

## 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 Islahında Kullanımı? konulu kurs, Çukurova Üniversitesi, 2006

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

Other, Hibrit Çeşit Islahında 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 Atalantik Sakısı (P.atlantica, Desf.) ve Buttum (P.khinjuk, Stocks) Tiplerinin Antepfıstığında Çöğür 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 Moleküler İslah Yöntemleri, Undergraduate, 2016 - 2017  
Moleküler Genetik Uygulamaları, Postgraduate, 2016 - 2017  
Tohum ve Gıdalarda 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

- 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. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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., ERCİŞLİ S., Alatawi A.  
PLANTS-BASEL, vol.11, no.4, 2022 (SCI-Expanded)
- VIII. **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)
- IX. **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., Ercişli S., Ge C., Mlcek J., Adamkova A.  
MOLECULES, vol.27, no.3, 2022 (SCI-Expanded)
- X. **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)
- XI. **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-Cabetas M. J., et al.  
PLANTS-BASEL, vol.10, no.11, 2021 (SCI-Expanded)
- XII. **Profile of Semiquinone Radicals, Phytohormones and Sugars in *Pistacia vera* L. cv. Kirmizi Development**  
Morkunas I., Dogu M. Z., Wozniak A., Bednarski W., Keszy J., Bocianowski J., Atar Ş. H., Uruen I. D., Labudda M., Zydlik Z., et al.  
AGRONOMY-BASEL, vol.11, no.11, 2021 (SCI-Expanded)
- XIII. **Characterization of Some Fruit Quality Traits on Apple 'Kasel-41' x 'Williams Pride' F1 Population**  
Urek U., Kafkas S., Zarifikhosroshahi M., Ozogun S., Atay A. N., Aras S., Yaşa Kafkas N. E.  
ERWERBS-OBSTBAU, vol.63, no.3, pp.293-302, 2021 (SCI-Expanded)
- XIV. **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)
- XV. **Genetic Diversity among Some Walnut (*Juglans regia* L.) Genotypes by SSR Markers**  
GÜNEY M., KAFKAS S., KELES H., Zarifikhosroshahi M., Gundesli M. A., ERCİŞLİ S., Necas T., Bujdosó G.  
SUSTAINABILITY, vol.13, no.12, 2021 (SCI-Expanded)

- XVI. **Genetic Diversity and Relationships of Terebinth (*Pistacia terebinthus* L.) Genotypes Growing Wild in Turkey**  
GÜNEY M., KAFKAS S., Zarifikhosroshahi M., Gundesli M. A., ERCİŞLİ S., Holubec V.  
AGRONOMY-BASEL, vol.11, no.4, 2021 (SCI-Expanded)
- XVII. **Determination of a 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)
- XVIII. **Determination of fatty acid, tocopherol content and total phenol of nine selected Chinese walnut genotypes**  
BİLGİN Ö. F., ATTAR Ş. H., PAİZİLA 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)
- XIX. **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)
- XX. **Transcriptome Sequencing and Development of Novel Genic SSR Markers From *Pistacia vera* L.**  
Karcı H., Paizila A., Topcu H., Ilikcioglu E., Kafkas S.  
FRONTIERS IN GENETICS, vol.11, 2020 (SCI-Expanded)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **Advances in breeding of pistachio**  
KAFKAS S.  
ACHIEVING SUSTAINABLE CULTIVATION OF TREE NUTS, vol.56, pp.389-430, 2019 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Highly polymorphic novel simple sequence repeat markers from Class I repeats in walnut (*Juglans regia* L.)**  
Eser E., Topcu H., Kefayati S., Sutyemez M., Islam M. R., KAFKAS S.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.43, no.2, pp.174-209, 2019 (SCI-Expanded)
- XXX. **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)

- XXXI. **Characterization of hawthorn (*Crataegus* spp.) genotypes by SSR markers**  
GUNEY M., KAFKAS S., KELES H., ARAS S., ERCİŞLİ S.  
Physiology and Molecular Biology of Plants, vol.24, no.6, pp.1221-1230, 2018 (SCI-Expanded)
- XXXII. **Detection of bud abscission of pistachio via histological analysis**  
KARABIYIK Ş., GÜNDEŞLİ M., ETİ S., KAFKAS S., GÜNEY M., ZARIFIKHOSROSHAHI M., KAFKAS N. E.  
Acta Horticulturae, vol.1219, pp.193-198, 2018 (SCI-Expanded)
- XXXIII. **The possible role of macroelement content on bud abscission in pistachio (*Pistacia vera* L.)**  
GÜNDEŞLİ M., KAFKAS S., GÜNEY M., ZARIFIKHOSROSHAHI M., TOPÇU H., COBAN N., KARCI H., ASLAN N., KAFKAS N.  
Acta Horticulturae, vol.1219, pp.99-104, 2018 (SCI-Expanded)
- XXXIV. **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)
- 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. **QTL mapping for flower characters using 'Guara' × 'Nurlu' F1 population in almond**  
Paizıla A., Kafkas S., Ercik K., Kafkas N., Motalebipour E., Acar I., Türemiş N. F.  
Acta Horticulturae, vol.1219, pp.51-55, 2018 (SCI-Expanded)
- XXXVII. **In silico polymorphic novel SSR marker development and the first SSR-based genetic linkage map in pistachio**  
KHODAEIAMINJAN M., KAFKAS S., MOTALEBİPOUR E. Z., COBAN N.  
TREE GENETICS & GENOMES, vol.14, no.4, 2018 (SCI-Expanded)
- XXXVIII. **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)
- XXXIX. **Evaluation of Some Phenological and Biochemical Characteristics of Selected New Late Flowering Dried Apricot Cultivars**  
İMRAK B., KÜDEN A., YURTKULU V., KAFKAS E., ERCİŞLİ S., KAFKAS S.  
BIOCHEMICAL GENETICS, vol.55, no.3, pp.234-243, 2017 (SCI-Expanded)
- XL. **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)
- XLI. **Aroma profiles of organically grown 'Benicia' and 'Albion' strawberries**  
Kafkas E., TÜREMİŞ N. F., BILGİLİ B., ZARIFIKHOSROSHAHI M., BURGUT A., KAFKAS S.  
Acta Horticulturae, vol.1156, pp.703-708, 2017 (SCI-Expanded)
- XLII. **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)
- XLIII. **Characterization of strawberry cultivars by SSR and CAPS markers**  
GÜNAYDIN S., KAFKAS S.  
Acta Horticulturae, vol.1156, pp.171-177, 2017 (SCI-Expanded)
- XLIV. **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)

- XLV. 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)
- XLVI. 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)
- XLVII. 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., MOTALEBPOUR E. Z., KAFKAS S.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.31, no.3, pp.535-543, 2017 (SCI-Expanded)
- XLVIII. 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)
- XLIX. 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)
- L. 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 HORTICULTURAE, vol.213, pp.1-4, 2016 (SCI-Expanded)
- LI. Genome survey of pistachio (Pistacia vera L.) by next generation sequencing: Development of novel SSR markers and genetic diversity in Pistacia species**  
MOTALEBPOUR E. Z., KAFKAS S., KHODAEIAMINJAN M., COBAN N., GOZEL H.  
BMC GENOMICS, vol.17, 2016 (SCI-Expanded)
- LII. 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)
- LIII. Volatile Compounds of New Promising Dried Apricot (Prunus armeniaca L.) Genotypes**  
İMRAK B., KÜDEN A., Yurtkulu V., KAFKAS S., Zarifikhosroshahi M., ERCİŞLİ S., Kafkas E.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.44, no.2, pp.568-572, 2016 (SCI-Expanded)
- LIV. Novel microsatellite markers in Pistacia vera L. and their transferability across the genus Pistacia**  
Topcu H., Coban N., KAFKAS S.  
SCIENTIA HORTICULTURAE, vol.198, pp.91-97, 2016 (SCI-Expanded)
- LV. In vitro PROPOGATION OF Physalis peruviana (L.) USING APICAL SHOOT EXPLANTS**  
GUNEY M., KAFKAS S., KEFAYATI S., MOTALEBPOUR E. Z., TURKELI Y., ERCİŞLİ S., KAFKAS E.  
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.15, no.5, pp.109-118, 2016 (SCI-Expanded)
- LVI. Development of 185 polymorphic simple sequence repeat (SSR) markers from walnut (Juglans regia L.)**  
TOPCU H., IKHSAN A. S., Sutyemez M., COBAN N., GUNEY M., KAFKAS S.  
SCIENTIA HORTICULTURAE, vol.194, pp.160-167, 2015 (SCI-Expanded)
- LVII. Development and characterization of SSR markers from pistachio (Pistacia vera L.) and their transferability to eight Pistacia species**  
ZALOGLU S., KAFKAS S., Doğan Y., GUNEY M.  
SCIENTIA HORTICULTURAE, vol.189, pp.94-103, 2015 (SCI-Expanded)
- LVIII. Identification of sex-linked SNP markers using RAD sequencing suggests ZW/ZZ sex determination in Pistacia vera L.**  
KAFKAS S., KHODAEIAMINJAN M., Gueney M., KAFKAS E.  
BMC GENOMICS, vol.16, 2015 (SCI-Expanded)
- LIX. Construction of dense genetic linkage maps of apple cultivars Kasel-41 and Williams' Pride by simple sequence repeat markers**

- MOTALEBPOUR E. Z., KAFKAS S., OZONGUN S., ATAY A. N.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.39, no.6, pp.967-975, 2015 (SCI-Expanded)
- LX. **Genetic relatedness among quince (*Cydonia oblonga* Miller) accessions from Turkey using amplified fragment length polymorphisms**  
TOPCU H., KAFKAS S., DOGAN A., AKCAY M. E., ERCİŞLİ S.  
JOURNAL OF APPLIED BOTANY AND FOOD QUALITY, vol.88, pp.197-201, 2015 (SCI-Expanded)
- LXI. **Pistillate flower development and pollen tube growth mode during the delayed fertilization stage in *Corylus heterophylla* Fisch**  
LIU J., ZHANG H., CHENG Y., KAFKAS S., GUNAY M.  
PLANT REPRODUCTION, vol.27, no.3, pp.145-152, 2014 (SCI-Expanded)
- LXII. **Assessment and characterization of genetic relationships of walnut (*Juglans regia* L.) genotypes by three types of molecular markers**  
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karataş s., topçu h., KAFKAS S.

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KAFKAS N. E., kefayati S., KAFKAS S.

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Paizila A., KAFKAS S., Motalebipour E. Z., AÇAR İ., TÜREMİŞ N. F.

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Khodajman M., KAFKAS S., motelabipour e. z., Çoban N., Gözel H.

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KAFKAS N. E., Kefayati S., KAFKAS S.

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Motalebipour E., KAFKAS S., Khodjman M., Gozel H., Çoban N.

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**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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KAFKAS S., SÜTYEMEZ M., BÜKÜCÜ Ş. B., GÜNEY M., TOPÇU H., ESER E., DOĞAN Y., KAFKAS N. E.

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- XCII. **FRUIT QUALTY CHARACTERISTICS OF ORGANICALLY GROWN STRAWBERRY VARIETIES**  
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- XCIV. **Whole Genome Sequencing and High Density Genetic Mapping in Pistachio Reveal a Large Non Recombining Region of Sex Chromosomes**  
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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, ANTEPFISTIĞINDAN GELİŞTİRİLEN EST-SSR MARKÖRLER İLE Pistacia TÜRLERİNİN FİLOGENETİK ANALİZİ, 2016 - 2017



ÖZKAN H., KAFKAS S., Project Supported by Higher Education Institutions, Yeni Nesil Illumina Sekanslaması İle Antepfıstığının 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, Antepfıstığında Yeni Nesil Sekanslama Teknolojisi Kullanılarak SSR Markörlerin Geliştirilmesi ve Referans Genetik Haritanın Oluşturulması, 2015 - 2017

KAFKAS S., ZIYA MOTALEBİPOUR 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, Antepfıstığında 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 Islahı (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, Antepfıstığı 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, Antepfıstığında PacBio Sekanslaması, 2016 - 2016

KAFKAS S., KARCI H., Project Supported by Higher Education Institutions, Yeni nesil Sekanslama ile Antepfıstığında 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, Antepfıstığında periyodisitenin mekanizması, 2015 - 2016

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

TÜREMİŞ 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 Gülcan2 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, Antepfıstığında Yeni Nesil RNA Sekanslaması İle EST-SSR Bölgelerin Belirlenmesi Ve Primer Dizaynı, 2015 - 2015

KAFKAS S., Project Supported by Higher Education Institutions, Antepfıstığında 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, Antepfıstığında 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, Antepfıstığında 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, Antepfıstığında Kesilen Bölgelerle İlişkili Yeni Nesil DNA Sekanslaması (RAD-Seq) İle 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 Sakıt-1 F1 Melez Bireylerinin S-Allel Uyuşmazlık Allellerinin 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 İle Çoğaltılan Çilek Genotiplerinin Farklı Alt Kültürlerinde İsmine Doğruluk Testlerinin Moleküler Yöntemlerle Belirlenmesi, 2011 - 2012

KAFKAS S., TUBITAK Project, Melezleme Yoluyla Kendine Verimli ve Geç Çiçeklenen Badem Islahı, 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, Antepfıstığında (Pistacia vera L.) İlk Genetik Haritanın Oluşturulması ve Bazı Önemli Karakterler İle İlişkili Moleküler Markörlerin Geliştirilmesi, 2006 - 2007

KAFKAS S., TUBITAK Project, Bazı Yerli Kayısı Genotiplerinin Fenolojik, Morfolojik ve Pomolojik Özellikleri İle 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 Islahı 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  
Citation (WoS): 1195  
Citation (Scopus): 1374  
H-Index (WoS): 19  
H-Index (Scopus): 21

## **Congress and Symposium Activities**

1. Mersin sempozyumu, 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 Almond 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