ETİ S., KARABIYIK Ş., et al.  
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- LIV. **Detection of fat and fatty acids of unroasted cashew (*Anacardium occidentale L.*) kernels**  
KAFKAS N. E., çam e., oğuz i., zarifikhoshorahi m., reddad c., KAFKAS S.  
VIII International symposium on walnut cashew and pecan, 29 November - 01 December 2017
- LV. **A Genetic Linkage Map for Walnut Based on SSR Markers**  
Kefayati S., İkhsan S., SÜTYEMEZ M., TOPCU H., KAFKAS S.  
VIII International Symposium on Walnut, Cashew and Pecan, 29 November - 01 December 2017
- LVI. **Characterization of total phenol content and antioxidant activity in ChandlerXKaplan-86 F1 Walnut Population**  
CAM E., BÜKÜCÜ Ş. B., OĞUZ İ., ÖZCAN A., NAR A., SÜTYEMEZ M., KAFKAS S., KAFKAS N. E.  
VIII International Symposium on Walnut, Cashew and Pecan, 29 November - 01 December 2017

- LVII. **Development of polymorphic simple sequence repeat markers in *Juglans regia* L.**  
 ESER E., TOPÇU H., SÜTYEMEZ M., KEFAYATI S., KAFKAS S.  
 VIII International Symposium on Walnut, Cashew and Pecan, 29 November - 01 December 2017
- LVIII. **Determination and Segregation of Nutrient Element Contents in Fruits of F1 Hybrids of 'Chandler' x 'Kaplan-86' walnuts**  
 SÜTYEMEZ M., KAFKAS S., ÖZCAN A., BÜKÜCÜ Ş. B., KAFKAS N. E.  
 VIII International Symposium on Walnut, Cashew and Pecan, 29 November - 01 December 2017
- LIX. **Expression analysis of Candidate Genes Responsible for Bud Abscission in 'Uzun' Pistachio variety**  
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- LX. **Alternate bearing and the possible role of Nutritient in bud abscission of pistachio (*Pistacia vera* L. cv. Uzun)**  
 Gündeşli M., KAFKAS N. E., KAFKAS S., GÜNEY M., Zarifikhosroshahi M., N Ç., KARCI H.  
 VII International Symposium On Almonds Pistachios, Adelaide, Australia, 5 - 09 November 2017
- LXI. **Antioxidant Activity and Total Phenol Content of Gulcan-2 × Lauranne F1 Almond Population**  
 ÖZCAN H., KAFKAS S., AÇAR İ., ERCİK K., PAİZILA A., Zarifikhosroshahi M., REDDAD C., CAM E., DEMİRAĞ M., KÜDEN A., et al.  
 VII INTERNATIONAL SYMPOSIUM ALMONDS AND PISTACHIO, 5 - 09 November 2017
- LXII. **Pistachio Genome Sequencing and Assembly**  
 KAFKAS S., KARCI H., YAŞA KAFKAS N. E.  
 VII International Symposium on Almonds and Pistachios, Adelaide, Australia, 5 - 09 November 2017, pp.1
- LXIII. **In silico polymorphic SSR marker development and genetic linkage map construction in pistachio**  
 Khodaiaminjan M., KAFKAS S., KARCI H., Ziya Motalebipour E., Çoban N., Gozel H.  
 VII International Symposium on Almonds and Pistachios, Adelaide, Australia, 5 - 09 November 2017, pp.1
- LXIV. **Antioxidant activity and total phenol content of Gulcan-2 x Lauranne F1 almond population**  
 ÖZCAN H., KAFKAS S., AÇAR İ., ERCİK K., PAİZILA A., ZARIFİKHOSROSHAHİ M., REDDAD C., CAM E., DEMİRAĞ M., KAFKAS N. E.  
 VII International Symposium on Almonds and Pistachios, Adelaide, Australia, 5 - 09 November 2017, pp.75
- LXV. **QTL mapping for flower characters using Guara x Nurlu F1 population in almond**  
 PAİZILA A., KAFKAS S., ERCİK K., KAFKAS N. E., ZIYAMOTALEBIPOUR E., AÇAR İ.  
 VII. International Symposium on Almonds and Pistachios, Adelaide, Australia, 5 - 09 November 2017, pp.77
- LXVI. **Expression analysis of Candidate Gene Responsible for Bud Abscission in Uzun Pistachio**  
 YAŞA KAFKAS N. E., KAFKAS S., Güney M., Zarifikhosroshahi M., KARCI H., ÇOBAN N., Topçu H., Gündeşli M. A., ETİ S., KARABIYIK Ş., et al.  
 VII. International Symposium on Almonds and Pistachios, Adelaide, Austria, 5 - 09 November 2017, pp.1-6
- LXVII. **Use of Molecular Markers in Plants for Cultivar Identification**  
 KAFKAS S., Topcu H., Paizila A., kefayati s., Islam R., Zhaanbaev M.  
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- LXVIII. **SSR fingerprinting of pistachio cultivars from different origins**  
 Zhaanbaev M., Topcu H., Paizila A., kefayati s., KAFKAS S.  
 The Eurasian Agriculture and Natural Sciences Congress, 20 - 23 September 2017
- LXIX. **Characterization of strawberry cultivars by SSR and CAPS markers**  
 Günaydin S., KAFKAS S.  
 VIII International Strawberry Symposium, 13 - 17 August 2017
- LXX. **Aroma profiles of organically grown 'xxBenicia'xx and 'xxAlbion'xx strawberries**  
 KAFKAS N. E., TÜREMİŞ N. F., Bilgili B., Zarifikhosroshahi M., Burgut A., KAFKAS S.  
 VIII International Strawberry Symposium, 13 - 17 August 2017
- LXXI. **Identification of strawberry (*Fragaria* × *ananassa* 'xxRubygem'xx) volatiles using various SPME fibres by GC/MS**  
 KAFKAS N. E., KAFKAS S.

- VIII International Strawberry Symposium, 13 - 17 August 2017
- LXXII. **Construction of a reference genetic linkage map in pistachio by SSR markers**  
Khodaeiaminjan M., KAFKAS S., ZiyaMotalebipour E., Çoban N., Gözel H.  
XXV Plant and Animal Genome Conference, 14 - 18 February 2017
- LXXIII. **Determination of Nutrient Element Contents in Fruits of F1 Hybrids of 'Chandler' x 'Kaplan-86' walnuts**  
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VIII International Symposium on Walnut, Cashew and Pecan, Santiago, Chile, 29 November - 01 December 2017
- LXXIV. **Mineral composition of chandlerxKaplan 86 F1 population**  
BÜKÜCÜ Ş. B., KAFKAS N. E., özcan h., kömür k., sütyemez m., DAŞGAN H. Y., KAFKAS S., özcan a.  
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- LXXV. **EFFECTS OF VARIOUS PLANT GROWTH REGULATORS ON IN VITRO PROPAGATION OF CHESTER THORNLESS BLACKBERRY CULTIVAR**  
kefayati s., KAFKAS N. E., KAFKAS S.  
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- LXXVI. **Chandler X Kaplan-86 F1 Bitkilerinde Pomolojik Özelliklerin Karakterizasyonu**  
KEFAYATI S., OLUT B., SÜTYEMEZ M., KAFKAS N. E., ÖZCAN H., BÜKÜCÜ Ş. B., KÖMÜR Y. K., NAMLI M., TÜREMİŞ N. F., KAFKAS S.  
3. Ulusal Ceviz Sempozyumu, Bolu, Turkey, 13 - 15 October 2016, pp.65
- LXXVII. **Developing new microsatellite markers in walnut**  
karataş s., topçu h., KAFKAS S.  
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- LXXVIII. **İnvitro propagation of jumbo blackberry cultivars**  
KAFKAS N. E., kefayati S., KAFKAS S.  
3rd International Symposium Horticulture in Europe, 17 - 21 October 2016
- LXXIX. **Construction of an almond genetic linkage map using F1 population Gülcان 2XLauranne by SSR markers**  
Paizila A., KAFKAS S., Motalebipour E. Z., AÇAR İ., TÜREMİŞ N. F.  
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- LXXX. **In silico polymorphism analysis for the development of simple sequence repeat markers in pistachio**  
Khodaijman M., KAFKAS S., motelabipour e. z., Çoban N., Gözel H.  
3. international symposium on horticulture in europe, 17 - 21 October 2016
- LXXXI. **İnvitro propagation of jumbo blackberry cultivar**  
KAFKAS N. E., Kefayati S., KAFKAS S.  
3. international symposium on horticulture in europe, 17 - 21 October 2016
- LXXXII. **Genetic relationship among pistacia vera L cultivars based on simple sequence repeat markers**  
Motalebipour E., KAFKAS S., Khodjman M., Gozel H., Çoban N.  
3. international symposium on horticulture in europe, 17 - 21 October 2016
- LXXXIII. **CONSTRUCTION OF ALMOND GENETIC LINKAGE MAP USING F1 POPULATION GULCAN 2 X LAURANNE BY SSR MARKERS**  
KAFKAS S., PAIZILA A., MOTALEBIPOUR E. Z., AÇAR İ., TÜREMİŞ N. F.  
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- LXXXIV. **Ceviz Çeşitlerinin İsmine Doğruluklarının DNA Testleri İle Belirlenmesi**  
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- LXXXV. **Identification of strawberry F xananassa Rubygem volatiles using various spme fibers by GC MS**  
KAFKAS N. E., KAFKAS S.  
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- LXXXVI. **Genetic stability of festival and rubygem cultivars in different subcultures by ssr markers**  
ayvaz sönmez d., KAFKAS S.  
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- LXXXVII. **Aroma profiles of organically grown 'Benicia' and 'Albion' strawberries**  
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- LXXXVIII. **Preliminary results on the polyphenol content of strawberry (*Fragaria × ananassa* Duch. 'Florida Fortuna') fruits during ripening**  
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- LXXXIX. **Identification of strawberry (*Fragaria × ananassa* 'Rubygem') volatiles using various SPME fibres by GC/MS**  
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- XC. **Fruit quality characteristics of organically grown strawberry varieties**  
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- XCII. **FRUIT QUALTY CHARACTERİSTİCS OF ORGANİCALLY GROWN STRAWBERRY VARIETIES**  
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KAFKAS S., KEFAYATI S., Project Supported by Higher Education Institutions, CEVİZİN SSR, SNP VE DArT MARKÖRLERİ

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YAŞA KAFKAS N. E., TÜREMİŞ N. F., KAFKAS S., TUBITAK Project, Cevizde SSR Markörleri İle İlk Referans Genetik Haritanın Oluşturulması, Sekanslama Yoluyla Genotiplendirme Yöntemi Kullanılarak Yüksek Yoğunlukta Genetik Haritanın Eldesi ve Kantitatif Özellik Lokus Analizleri, 2015 - 2018

KAFKAS S., ESGANDARIPIRMORAD F., Project Supported by Higher Education Institutions, BAZI YERLİ VE YABANCI BADEM ÇEŞİTLERİNİN SSR MARKÖR TEKNİKLERİ İLE KARAKTERİZASYONU, 2014 - 2018

YAŞA KAFKAS N. E., KAFKAS S., DAŞGAN H. Y., Project Supported by Higher Education Institutions, Determination of Nutrient Element Contents in Fruits of F1 Hybrids of Chandler x Kaplan86 walnuts, 2017 - 2017

KAFKAS S., Project Supported by Higher Education Institutions, In silico polymorphic SSR marker development and genetic linkage map construction in pistachio, 2017 - 2017

KAFKAS S., Project Supported by Higher Education Institutions, Dondurarak kurutma cihazı bakımı ve onarımı, 2016 - 2017

KAFKAS S., Project Supported by Higher Education Institutions, Construction of A Reference Genetic Linkage Map In Pistachio by SSR Markers, 2016 - 2017

KAFKAS S., KARCI H., Project Supported by Higher Education Institutions, ANTEPFİSTİĞİNDAN GELİŞTİRİLEN EST-SSR MARKÖRLER İLE Pistacia TÜRLERİNİN FILOGENETİK ANALİZİ, 2016 - 2017

ÖZKAN H., KAFKAS S., Project Supported by Higher Education Institutions, Yeni Nesil Illumina Sekanslaması İle Antepfistiğinin Referans Genom Dizisinin Eldesi, 2016 - 2017

YAŞA KAFKAS N. E., ÖZCAN H., TÜREMİŞ N. F., KAFKAS S., KARCI H., Project Supported by Higher Education Institutions, Bazı Badem Populasyonlarının Meyvelerinde Tokoferol izomerlerinin ve Toplam Fenol İçeriklerinin HPLC Tekniği ile Belirlenmesi, 2016 - 2017

KAFKAS S., ESER E., Project Supported by Higher Education Institutions, Chandler Ceviz Çeşidi DNA Dizilerini Kullanarak Polimorfik Mikrosatellit Markörlerin Geliştirilmesi, 2015 - 2017

KÜDEN A., KÜDEN A., KAFKAS S., YURTKULU V., İMRAK B., SARIER A., Project Supported by Higher Education Institutions, NEVŞEHİR VE NİĞDE YÖRESİNDE SOFRALIK VE KURUTMALIK KAYISI SELEKSİYONU VE SEÇİLEN GENOTİPLERİN MOLEKÜLER KARAKTERİZASYONU, 2015 - 2017

KAFKAS S., KHODAEIAMINJAN M., Project Supported by Higher Education Institutions, Antepfistiğında Yeni Nesil Sekanslama Teknolojisi Kullanılarak SSR Markörlerin Geliştirilmesi ve Referans Genetik Haritanın Oluşturulması, 2015 - 2017

KAFKAS S., ZIYA MOTALEBIPOUR E., Project Supported by Higher Education Institutions, Yeni Nesil Sekanslama Teknolojisi Kullanılarak Pistacia Türlerinde SSR Markörlerin Geliştirilmesi ve Türlerarası F1 Populasyonu Kullanılarak Genetik Haritalama, 2015 - 2017

KAFKAS S., TUBITAK Project, Dihaplodizasyon Yoluyla Kavun Saf Hatlarının Geliştirilmesi, 2014 - 2017

KAFKAS S., TUBITAK Project, Antepfistiğında Yeni Nesil Sekanslama: Genomun Taranması, Mikrosatellit (SSR) Markörlerin Geliştirilmesi ve İlk Referans Genetik Haritanın Oluşturulması, 2014 - 2017

KAFKAS S., Project Supported by Higher Education Institutions, Cevizde Yeni SSP Pirimerlerinin Geliştirilmesi, 2013 - 2017

KAFKAS S., TUBITAK Project, Bademde Kendine Verimli ve Geç Çiçeklenen Çeşit İslahı (II.Dilim), 2013 - 2017

KAFKAS S., Project Supported by Higher Education Institutions, Developing new microsatellite markers in walnut, 2016 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Antepfistiği genomu ve cinsiyetin belirlenmesinde biyoinformatik analizler, 2016 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Characterization of strawberry cultivars by SSR and CAPS markers, 2016 - 2016

KAFKAS S., KARCI H., Project Supported by Higher Education Institutions, Antepfistiğında PacBio Sekanslaması, 2016 - 2016

KAFKAS S., KARCI H., Project Supported by Higher Education Institutions, Yeni nesil Sekanslama ile Antepfistiğında Cinsiyet İlişkili miRNA Dizilerin Belirlenmesi, 2016 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Whole genome sequencing and high density genetic mapping in pistachio reveal a large nonrecombining region of sex chromosomes, 2015 - 2016

YAŞA KAFKAS N. E., ETİ S., KARABIYIK Ş., KAFKAS S., Project Supported by Higher Education Institutions, Antepfistiğında

periyodisitenin mekanizması, 2015 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Cevizde SNP markörleri ile Genetik Haritalama, 2015 - 2016

TÜREMIŞ N. F., KAFKAS S., Project Supported by Higher Education Institutions, Bademde Genetik Haritanın Oluşturulması, 2015 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Yayın desteği, 2015 - 2016

KAFKAS S., PAIZILA A., Project Supported by Higher Education Institutions, Bademde Gülcanc2 x Lauranne ve Guara x Nurlu F1 Populasyonları Kullanılarak SSR Markörleri ile Genetik Haritalaması, 2015 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Farklı DNA Markörlerini Kullanarak Amasya Elmasının Doymuş Genetik Haritasının Oluşturulması, 2013 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Cevizde (*Juglans regia L.*) DNA Markörleri ile Genetik Haritalama, 2012 - 2016

KAFKAS S., Project Supported by Higher Education Institutions, Antepfistiğında Yeni Nesil RNA Sekanslaması İle EST-SSR Bölgelerin Belirlenmesi Ve Primer Dizaynı, 2015 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Antepfistiğında RNA Sekanslaması İle Cinsiyet İlişkili Dizilerin Belirlenmesi, 2015 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Derin Dondurucu (-86) Bakım ve Onarımı, 2015 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Saf ve Ultra Saf Su Cihazı Bakım ve Onarımı, 2015 - 2015

KAFKAS S., SÜTYEMEZ M., GÜNEY M., Project Supported by Higher Education Institutions, *Juglans regia*'da Dinukleotit Tekrarları ile Zenginleştirilmiş Genomik Kütüphanelerden SSR Primerlerin Geliştirilmesi, 2014 - 2015

KAFKAS S., SÜTYEMEZ M., GÜNEY M., Project Supported by Higher Education Institutions, Cevizde Genetik Haritalama Çalışmalarında Kullanmak Üzere Polimorfik Mikrosatellit (SSR) Primerlerin Geliştirilmesi, 2014 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Antepfistiğında Yeni Mikrosatellit Primerlerin Geliştirilmesi, 2014 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (4Adet), 2014 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Antepfistiğında Kesilen Bölge İlişkili Yeni DNA Sekanslaması (RAD-Seq) ile SNP ve Cinsiyet Markörlerinin Geliştirilmesi ve Haritalanması, 2013 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Cevizde Chandler X Kaplan-86 F1 Populasyonunun SSP Markörleri ile Genetik Haritalaması, 2013 - 2015

KAFKAS S., Project Supported by Other Official Institutions, Antepfistiğında Kesilen Bölgelerle İlişkili Yeni Nesil DNA Sekanslaması (RAD-Seq) ile SNP ve Cinsiyet Markörlerin Geliştirilmesi ve Haritalanması, 2013 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Liyofilizatör cihazı kompresör değişimi ve bakımı, 2014 - 2014

KAFKAS S., TUBITAK Project, Paviot x Sakit-1 F1 Melez Bireylerinin S-Allel Uyuşmazlık Allelerinin ve Açılımlarının PCR ile Belirlenmesi, 2013 - 2014

YAŞA KAFKAS N. E., KAFKAS S., TUBITAK Project, Amasya elmasında Genetik Haritalama ve Bazı Meyve Kalite Bileşenleri ile ilgili Kantitatif özellik lokus analizler, 2011 - 2014

KAFKAS S., Project Supported by Higher Education Institutions, Genetiği Değiştirilmiş Ürünlerin Çoklu Real-Time PCR ile Belirlenmesi, 2012 - 2013

KAFKAS S., TAŞKIN H., YAŞA KAFKAS N. E., Project Supported by Other Official Institutions, Kastamonu Taşköprü sarımsağının virüsten arındırılması ve kitlesel üretimi, 2011 - 2012

KAFKAS S., YAŞA KAFKAS N. E., TUBITAK Project, İnvitro Koşullarda Farklı Explant Tipleri ile Çoğaltılan Çilek Genotiplerinin Farklı Alt Kültürlerinde İsmine Doğruluk Testlerinin Moleküller Yöntemlerle Belirlenmesi, 2011 - 2012

KAFKAS S., TUBITAK Project, Melezleme Yoluyla Kendine Verimli ve Geç Çiçeklenen Badem İslahi, 2009 - 2012

KAFKAS S., TUBITAK Project, Türkiye Ceviz Yetiştiriciliğinin Geliştirilmesi Entegre Projesi, 2008 - 2012

KAFKAS S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Çukurova Üniversitesinde Tarımsal Biyoteknoloji Altyapısının Geliştirilmesi, 2007 - 2010

KAFKAS S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Antepfistiğında (*Pistacia vera L.*) İlk Genetik Haritanın Oluşturulması ve Bazı Önemli Karakterler ile İlişkili Moleküller Markörlerin Geliştirilmesi, 2006 - 2007

KAFKAS S., TUBITAK Project, Bazı Yerli Kayısı Genotiplerinin Fenolojik, Morfolojik ve Pomolojik Özellikleri ile Genetik

İlişkilerinin ve Kendine Uyuşmazlık Durumlarının Moleküler Yöntemlerle Belirlenmesi, 2005 - 2007  
KAFKAS S., TUBITAK Project, Moleküler Markör Tekniklerini Kullanarak Türkiye'deki Ceviz (*Juglans regia L.*) Gen Kaynaklarının Karakterizasyonu ve Apomiksisin Belirlenmesi, 2005 - 2007  
KAFKAS S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Türkiye'deki Antepfıstığı (*P. vera L.*) Gen Kaynaklarının RAPD ve ISSR Moleküler Markör Tekniklerini Kullanarak Tanımlanması ve Çeşitler Arasındaki Genetik İlişkilerin Belirlenmesi, 2002 - 2004  
KAFKAS S., TUBITAK Project, Melezleme İslahı Yöntemi ile Tek Evcikli Antepfıstığı (*P. vera L.*) Populasyonlarının Oluşturulması ve Cinsiyet Mekanizmasının Ortaya Çıkarılması, 2001 - 2004

## Activities in Scientific Journals

SCIOL Genetic Science, Committee Member, 2018 - Continues  
Journal of Applied Horticulture, Committee Member, 2016 - Continues  
Turkish Journal of Agriculture and Forestry, Editor, 2015 - Continues

## Memberships / Tasks in Scientific Organizations

Pistachio and Almond Symposium, Member, 2017 - Continues  
International Society for Horticultural Science, Member, 2001 - Continues  
The American Society for Horticultural Science, Member, 2001 - 2010

## Scientific Refereeing

Applied Biological Research, SCI Journal, October 2017  
Journal of Pharmacy and Pharmacology, SCI Journal, October 2017  
Turkish Journal of Agriculture and Forestry, SCI Journal, September 2017  
Journal of Agricultural Science and Technology, SCI Journal, September 2017  
Fruits Journal, SCI Journal, September 2017  
Critical Reviews in Food Science and Nutrition, SCI Journal, September 2017  
International Journal of Food Properties, SCI Journal, August 2017  
Journal of Agricultural Science and Technology, SCI Journal, August 2017  
Plant Physiology & Pathology, SCI Journal, July 2017  
Turkish Journal of Agriculture and Forestry, SCI Journal, June 2017  
The Journal of Horticultural Science & Biotechnology, SCI Journal, May 2017  
Current Bioinformatics, SCI Journal, May 2017  
Environmental Forensics , SCI Journal, April 2017  
the Journal of the American Society for Horticultural Science, SCI Journal, April 2017  
Industrial Crops and Products, SCI Journal, April 2017  
Journal of Forestry Research, SCI Journal, April 2017  
the Journal of the American Society for Horticultural Science, SCI Journal, February 2017  
Fruits Journal, SCI Journal, February 2017  
HortScience, SCI Journal, February 2017  
HortScience, SCI Journal, January 2017  
Pharmaceutical Biology, SCI Journal, December 2016  
Biomedicine & Pharmacotherapy, SCI Journal, November 2016  
HortScience, SCI Journal, October 2016  
International Journal of Fruit Science, SCI Journal, September 2016  
Mediterranean Journal of Chemistry, SCI Journal, July 2016

HorScience, SCI Journal, March 2016  
Biochemical Genetics, SCI Journal, March 2016  
HorScience, SCI Journal, March 2016  
Natural Products Communications, SCI Journal, February 2016  
HortScience, SCI Journal, January 2016  
Springerplus, SCI Journal, January 2016  
Biochemical Genetics, SCI Journal, January 2016  
Biochemical Genetics, SCI Journal, December 2015  
BMC Plant Biology, SCI Journal, December 2015  
Biochemical Genetics, SCI Journal, December 2015  
International Journal of Agriculture Sciences, SCI Journal, November 2015  
Food Chemistry, SCI Journal, September 2015  
Spanish Journal of Agricultural Research, SCI Journal, August 2015  
the Journal of Agricultural Science and Technology, SCI Journal, July 2015  
AFRICAN JOURNAL OF BIOTECHNOLOGY, SCI Journal, July 2015  
Journal of Agricultural Science and Technology, SCI Journal, May 2015  
Journal of Biological Research, SCI Journal, March 2015  
Journal of Forestry Research, SCI Journal, February 2015  
Advances in Agriculture, SCI Journal, August 2014  
HortScience, SCI Journal, April 2014  
HortScience, SCI Journal, January 2014  
Dataset Papers in Science, SCI Journal, January 2014  
HortScience, SCI Journal, December 2013  
HortScience, SCI Journal, November 2013  
Biochemical Systematics and Ecology, SCI Journal, October 2013  
HortScience, SCI Journal, October 2013  
Molecular Biology Reports , SCI Journal, October 2013  
Canadian Journal of Forest Research, SCI Journal, September 2013  
the Journal of Agricultural Science and Technology, SCI Journal, August 2013  
Plant Systematics and Evolution, SCI Journal, August 2013  
TREES, SCI Journal, July 2013  
African Journal of Biotechnology, SCI Journal, July 2013  
ACADEMIA JOURNAL OF AGRICULTURAL RESEARCH, SCI Journal, March 2013  
HortScience, SCI Journal, February 2013  
HortScience, SCI Journal, July 2012

## Metrics

Publication: 301  
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H-Index (Scopus): 21

## Congress and Symposium Activities

1. Mersin sempozumu, Attendee, Mersin, Turkey, 2018
- Walnut symposium, Attendee, Santiago, Chile, 2017
- VII. Pistachio and Almond Symposium, Attendee, Adelaide, Australia, 2017

Plant and Animal Meeting, Attendee, California, United States Of America, 2017  
5. Ulusal Üzümsü Meyveler Sempozyumu, Attendee, Adana, Turkey, 2016  
Strawberry Symposium, Attendee, Québec, Canada, 2016  
VI. Pistachio and Almond Symposium, Attendee, Murcia, Spain, 2013  
V. Pistachio and Almond Symposium, Attendee, Şanlıurfa, Turkey, 2009  
Plant and Animal Meeting, Attendee, California, United States Of America, 2006  
Pistachio and Almond GREMPA Meeting, Attendee, Porto, Portugal, 2003  
Pistachio and ASlmond GREMPA Meeting, Attendee, Şanlıurfa, Turkey, 1999  
Pistachio and Almond Symposium, Attendee, California, United States Of America, 1997  
Bahçe Bitkileri Kongresi, Attendee, Adana, Turkey, 1995  
I. Pistachio Symposium, Attendee, Adana, Turkey, 1994

## Scholarships

Doktora, YOK, 1997 - Continues

## Awards

KAFKAS S., En iyi Tarım Projesi Ödülü, TÜBİTAK, June 2004  
KAFKAS S., Bölüm Birincisi, Çukurova Üniversitesi, July 1992  
KAFKAS S., Fakülte İkincisi, Çukurova Üniversitesi, July 1992