

Prof. DURMUŞ ALPASLAN KAYA

Personal Information

Mobile Phone: [+90 505 899 3611](tel:+905058993611)

Email: dkaya@mku.edu.tr

Web: <https://avesis.mku.edu.tr/dkaya>

International Researcher IDs

ScholarID: UOT1AqYAAAAJ

ORCID: 0000-0003-3544-9214

Publons / Web Of Science ResearcherID: T-4746-2019

ScopusID: 7004487734

Yoksis Researcher ID: 153815

Education Information

Doctorate, Çukurova University, Fen Bilimleri Enstitüsü, Turkey 2001 - 2006

Postgraduate, Hatay Mustafa Kemal University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Yıl) (Tezli), Turkey 1997 - 2000

Undergraduate, Hatay Mustafa Kemal University, Ziraat Fakültesi, Tarla Bitkileri, Turkey 1993 - 1997

Foreign Languages

English

Dissertations

Doctorate, Çukurova bölgesinde farklı sıra arası ve hasat zamanlarında kedi otu (*Valeriana officinalis L.*) bitkisinin verim ve uçucu yağ kalitesinin araştırılması, Çukurova University, Fen Bilimleri Enstitüsü, 2006

Postgraduate, HATAY YÖRESİNDE YETİŞTİRİLEN TÜTÜNLERİN (*Nicotiana tabacum L.*) BAZI MORFOLOJİK VE FENOLOJİK ÖZELLİKLERİNİN BELİRLENMESİ, Hatay Mustafa Kemal University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Yıl) (Tezli), 2000

Research Areas

Infield Plants

Academic Titles / Tasks

Professor, Hatay Mustafa Kemal University, Ziraat Fakültesi, Tarla Bitkileri, 2019 - Continues

Associate Professor, Hatay Mustafa Kemal University, Ziraat Fakültesi, Tarla Bitkileri, 2014 - 2019

Assistant Professor, Hatay Mustafa Kemal University, Ziraat Fakültesi, Tarla Bitkileri, 2008 - 2011

Research Assistant, Hatay Mustafa Kemal University, Ziraat Fakültesi, Tarla Bitkileri, 2006 - 2008

Research Assistant, Çukurova University, Ziraat Fakültesi, 2001 - 2006

Research Assistant, Hatay Mustafa Kemal University, Ziraat Fakültesi, Tarla Bitkileri, 1997 - 2000

Academic and Administrative Experience

Hatay Mustafa Kemal University, 2022 - Continues
2014 - Continues
2011 - Continues

Advising Theses

- KAYA D. A., Hatay yöresinde seçilmiş murt (*Myrtus communis L.*) genotiplerinde uçucu yağ oran ve bileşenlerinde ontogenetik varyabilitenin belirlenmesi, Postgraduate, B.ÇETİN(Student), 2022
- KAYA D. A., Hatay ekolojik koşullarında çörek otu (*Nigella sativa L.*) bitkisinin farklı ekim zamanlarında verim ve verim unsurlarının belirlenmesi, Postgraduate, Y.EREN(Student), 2020
- KAYA D. A., Uçucu yağların egzamaya sebep olan bazı patojenler üzerine etkisi, Postgraduate, M.KARAÇAM(Student), 2019
- KAYA D. A., Uçucu yağ mikroemülsiyonlarının beyaz kükürt hastalığı etmeni *sclerotinia sclerotiorum*'a karşı in vitro ve in vivo antifungal etkinliklerinin belirlenmesi, Doctorate, M.TÜRKMEN(Student), 2019
- KAYA D. A., Hatay ili Mersin (*Myrtus communis L.*) ekotiplerinin yaprak verimi ve kalitesi üzerine dikim sıklığı ve hasat zamanlarının etkisi, Doctorate, Ş.ÖZTÜRK(Student), 2018
- KAYA D. A., Farklı yöntemlerle elde edilen uçucu yağ karışımlarının antifungal etkinliklerinin belirlenmesi, Postgraduate, M.TÜRKMEN(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development and Investigation of an Innovative 3D Biohybrid Based on Collagen and Silk Sericin Enriched with Flavonoids for Potential Wound Healing Applications**
Sleiman L., Lazăr A., Albu-Kaya M., Marin M. M., KAYA D. A., Vasile O., Dinescu S.
Polymers, vol.16, no.12, 2024 (SCI-Expanded)
- II. **First Molecular Data of *Gongylonema pulchrum* (Rhabditida: Gongylonematidae) in European Fallow Deer *Dama dama* from Romania**
Popovici D., Marin A., Ionescu O., Moraru M. M. F., KAYA D. A., Imre M., Mederle N.
Pathogens, vol.13, no.2, 2024 (SCI-Expanded)
- III. **Design and evaluation of new wound dressings based on collagen-cellulose derivatives**
Tudoroiu E., Albu Kaya M. G., Titorencu I., Dinu-Pîrvu C. E., Marin M. M., Roșca A., Popa L., Anuța V., Antoniac A., Chelaru C., et al.
Materials and Design, vol.236, 2023 (SCI-Expanded)
- IV. **Novel Nanocomposite Hydrogels Based on Crosslinked Microbial Polysaccharide as Potential Bioactive Wound Dressings**
Marin M. M., Albu Kaya M., KAYA D. A., Constantinescu R., Trica B., Gifu I. C., Alexandrescu E., Nistor C. L., Alexa R. L., Ianchis R.
Materials, vol.16, no.3, 2023 (SCI-Expanded)
- V. **APPLICATION OF NEAR INFRARED SPECTROSCOPY COMBINED WITH MULTIVARIATE ANALYSIS FOR SCREENING FOLIAR MAIN ESSENTIAL OIL COMPONENTS IN BAY LAUREL**
ÇELİKTAŞ N., KAYA D. A., TÜRKMEN M.
Engenharia Agricola, vol.42, no.2, 2022 (SCI-Expanded)
- VI. **Biodegradable antimicrobial food packaging: Trends and perspectives**
Motelica L., Ficai D., Ficai A., Oprea O. C., KAYA D. A., Andronescu E.
Foods, vol.9, no.10, 2020 (SCI-Expanded)
- VII. **Hepatoprotective Activity of Linalool in Rats Against Liver Injury Induced by Carbon Tetrachloride**
Altınlık-Yipel F., Tekeli I. O., Özsoy O. Y., GÜVENÇ M., KAYA D. A., YİPEL M.

- International Journal for Vitamin and Nutrition Research, vol.90, no.3-4, pp.302-308, 2020 (SCI-Expanded)
- VIII. **Selection of optimal operating conditions for extraction of *Myrtus communis* L. Essential oil by the steam distillation method**
KAYA D. A., Ghica M. V., Dănilă E., Öztürk Ş., TÜRKmen M., Kaya M. G. A., Dinu-Pîrvu C.
Molecules, vol.25, no.10, 2020 (SCI-Expanded)
- IX. **Spongious fillers based on collagen-hydroxyapatite-eugenol acetate with therapeutic potential in bone cancer**
Vladu A. F., Marin S., Neacşu I. A., Trușcă R. D., Albu Kaya M. G., KAYA D. A., Popa A., Poiană C., Cristescu I., Orlov C., et al.
Farmacia, vol.68, no.2, pp.313-321, 2020 (SCI-Expanded)
- X. **Chemical composition, antimicrobial and antibiofilm efficacy of *C. limon* and *L. angustifolia* EOs and of their mixtures against *Staphylococcus epidermidis* clinical strains**
Dănilă E., Moldovan Z., Popa M., Chifiriuc M. C., KAYA D. A., Kaya M. A.
Industrial Crops and Products, vol.122, pp.483-492, 2018 (SCI-Expanded)
- XI. **Comparative study of *lavandula angustifolia* essential oils obtained by microwave and classical hydrodistillation**
Danila E., KAYA D. A., Patrascu M., Kaya M. A., Kumbakisaka S.
Revista de Chimie, vol.69, no.8, pp.2240-2244, 2018 (SCI-Expanded)
- XII. **Manufacturing nanostructured chitosan-based 2D sheets with prolonged antimicrobial activity**
Ficai D., Ardelean I. L., Holban A. M., Dițu L. M., Gudovan D., Sönmez M., Trușcă R., KAYA D. A., Ficai A., Andronescu E.
Romanian Journal of Morphology and Embryology, vol.59, no.2, pp.517-525, 2018 (SCI-Expanded)
- XIII. **Anti-inflammatory drug-loaded biopolymeric spongious matrices with therapeutic perspectives in burns treatment**
Udeanu D. I., Albu Kaya M. G., Ghica M. V., Marin Ş., Marin M. M., KAYA D. A., Popa L., Dinu-Pîrvu C.
Farmacia, vol.66, no.5, pp.783-790, 2018 (SCI-Expanded)
- XIV. **Effect of different essential oils on human dentine structure**
Zgârian R. G., Iacob F., KAYA D. A., Rău I., Voicu G., Tihan G. T.
Farmacia, vol.65, no.2, pp.247-251, 2017 (SCI-Expanded)
- XV. **The effect of Mediterranean thyme (*Thymbra spicata* L. var. *spicata*) essential oil on fattening performance and ruminal parameters in lamb**
BAYTOK E., KARA K., Aksu T., Güçlü B., ÖZKAYA S., Denek N., Kamalak A., KAYA D. A., ÖNEL S. E., AKÇAY A.
Journal of Animal and Feed Sciences, vol.26, no.4, pp.319-325, 2017 (SCI-Expanded)
- XVI. **Syzygium aromaticum essential oils obtained by different methods to be used in dentistry**
Podariu A. C., KAYA D. A., Potoroaca A. S., Popovici R. A., Rusu L. C.
Revista de Chimie, vol.67, no.12, pp.2592-2595, 2016 (SCI-Expanded)
- XVII. **The effect of *lavandula* essential oils on release of niflumic acid from collagen hydrolysates**
Ghica M. V., Albu M. G., KAYA D. A., Popa L., Öztürk Ş., Rusu L., Dinu-Pîrvu C., Chelaru C., Albu L., Meghea A., et al.
Korean Journal of Chemical Engineering, vol.33, no.4, pp.1325-1330, 2016 (SCI-Expanded)
- XVIII. **Eucalyptus-collagen composite gels for dentistry applications**
Rusu L., KAYA D. A., Ghica M., Albu M., Popa L., Butu A., Dinu-Pirvu C.
Digest Journal of Nanomaterials and Biostructures, vol.9, no.1, pp.317-323, 2014 (SCI-Expanded)
- XIX. **The effect of dye plant amounts on color and color fastness of wool yarns**
Inan M., KAYA D. A., KIRICI S.
Industria Textila, vol.65, no.1, pp.29-32, 2014 (SCI-Expanded)
- XX. **The change of *cyclotrichium niveum* (Boiss) Manden & Scheng essential oils and their components at the different growth stages**
Inan M., KAYA D. A., Vuluga Z., Albu M. G.
Revista de Chimie, vol.65, no.3, pp.262-264, 2014 (SCI-Expanded)
- XXI. **Effect of thyme oil (*Thymbra spicata* l. var. *Spicata*) on meat quality in Japanese quails Einfluss von Thymianöl (*Thymbra spicata* l. var. *Spicata*) auf die Fleischqualität von Japanischen Wachteln**

- Aksu T., AKSU M. İ., ÖNEL S. E., YAKAN A., KAYA D. A., Baylan M.
European Poultry Science, vol.78, 2014 (SCI-Expanded)
- XXII. **Evaluation of the in vitro bioactivities of mahaleb cherry (*Prunus mahaleb* L.)**
ÖZÇELİK B., Koca U., KAYA D. A., Şekeroğlu N.
Romanian Biotechnological Letters, vol.17, no.6, pp.7863-7872, 2012 (SCI-Expanded)
- XXIII. **The effect of laurel and thymbra essential oils on antioxidant and antimicrobial properties of collagen hydrolysate**
KAYA D. A., Ferdes M., Badea N., Albu M. G.
Romanian Biotechnological Letters, vol.17, no.5, pp.7694-7701, 2012 (SCI-Expanded)
- XXIV. **Collagen wound dressings with anti-inflammatory activity**
Albu M., Ferdes M., KAYA D. A., Ghica M., Titorenco I., Popa L., Albu L.
Molecular Crystals and Liquid Crystals, vol.555, pp.271-279, 2012 (SCI-Expanded)
- XXV. **Diurnal, ontogenetic and morphogenetic variability of *lavandula stoechas* L. ssp. *stoechas* in East Mediterranean Region**
KAYA D. A., Inan M., Giray E. S., KIRICI S.
Revista de Chimie, vol.63, no.8, pp.749-753, 2012 (SCI-Expanded)
- XXVI. **Chemical composition and antifungal activity of the essential oil of *Artemisia annua* L. against foliar and soil-borne fungal pathogens**
SOYLU E. M., Yiğitbaş H., TOK F. M., SOYLU S., KURT S., Baysal Ö., KAYA D. A.
Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz, vol.112, no.3, pp.229-239, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of different rootstocks on the essential oil composition in the peel and leaf of rio red grapefruit**
Türkmen M., Uysal Kamiloglu M., Kaya D. A., Toplu C.
International Journal of Chemistry and Technology, vol.8, no.2, pp.213-217, 2024 (Peer-Reviewed Journal)
- II. **Formulation and Characterization of Niacinamide and Collagen Emulsion and Its Investigation as a Potential Cosmeceutical Product**
Dănilă E., KAYA D. A., Anuța V., Popa L., Coman A. E., Chelaru C., Constantinescu R. R., Dinu-Pîrvu C., Albu Kaya M. G., Ghica M. V.
Cosmetics, vol.11, no.2, 2024 (ESCI)
- III. **The effect of different drying temperatures on the essential oil content and chemical composition of *Lavandula angustifolia* Mill.**
TÜRKmen M., EREN Y., MARAL H., KAYA D. A.
BIOLOGICAL DIVERSITY AND CONSERVATION, vol.17, no.2, pp.121-126, 2024 (Peer-Reviewed Journal)
- IV. **Polymer – flufenamic acid delivery systems for injured skin**
Marin M. M., GHICA M. V., Kaya D. A., Udeanu D. I., KAYA M. A., Dinu-Pîrvu C., POPA L., Anuta V., Prisada R.
International Journal of Chemistry and Technology (IJCT), vol.6, no.2, pp.114-121, 2022 (Peer-Reviewed Journal)
- V. **Antifungal effect of some essential oil combinations**
TÜRKmen M., Kaya D. A.
International Journal of Chemistry and Technology (IJCT), vol.5, no.1, pp.6-10, 2021 (Peer-Reviewed Journal)
- VI. **Induction of Tumor-Selective Cytotoxicity by *Myrtus communis* L. Extract and its Bioactive Metabolite 1, 8-cineole.**
Kaşıkçı Y., PAZARBAŞI A., Karaçay S., KAYA D. A., GÜLBOL DURAN G., Kumar A., YILMAZ M. B., Gronemeyer H.
Medicinal & Aromatic Plants, vol.10, no.1, pp.1-6, 2021 (Peer-Reviewed Journal)
- VII. **Getting Essential Oil Mixtures by Different Methods and Determination of Their Compositions**
TÜRKmen M., KAYA D. A.
Akademik Ziraat Dergisi, vol.10, no.1, pp.59-64, 2021 (Peer-Reviewed Journal)
- VIII. **Determination and antifungal activities of laurel and fennel essential oils against fungal disease**

- agents of cypress seedlings**
KARA M., SOYLU S., TÜRKMEN M., KAYA D. A.
Journal of Tekirdag Agricultural Faculty, vol.17, no.2, pp.264-275, 2020 (ESCI)
- IX. Determination and antifungal activities of laurel and fennel essential oils against fungal disease agents of cypress seedlings Servi fidanlarında sorun olan fungal hastalık etmenlerine karşı defne ve rezene uçucu yağılarının antifungal etkinliklerinin belirlenmesi**
KARA M., SOYLU S., TÜRKMEN M., KAYA D. A.
Journal of Tekirdag Agricultural Faculty, vol.17, no.2, pp.264-275, 2020 (ESCI)
- X. OBTAINING AND CHARACTERIZATION OF SOME EMULSIONS BASED ON COLLAGEN HYDROLYSATE AND NATURAL EXTRACTS WITH A POTENTIAL ANTICELLULITIC ACTION**
DANILA E., STAN R., ENACHE A. E., TÜRKMEN M., KAYA D. A., ALBU KAYA M., SERAFIM A.
UPB SCIENTIFIC BULLETIN, SERIES B: CHEMISTRY AND MATERIALS SCIENCE, vol.81, no.4, pp.73-84, 2019
(Scopus)
- XI. PROMISING BAY LAUREL (*Laurus nobilis L.*) GENOTYPES FROM NATIVE FLORA FOR FRUIT PRODUCTION**
AYANOĞLU F., KAYA D. A., MERT A., KOÇER O., TÜRKMEN M., BAHADIRLI N. P.
Journal of Agricultural, Food and Environmental Sciences, vol.73, no.1, pp.17-25, 2019 (Peer-Reviewed Journal)
- XII. Promising bay laurel (*Laurus nobilis L.*) genotypes for fruit production**
AYANOĞLU F., KAYA D. A., KOÇER O.
International Journal of Chemistry and Technology (IJCT), vol.2, no.2, pp.161-167, 2018 (Peer-Reviewed Journal)
- XIII. aa**
DURAN N., DURMAZ S., KAYA D. A.
aa, 2018 (Peer-Reviewed Journal)
- XIV. Effects of nigella sativa l.'s essential oils on multi drug resistant escherichia coli isolates**
DURAN N., Ay E., Bayraktar S., Çolak S., KAYA D. A.
Acta Microbiologica Bulgarica, vol.34, no.1, pp.32-36, 2018 (Scopus)
- XV. Therapeutic Efficacy Testing of Demosimcan Gel and Canider Ointment Used in Dry Canine Demodicosis Lesions. Premilinary Study**
MEDERLE N., KAYA D. A., ALBU KAYA M., PATRACU M., CHIS C., GARTNER A., FRASIA D., BUZATU R., KUMBAKISAKA S.
LUCRĂRI ȘTIINȚIFICE MEDICINĂ VETERINARĂ, vol.2, no.L, pp.322-330, 2017 (Peer-Reviewed Journal)
- XVI. Uçucu Yağlar: Uçucu Yağların Gücü ve Biyo-Malzeme Olarak Kullanımı**
KAYA D. A., ALBU KAYA M.
Türkiye Klinikleri, vol.3, no.1, pp.8-14, 2017 (Peer-Reviewed Journal)
- XVII. EPIDEMIOLOGICAL INVESTIGATIONS ON HONEY BEES NOSEMOSIS IN TIMIS COUNTY**
MEDERLE N., KAYA D. A., MORARIU S., BALINT A., OPRESCU I., ILIE M., IMRE M., CIOBANU G., DARABUS G.
LUCRARI STIINTIFICE MEDICINĂ VETERINARĂ TIMIȘOARA, vol.2, no.L, pp.142-146, 2017 (Peer-Reviewed Journal)
- XVIII. Therapeutic efficacy testing of two topical products used in dry demodicosis lesions in dogs from Mehedinti County**
MEDERLE N., KAYA D. A., ALBU KAYA M., PATRACU M., KUMBAKISAKA S., MORARIU S., GARTNER A., NEGRESCU A., DARABUS G.
UNIVERSITATEA DE ȘTIINȚE AGRICOLE ȘI MEDICINĂ VETERINARĂ "ION IONESCU DE LA BRAD" IAȘI, vol.60, no.a 2-a, pp.322-330, 2017 (Peer-Reviewed Journal)
- XIX. The Effect of Different Levels of Altitudes on Composition and Content of Essential Oils of *Ziziphora Clinopodioides* in Southern of Turkey**
MARAL H., Taghikhani H., KAYA D. A., KIRICI S.
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.1, no.1, pp.1-6, 2015 (Peer-Reviewed Journal)
- XX. Diurnal Changes on Content and Composition of *Thymbra Spicata L* Essential Oil**
KAYA D. A., ARSLAN M., İNAN M., BAŞKAYA Ş.
Research Journal of Biological Sciences, 2013 (Peer-Reviewed Journal)
- XXI. Effect of harvest time on essential oil composition of *thymbra spicata L.* growing in flora of**

adıyaman

Inan M., Kirpik M., KAYA D. A., KIRICI S.

Advances in Environmental Biology, vol.5, no.2 SPEC. ISSUE, pp.356-358, 2011 (Scopus)

- XXII. **Determination of Morphological Properties Agronomic Characters and Essential Oil Composition of Wild Growing *Foeniculum vulgare* Mill In Southeastern Mediterranean Region of Turkey**
KIRICI S., İNAN M., KAYA D. A.
Biomed, 2010 (Peer-Reviewed Journal)
- XXIII. **Antifungal Activities of the Essential Oils on Post Harvest Disease Agent *Penicillium digitatum***
SOYLU E. M., TOK F. M., SOYLU S., KAYA D. A., Evrendilek G.
PAKISTAN JOURNAL OF BIOLOGICAL SCIENCES, vol.8, no.1, pp.25-29, 2005 (Peer-Reviewed Journal)
- XXIV. **Antifungal Activities of the Essential Oils on Post harvest Disease Agent *Penicillium digitatum***
SOYLU E. M., TOK F. M., SOYLU S., KAYA D. A., AKDEMİR EVRENDELİK G.
Pakistan Journal of Biological Sciences, vol.8, pp.25-29, 2005 (Peer-Reviewed Journal)
- XXV. **Antimicrobial Activities of Essential Oils of Some Medicinal Plants Against *Phytophthora infestans***
SOYLU S., SOYLU E. M., Yiğitbaşı H., KAYA D. A.
Ovidius University Annals of Medical Science and Pharmacy, 2003 (Peer-Reviewed Journal)
- XXVI. **Propagation of some native grown medicinal plants by stem cuttings**
Ayanoglu F., Mert A., ERDOĞAN C., KAYA D. A.
Journal of Herbs, Spices and Medicinal Plants, vol.9, no.4, pp.405-411, 2002 (Scopus)
- XXVII. **Hatay yöresinde halk arasında kullanılan bazı önemli tıbbi ve kokulu bitkilerin tespiti ve toplanması**
AYANOĞLU F., MERT A., KAYA D. A.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), pp.109-116, 1999 (Peer-Reviewed Journal)
- XXVIII. **Adı Koşullarda Depolanan Kebere (*Capparis spinosa* L., *Capparis ovata* Desf) Tohumlarının Çimlenme Yeteneklerinde Yıl Boyunca Meydana Gelen Değişiklikler**
AYANOĞLU F., KAYA D. A., MERT A.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), 1999 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Traditional Farming of Apiaceae Species in Türkiye: *Pimpinella anisum* L., *Foeniculum vulgare* Mill., *Cuminum cyminum* L.**
BAYRAM E., KIRICI S., İNAN M., KAYA D. A., ÖZEL A.
in: Medicinal and Aromatic Plants of Turkey, Ákos Máthé, Kenan Turgut, Editor, Springer, pp.241-281, 2023
- II. **ERMENEK'TE ENDEMİK SALVIA ALBIMACULATA VE SALVIA CAESPITOSA BITKİLERİNİN UÇUCU YAĞ BİLEŞENLERİNİN BELİRLENMESİ**
MARAL H., TÜRKMEN M., KAYA D. A., KIRICI S.
in: Ermenek Araştırmaları II, Hüseyin Muşmal, Erol Yüksel, Mehmet Ali Kapar, Ömer Çeçen, Editor, Palet Yayımları, Karaman, pp.645-652, 2018
- III. **Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine**
Dinescu S., ALBU KAYA M., Chitoiu L., Ignat S., KAYA D. A., Costache M.
in: Cellulose-Based Superabsorbent Hydrogels, Mondal İbrahim H., Editor, Springer, pp.1-21, 2018
- IV. **ERMENEK'TE ENDEMİK SALVIA ALBIMACULATA VE SALVIA CAESPITOSA BITKİLERİNİN UÇUCU YAĞ BİLEŞENLERİNİN BELİRLENMESİ**
MARAL H., TÜRKMEN M., KAYA D. A., KIRICI S.
in: Ermenek Araştırmaları 1- 2, Hüseyin Muşmal, Erol Yüksel, Mehmet Ali Kapar, Ömer Çeçen, Editor, Palet Yayımları, Konya, pp.645-652, 2018
- V. **Some Morphological and Phenological Characters of Tobacco , (*Nicotiana tabacum* L.) Grown in Hatay Province of Turkey**
KAYA D. A., AYANOĞLU F.

in: Biodiversity (Biomolecular Aspects of Biodiversity and Innovative Utilization), Bilge ŞENER, Editor, Springer New York, NY, NY, pp.345-347, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of Essential Oil Components Obtained from Leaves and Aerial Parts of *Ferulago syriaca***
KAYA D. A., GÜZEL Y., TÜRKMEN M.
9 th International Conference on Advanced Materials and Systems, Bükreş, Romania, 26 - 28 October 2022
- II. **RHEOLOGICAL CHARACTERIZATION OF SOME CELLULOSE DERIVATIVES-BASED HYDROGELS**
Tudoroiu E., Ghica M., Albu-Kaya M. G., Dinu-Pîrvu C., Popa L., Anuța V., Velescu B. ř., KAYA D. A., Marin M. M., Prisada R. M.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.235-240
- III. **HAIR MASKS BASED ON KERATIN AND COLLAGEN**
Albu-Kaya M. G., Ghica M., Dinu-Pîrvu C., Popa L., Dănilă E., Chelaru C., Anuța V., KAYA D. A., Talianu M., Stavri A.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.97-102
- IV. **COMPARING OF EUCALYPTUS (*Eucalyptus camaldulensis* AND *Eucalyptus grandis*) ESSENTIAL OIL COMPOSITIONS GROWING IN HATAY ECOLOGICAL CONDITIONS**
KAYA D. A., TÜRKMEN M.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.167-172
- V. **COMPARISON OF AERIAL PARTS ESSENTIAL OILS OF PURPLE AND WHITE FLOWERED *Vitex agnus-castus* (LAMIACEAE) POPULATIONS**
GÜZEL Y., KAYA D. A., TÜRKMEN M.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.127-132
- VI. **ESSENTIAL OIL COMPOSITION OF *Teucrium montbretii* SUBSP. *Montbretii* BENTH. (LAMIACEAE)**
GÜZEL Y., KAYA D. A., TÜRKMEN M.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.133-54
- VII. **DETERMINATION OF ESSENTIAL OIL COMPONENTS OBTAINED FROM LEAVES AND AERIAL PARTS OF *Ferulago***
KAYA D. A., GÜZEL Y., TÜRKMEN M.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.161-166
- VIII. **THE EFFECT OF DIFFERENT SOWING TIMES ON CORN SILK TEA**
KONUŞKAN Ö., KAYA D. A.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.173-178
- IX. **VARIATIONS IN ESSENTIAL OIL MAIN COMPONENTS OF NATIVE GROWN *Salvia aramiensis* RECH FIL. GENOTYPES DEPENDING ON YEARS**
TÜRKMEN M., KAYA D. A., Ayanoglu F.
9th International Conference on Advanced Materials and Systems, ICAMS 2022, Bucharest, Romania, 26 - 28 October 2022, pp.241-246
- X. **Tıbbi ve Aromatik Bitkilerin Üretiminde Mevcut Durum ve Gelecek**
KIRICI S., BAYRAM E., TANSI L. S., ARABACI O., BAYDAR H., TELCİ İ., İNAN M., KAYA D. A., ÖZEL A.
Türkiye Ziraat Mühendisliği IX. Teknik Kongresi, Ankara, Turkey, 15 - 17 January 2020, vol.13, pp.505-528
- XI. **ASPECTS REGARDING THE EFFECTIVENESS OF VOLATILE OILS OF THE *TANACETUM VULGARE* KIND**

IN THE CONSERVATION OF HERITAGE OBJECTS

Miu L., Constantinescu R. R., KAYA D. A., Hadimbu E., Micu M. C., Paunescu S. M., Caniola I. M.

Proceedings of the 8th International Conference on Advanced Materials and Systems, Bükreş, Romania, 1 - 03 October 2020, vol.1, pp.513-524

XII. TİBBİ VE AROMATİK BİTKİLERİN ÜRETİMİNDE MEVCUT DURUM VE GELECEK

KIRICI S., BAYRAM E., TANSI L. S., ARABACI O., BAYDAR H., TELCİ İ., İNAN M., KAYA D. A., ÖZEL A.

Türkiye Ziraat Mühendisliği IX. Teknik Kongresi, Ankara, Turkey, 13 - 17 January 2020, vol.1, pp.505-528

XIII. Tıbbi Bitkilerin Üretiminde Mevcut Durum ve Gelecek

KIRICI S., BAYRAM E., TANSI L. S., ARABACI O., BAYDAR H., TELCİ İ., İNAN M., KAYA D. A., ÖZEL A.

Türkiye Ziraat Mühendisliği IX. Teknik Kongresi, Ankara, Turkey, 13 - 17 January 2020, vol.1, pp.505-528

XIV. Aspects regarding the effectiveness of volatile oils of the tanacetum Vulgare kind in the conservation of heritage objects

Miu L., Constantinescu R., KAYA D. A., Hadimbu E., Şendrea C., Micu M., Păunescu S., Caniola I. M., Badea E.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.513-518

XV. Doxycycline/collagen/chondroitin sulfate delivery systems used for cartilage regeneration

Marin M., Albu Kaya M. G., Ghica M. V., Dănilă E., Coară G., Popa L., Chelaru C., KAYA D. A., Anuța V., Dinu-Pîrvu C., et al.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.201-206

XVI. Oil glands number and oil glands diameters of thymbra spicata var. Spicata l. leaves

KAYA D. A., Ayanoğlu F.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.189-194

XVII. Effect of essential oils on some pathogens that cause eczema

Karaçam M., KAYA D. A.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.183-188

XVIII. Determination of yield and yield components in different sowing times of black seed (*Nigella sativa* L.) in hatay ecological conditions

Eren Y., KAYA D. A.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.145-150

XIX. Formulation and characterization of anti-aging cosmetic emulsions based on collagen hydrolysate and caffeine

Dănilă E., Albu Kaya M. G., Ghica M. V., Bunea A., Popa L., KAYA D. A., Öztürk Ş., Marin M., Dinu-Pîrvu C., Anuța V.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.139-144

XX. The variation of essential oil and carvacrol contents of native grown thymbra spicata var. Spicata L. MAVİ K., KAYA D. A., TÜRKMEN M., Ayanoğlu F.

8th International Conference on Advanced Materials and Systems, ICAMS 2020, Virtual, Online, 1 - 03 October 2020, pp.213-218

XXI. CHEMICAL CHARACTERIZATION AND PHARMACOLOGICAL PROPERTIES OF ESSENTIAL OILS OF INULA VIScosa L.

DURAN N., AY E., TÜRKMEN M., HAMŞUOĞLU E., KAYA D. A.

7th International Symposium on Academic Studies in Health and Sports Sciences, 15 - 17 November 2019

XXII. Experimental design for the optimization of the essential oil extraction process from Thymbra spicata

DÎNU PÎRVU C. E., GHÎCA M. V., KAYA D. A., ALBU KAYA M., ANUTA V., TÜRKMEN M., Popa L., ÖZTÜRK Ş.

The Congress of the University of Medicine and Pharmacy Carol da Vila, 10 - 12 October 2019

XXIII. APOPTOTIC EFFECTS OF MYRTUS COMMUNIS L. ESSENTIAL OIL ON A549 CELLS

- BİLGİÇ N., GÜLBOL DURAN G., KAYA D. A.
EUROPEAN HUMAN GENETICS CONFERENCE, 16 - 19 June 2018, vol.27, pp.1011
- XXIV. **BAZI BİTKİ UÇUCU YAĞLARININ (LAURUS NOBILIS, MYRTUS COMMUNIS, LAVANDULA STOECHAS, ARTEMİSIA ANNUA, THYMBRA SPICATA) RUMİNANTLarda İN VİTRO METAN ÜRETİMİ ÜZERİNE ETKİLERİ**
ÖNEL S. E., AKSU T., KAMALAK A., SARIPINAR AKSU D., KAYA D. A., SAKİN F., TÜRKMEN M.
AVRASYA 2. Uluslararası Uygulamalı Bilimler Kongresi, 12 - 14 April 2019
- XXV. **Determination Of Diurnal Variability In Summer Savory (*Satureja hortensis L.*) Species In Its Natural Growth Area**
İNAN M., KIRPIK M., KAYA D. A.
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 2 - 04 October 2018, pp.267-272
- XXVI. **Clonal Selection of Zahtar (*Thymbra spicata L.*)**
AYANOĞLU F., MAVİ K., KAYA D. A., TÜRKMEN M.
4. International Symposium of Medicinal and Aromatic Plants, 2 - 04 October 2018
- XXVII. **DEV KRAL OTU (*Pennisetum hybridum*) DİP SÜRGÜNLERİNİN BİYOPOLİMERİK KAPLANMASI İLE SENTETİK TOHUMLUK ÜRETİMİ**
ÇELİKTAŞ N., CAN E., TİRYAKİOĞLU M., KAYA D. A., ERTEKİN İ.
Uluslararası Katılımlı Türkiye 6. Tohumculuk Kongresi, Niğde, Turkey, 10 - 13 September 2018
- XXVIII. **ERMENEK'TE ENDEMİK SALVIA ALBIMACULATA VE SALVIA CAESPITOSA BİTKİLERİNİN UÇUCU YAĞ BİLEŞENLERİNİN BELİRLENMESİ**
MARAL H., TÜRKMEN M., KAYA D. A., KIRICI S.
Uluslararası Ermenek ve Çevresi Kongresi, Karaman, Turkey, 2 - 04 August 2018
- XXIX. **Effects of planting density and harvesting time on leaf and essential oil yield of bay laurel (*Laurus nobilis L.*) cultured in shrub form**
Ayanoglu F., KAYA D. A., BAHADIRLI N. P.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.289-294
- XXX. **Antifungal activity of *origanum syriacum L.* Essential oils against candida spp.**
DURAN N., KAYA D. A.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.81-85
- XXXI. **Diclofenac spongyous matrices based on collagen and alginate for relieving injury pains**
Drăghici R., Marin M. M., Ghica M. V., Kaya M. G. A., Anuța V., Dinu-Pîrvu C., KAYA D. A., Coară G., Albu L., Chelaru C.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.75-80
- XXXII. **The antimicrobial activities of *myrtus communis* and *micromeria fruticosa* essential oils**
KAYA D. A., DURAN N.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.249-254
- XXXIII. **Chemical composition of essential oils from *origanum onites L.* And *cymbopogon citratus*, and their synergistic effects with acyclovir against hsv-1**
DURAN N., KAYA D. A.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.243-248
- XXXIV. **Antifungal activity of *nigella sativa L.* And *thymbra spicata L.* essential oils against *trichophyton rubrum***
KAYA D. A., DURAN N.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.439-444
- XXXV. **Synergistic activities of *hypericum perforatum L.* And glabridin against drug resistant h. pylori isolates**

- DURAN N., KAYA D. A.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.87-92
- XXXVI. **Essential oil components of hypericum hircinum subsp. Majus (aiton) n. robson growing in hatay (turkey) flora**
Ayanoglu F., TÜRKMEN M., KAYA D. A.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.393-396
- XXXVII. **Composite scaffolds for bone regeneration made of collagen/hydroxyapatite/eucalyptus essential oil**
Florea A. D., Dănilă E., Constantinescu R. R., Kaya M. A., KAYA D. A., Coară G., Albu L., Chelaru C.
7th International Conference on Advanced Materials and Systems, ICAMS 2018, Bucharest, Romania, 18 - 20 October 2018, pp.93-98
- XXXVIII. **Effect of different bacterial isolates on essential oil compositions of basil (*Ocimum basilicum* L.)**
KIRICI S., Taghikhani H., Horoz S., AYSAN Y., KAYA D. A.
International Symposium on Medicinal, Aromatic and Dye Plants (REYHAN 2017), Malatya, Turkey, 5 - 07 October 2017, pp.300-305
- XXXIX. **Effect of different bacterial isolates on yield and quality of basil (*Ocimum basilicum* L.)**
KIRICI S., Taghikhani H., Horoz S., ÇALIŞKAN T., MARAL H., AYSAN Y., KAYA D. A.
International Symposium on Medicinal, Aromatic and Dye Plants (REYHAN 2017), Malatya, Turkey, 5 - 07 October 2017, pp.75-84
- XL. **INVESTIGATION OF THE EFFECTS OF EUCALYPTUS CAMADULENSIS L. DEHNH'S ESSENTIAL OILS ON METHICILLIN RESISTANCE AND SLIME PRODUCTION IN STAPHYLOCOCCI**
DURAN N., BAYRAKTAR H. S., ÇOLAK HALLUM S., ÇİMEN F., Ay E., KAYA D. A.
Microbiologia Balkanica 2017, 16 - 18 November 2017
- XLI. **EFFECTS OF NIGELLA SATIVA L.'S ESSENTIAL OILS ON MULTI DRUG RESISTANT *E. COLI* ISOLATES**
DURAN N., Ay E., BAYRAKTAR H. S., ÇOLAK HALLUM S., KAYA D. A.
Microbiologia Balkanica 2017, 16 - 18 November 2017
- XLII. **ANTIMICROBIAL EFFICACY OF TRIGONELLA FOenicum-GRAECUM L. AGAINST THE CAUSATIVE AGENTS OF SOME IMPORTANT NOSOCOMIAL PATHOGENS**
DURAN N., Ay E., ÇOLAK HALLUM S., BAYRAKTAR H. S., KAYA D. A.
Microbiologia Balkanica 2017, 16 - 18 November 2017
- XLIII. **Agricultural properties and ontogenetic variability of *Salvia cassia Samuelss. ex.Rech. Fil.***
AYANOĞLU F., KAYA D. A., TÜRKMEN M., BAHADIRLI N. P., MERT A.
İç Anadolu Bölgesi 3. Tarım ve Gıda Kongresi, Turkey, 26 - 28 October 2017
- XLIV. **Comparation of Hepatoprotective Activity of Coriander (*Coriandrum sativum*) and Its Major Component Linalool in an Experimental Rat Model**
ALTINOK YİPEL F., TEKELİ İ. O., ÖZSOY Ş. Y., GÜVENÇ M., KAYA D. A., YİPEL M.
II International Congress on Advances in Veterinary Sciences Technics, 4 - 08 October 2017
- XLV. **Promising Bay Laurel (*Laurus nobilis* L.) Genotypes From Native Flora for Fruit Production**
AYANOĞLU F., KAYA D. A., MERT A., AYANOĞLU H., BAHADIRLI N. P., TÜRKMEN M.
3rd International Symposium for Agriculture and Food, Macedonia, 18 - 20 October 2017
- XLVI. **Determination of Agricultural Aspects and Ontogenetic Variability of Essential Oil Components of *Salvia multicaulis* Vahl.**
AYANOĞLU F., KAYA D. A., MERT A., BAHADIRLI N. P., TÜRKMEN M.
International Symposium on Medicinal, Aromatic and Dye Plants, Turkey, 5 - 07 October 2017
- XLVII. **Agricultural Properties and Ontogenetic Variability of Essential Oil Components of Clary Sage (*Salvia sclarea* L.)**
AYANOĞLU F., KAYA D. A., MERT A., TÜRKMEN M., BAHADIRLI N. P.
International Symposium on Medicinal, Aromatic and Dye Plants, Turkey, 5 - 07 October 2017
- XLVIII. **Variations of essential oil contents and components of 16 wild *Salvia* species and porpagated clones**

- AYANOĞLU F., KAYA D. A., BAHADIRLI N. P., TÜRKMEN M.
48 th ISEO-2017, 10 - 13 September 2017
- XLIX. THE EFFECTS OF ESSENTIAL OILS OF NIGELLA SATIVA L. ON p53 GENE EXPRESSION AND CELL APOPTOSIS IN HT-29 COLON CARCINOMA CELLS**
DURAN N., GÜLBOL DURAN G., KAYA D. A., Ay E., DEMİR E. A., DOĞAN H.
43. FİZYOLOJİ KONGRESİ, 07 September 2017
- L. Investigation in the extraction process for fabrication of the lavender essential oil**
PATRACU M., KUMBAKISAKA S., KAYA D. A., Olaret E.
20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, Romania, 06 September 2017
- LI. The influence of Laurel oil microcapsules embedded into collagen wound dressings**
ALBU KAYA M., KAYA D. A., molldovan Z., Marin S., Danila E., Ciprian C.
20th Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, Romania, 06 September 2017
- LII. Flufenamic Acid-Collagen-Dextran Spongyous Burn Dressings: Optimisation and Characterization**
Ghica M. V., KAYA D. A., ALBU KAYA M., Dinu Pirvu C., Popa L.
Wound Care From Innovations to Clinical Trials, Manchester, England, 20 - 21 June 2017
- LIII. Natural antimicrobial and biocompatible coatings for metallic implants**
KAYA D. A., ALBU KAYA M. G., VULGA Z., DURAN N., AYANOĞLU F., TITORENCU I.
The International Congress Zilele Stomatologice Banatene, Timisoara, Romania, 4 - 06 May 2017, pp.15-16
- LIV. A comparative study of antibacterial effect of lavender and lemon essential oils against acne causing bacteria *Staphylococcus epidermidis***
Danila E., Popa M., KAYA D. A., PATRACU M., Molodovan Z.
International Conference Students for Students, Cluj-Napoca, Romania, 25 - 30 April 2017
- LV. Determination of ontogenetic variability on herb yield, essential oil content and components of *Salvia tomentosa* Mill. genotypes**
AYANOĞLU F., KAYA D. A., MERT A., SARIHAN E. O.
Advances in Lamiaceae Science Symposium, 23 - 29 April 2017
- LVI. ANTIFUNGAL ACTIVITIES OF ESSENTIAL OILS OF LAUREL AND FENNEL PLANTS AGAINST FUNGAL DISEASE AGENTS OF CYPRESS TREE**
KARA M., KAYA D. A., SOYLU S., TÜRKMEN M.
MESMAP 3 The Third International Mediterranean Symposium on Medicinal and Aromatic Plants, 13 - 16 April 2017, pp.351
- LVII. ANTIFUNGAL ACTIVITIES OF ESSENTIAL OILS OF LAUREL AND FENNEL PLANTS AGAINST FUNGAL DISEASE AGENTS OF CYPRESS TREES**
KARA M., KAYA D. A., SOYLU S., TÜRKMEN M.
MESMAP 3, 13 - 16 April 2017
- LVIII. Zahter uçucu Yağının *Thymbra spicata* L var *spicata* Kuzularda Besi Performansı ve Rumen Parametrelerine Etkisi**
BAYTOK E., KARA K., AKSU T., KOCAOĞLU GÜÇLÜ B., ÖZKAYA S., DENEK N., KAMALAK A., KAYA D. A., ÖNEL S. E., AKÇAY A.
1. Uluslararası Hayvan Besleme Kongresi, 28 September - 01 October 2016
- LIX. Determination of antifungal effect of the essential oil combinations obtained by different methods**
TÜRKMEN M., KAYA D. A.
47th International Symposium on Essential Oils, Nice, France, 11 - 14 September 2016
- LX. Selection of Optimal Operating Conditions for Extraction of *Myrtus communis* L Essential Oil**
KAYA D. A., Danila E., Ghica M. V., Madalina Georgiana A. K., TÜRKMEN M.
47th International Symposium on Essential Oils, Nice, France, 11 - 14 September 2016
- LXI. Antibacterial and antifungal effects of *Thymbra spicata* clay systems**
Corobeia M. C., Birjega R., Zavoianu R., Manescu A., KAYA D. A., Florea D., Zina V.
IV International Conference on Antimicrobial Research - ICAR2016, Malaga, Spain, 29 June - 01 July 2016

- LXII. **Efficiency of ESSENTIALCOLL a novel natural wound dressing for infected soft tissues**
KAYA D. A., Albu Kaya M. G., Vuluga Z., DURAN N., Albu L., Panea Paunica G., Constantin V. D.
IV International Conference on Antimicrobial Research - ICAR2016, Malaga, Spain, 29 June - 01 July 2016
- LXIII. **The influence of laurel oil on antimicrobial activity and biocompatibility of collagen wound dressing**
Albu Kaya M. G., KAYA D. A., Titorencu I., TÜRKmen M., DURAN N., Chelaru C.
IV International Conference on Antimicrobial Research, Malaga, Spain, 29 June - 01 July 2016
- LXIV. **The influence of laurel oil on antimicrobial activity and biocompatibility of collagen wound dressings**
Albu Kaya M. G., KAYA D. A., Titorencu I., TÜRKmen M., DURAN N., Chelaru C.
IV International Conference on Antimicrobial Research - ICAR2016, Malaga, Spain, 29 June - 01 July 2016
- LXV. **Effect of Zahter Thymbra spicata L var spicata essential oil on meat quality of Japanese Quails reared in various stocking densities**
ÖNEL S. E., AKSU T., YAKAN A., KAYA D. A.
2nd International Congress on Applied Biological Sciences, Sarajevo, Bosnia And Herzegovina, 27 - 31 May 2016
- LXVI. **Effects of Zahter Thymbra spicata L var spicata Essential Oil on Meat Quality of Japanese Quails Reared in Various Stocking Densities**
ÖNEL S. E., AKSU T., YAKAN A., KAYA D. A.
International Congress on Applied Biological Sciences, 21 - 31 May 2016
- LXVII. **Effects of different drying methods on components of Thymbra spicata L. essential oil from flora of Hatay (Turkey)**
Mert A., TÜRKmen M., BAHADIRLI N. P., KAYA D. A., Ayanoglu F., özturk S.
6th International Conference on Advanced Materials and Systems, ICAMS 2016, Bucharest, Romania, 20 - 22 October 2016, vol.0
- LXVIII. **Synergistic activities of the essential oils Hypericum perforatum with methotrexate on human breast cancer cell line MCF-7**
Duran G. G., DURAN N., Ay E., KAYA D. A., Kaya M. G. A.
6th International Conference on Advanced Materials and Systems, ICAMS 2016, Bucharest, Romania, 20 - 22 October 2016
- LXIX. **In vitro cytotoxic activity of Nigella sativa L. On human malignant melanoma cell lines**
DURAN N., Duran G. G., Ay E., KAYA D. A., Kaya M. G. A., Mert A.
6th International Conference on Advanced Materials and Systems, ICAMS 2016, Bucharest, Romania, 20 - 22 October 2016
- LXX. **Antimicrobial Collagen Biomaterials**
ALBU M. G., KAYA D. A., VLADKORA T., DURAN N., IVANOVA I., GHICA M. V.
International Seminar on Biomaterials Regenerative Medicine, Oradea, Romania, 17 - 19 September 2015
- LXXI. **New Method for Encapsulation of Oregano EssentialOil into Carbon Nanotubes**
Prodana M., Albu M. G., KAYA D. A., Negru A., Bojin D., Enachescu M.
The 39th ARA Proceedings, Roma, Italy, 28 - 31 July 2015, pp.88-92
- LXXII. **İn Vitro Sindirim Denemelerinin Genç Araştırmacıların Eğitiminde Kullanılması**
BAYTOK E., KARA K., AKSU T., KOCAOĞLU GÜÇLÜ B., DENEK N., YÖRÜK M. A., KAYA D. A., KAMALAK A., AKÇAY A., ÖNEL S. E.
International Conference on New Horizons in Education, Barcelona-SPAIN, June, 10 June - 12 August 2015
- LXXIII. **New antimicrobial collagen dressing a new challenge for wound management**
PAUNICA PANEÀ G., ALBU M. G., KAYA D. A., VULUGA Z., TITORENCU I., DENIS C. V.
Congresul Universitatii de Medicina si Farmacie Carol Davila, BUCHAREST, Romania, 28 May - 30 September 2015
- LXXIV. **Collagen biomaterials for wound healing**
ALBU M., KAYA D. A., VULUGA Z., TITURENCU I., PAUNICA PANEÀ G., CONSTANTIN V. D.
International Workshop Young Scientists Joining Forces for Excellence in Biomaterials Research, 28 - 30 May 2015
- LXXV. **INVESTIGATION ON NEW CLAY ESSENTIAL OILS SYSTEMS**
MIHAI C C., ZINA V., ADRIANA M., KAYA D. A., CRISTIAN ANDI N., DUMITRU MIRCAE V., DOREL F., MICHAELA I., MADALINA GEORGIANA A.
THE SECOND MEDITERRANEAN SYMPOSIUM ON MEDICINAL AND AROMATIC PLANTS (MESMAP-2), 22 - 25 April

2015

- LXXVI. **EXPERIMENTAL DESIGN AS A TOOL TO SELECT THE OPTIMAL OPERATING CONDITIONS FOR ESSENTIAL OIL EXTRACTION FROM LAUREL LEAVES**
KAYA D. A., SAYIN S., ALBU M. G., MIHAELA VIOLETA G., DINUPIRVU C.
THE SECOND MEDITERRANEAN SYMPOSIUM ON MEDICINAL AND AROMATIC PLANTS (MESMAP-2), 22 - 25 April 2015
- LXXVII. **COLLAGEN HYDROLYSATE ZEOLITE ESSENTIAL OIL ANTIMICROBIAL SYSTEMS**
ALBU M. G., KAYA D. A., DURAN N., AYANOĞLU F., ASİL H., FERDES M., VULUGA Z., CHELARU C.
THE SECOND MEDITERRANEAN SYMPOSIUM ON MEDICINAL AND AROMATIC PLANTS (MESMAP-2), 22 - 25 April 2015
- LXXVIII. **COLLAGEN LAVANDULA OIL NIFLUMIC ACID DELIVERY SYSTEMS**
GHICA M. V., ALBU M. G., KAYA D. A., ÖZTÜRK Ş., POPA L., ORTAN A.
THE SECOND MEDITERRANEAN SYMPOSIUM ON MEDICINAL AND AROMATIC PLANTS (MESMAP-2), 22 - 25 April 2015
- LXXIX. **STUDY OF LIPOSOMES AS A MODEL FOR PHOTOSYNTHESIZING MEMBRANES**
Ortan , KAYA D. A., Türkmen M., Ghica M. V., Dinu Pirvu C.
The Second Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2), Antalya, Turkey, 22 - 25 April 2015, vol.1, pp.257
- LXXX. **ALGAE AS INNOVATIVE NUTRACEUTIC**
SAYIN S., KAYA D. A., ERSOY ALTUN B., ÖZCAN T., NAZ M., ALTUN A., ünal n., yilmaz g.
THE SECOND MEDITERRANEAN SYMPOSIUM ON MEDICINAL AND AROMATIC PLANTS (MESMAP-2), 22 - 25 April 2015
- LXXXI. **A CALIBRATION FOR FAST SPECTRAL ASSESSMENT OF LAUREL *Laurus nobilis L* POPULATION FOR SELECTION BREEDING USING FT NIR**
ÇELİKTAŞ N., KAYA D. A., AYANOĞLU F., TÜRKMEN M.
THE SECOND MEDITERRANEAN SYMPOSIUM ON MEDICINAL AND AROMATIC PLANTS (MESMAP-2), Antalya, Turkey, 22 - 25 April 2015
- LXXXII. **İbuprofen-Collagen Sponges For Wound Healing**
Ghica M. V., KAYA D. A., ALBU KAYA M., Popa L., Pirvu C. D., Cristescu İ., Udeanu D. I.
ICAMS 2014 – 5th International Conference on Advanced Materials and Systems, 23 - 25 October 2014
- LXXXIII. **SYNTHESIS AND CHARACTERISATION OF MICROCAPSULES BASED ON NATURAL BIOPOLYMERS AND LAUREL ESSENTIAL OIL**
Chelaru C., Albu M. G., KAYA D. A., Meghea A., İgnat M., Öztürk Ş., Giurginca M., Nalbat S., TÜRKMEN M., Dinca L.
ICAMS 2014 – 5th International Conference on Advanced Materials and Systems, Bükkreş, Romania, 23 - 25 October 2014
- LXXXIV. **The Influence of Marine Algae and Natural Plant Oils on Collagen Based Cream Properties**
KAYA D. A., SAYIN S., Ferdes M., Albu M. G., Ünal N., TÜRKMEN M., öztürk ş., CONSTANTINESCU R. R., Ghica M. V.
The 5th International Conference on Advanced Materials and Systems (ICAMS 2014), Bükkreş, Romania, 23 - 25 October 2014
- LXXXV. **Zahter Thymbra spicata I Uçucu Yağının Ruminantlarda Performans ve Rumen Metabolitlerine Etkisinin İn Vitro ve İn Vivo Yöntemlerle Belirlenmesi ve Ekolojik Yönden Değerlendirilmesi**
BAYTOK E., KARA K., AKSU T., KOCAOĞLU GÜÇLÜ B., DENEK N., YÖRÜK M. A., KAYA D. A., KAMALAK A., AKÇAY A., ÖNEL S. E.
VII. ULUSAL HAYVAN BESLEME KONGRESİ, Ankara, Turkey, 26 - 27 September 2013, pp.230-240
- LXXXVI. **Zahter Thymbra spicata L Uçucu Yağının ruminantlarda performans ve rumen metabolitlerine etkisinin invitro ve invivo yöntemlerle belirlenmesi ve ekolojik yönden değerlendirilmesi**
BAYTOK E., kara k., AKSU T., KOCAOĞLU GÜÇLÜ B., DENEK N., Yörük M., KAYA D. A., akçay A.
VII. Ulusal Hayvan Besleme Kongresi Bildiri Kitabı, Ankara, Turkey, 26 - 27 September 2013, vol.1, pp.274-283
- LXXXVII. **Kültüre Alınan *Origanum micranthum* vogel türünde biçim sayıları ve dönemlerinin morfolojik özellikler ile uçucu yağ oranlarına etkileri**
İNAN M., KAYA D. A., KIRICI S.

10. Tarla Bitkileri Kongresi, Konya, Turkey, 10 - 13 September 2013, vol.3, pp.1046-1051
- LXXXVIII. **Collagen-essential oil spongiuous matrices: Thermal and enzymatic stability**
KAYA D. A., Albu M. G., Vuluga Z., Cristian N.
4th International Conference on Advanced Materials and Systems, ICAMS 2012, Bucharest, Romania, 27 - 29 September 2012, pp.279-284
- LXXXIX. **In vitro antiviral effect of the essential oils of thymbra spicata L. on herpes simplex virus type 2**
DURAN N., KAYA D. A., Duran G. G., Eryilmaz N.
4th International Conference on Advanced Materials and Systems, ICAMS 2012, Bucharest, Romania, 27 - 29 September 2012, pp.243-248
- XC. **Effects of dietary Thyme Thymbra spicata L essential oil on performance i antioxidant status blood characteristics and intestinal microflora of Japanese Quails**
AKSU T., SARIPINAR AKSU D., KAYA D. A., DURAN N., ÖNEL S. E., CANOĞULLARI S.
ULUSLARARASI TÜRK VE AKRABA TOPLULUKLAR ZOOTEKNİ KONGRESİ, 11 - 13 September 2012
- XCI. **The Effect of Thyme oil Thymbra spicata L var spicata on Meat Quality in Japanese Quails**
AKSU T., SARIPINAR AKSU D., KAYA D. A., DURAN N., ÖNEL S. E., BAYLAN M.
ULUSLARARASI TÜRK VE AKRABA TOPLULUKLAR ZOOTEKNİ KONGRESİ, 11 - 13 September 2012, pp.94-104
- XCII. **Farklı IBA Dozlarının Doğal Olarak Yetişen Bazı Uçucu Yağ Bitkilerinin Köklenmeleri Üzerine Etkileri**
AYANOĞLU F., MERT A., KAYA D. A.
1st International Symposium on Protection of Natural Environment, Kütahya, Turkey, 23 - 25 September 1999

Supported Projects

- KAYA D. A., TÜRKMEN M., AYANOĞLU F., TUBITAK Project, Bitkisel Çay Olarak Kullanımı Uygun Salvia aramiensis Rech Fil. (Antakya Adaçayı) Kemotiplerinin Klonal Seleksiyonu, 2019 - Continues
- KAYA D. A., TUBITAK Project, Hatay Yöresinde Doğal Olarak Yetişen Adaçayı Salvia Sp Türlerinin Kültüre Alınması Verim Ve Kalite Özelliklerinin Belirlenmesi, Continues
- KAYA D. A., TUBITAK Project, Hatay yöresinde doğal olarak yetişen defne Laurus nobilis l bitkisinin kalite özelliklerinin belirlenmesi ve seleksiyonu, Continues
- KAYA D. A., TUBITAK Project, Çeşitli bitkilerin kompost ekstrakt ve eterik yağlarının domateste önemli bitki patojenlerine karşı antifungal aktivitesi, Continues
- BAHADIRLI N. P., KAYA D. A., TÜRKMEN M., AYANOĞLU F., TUBITAK Project, Bitkisel Çay Olarak Kullanımı Uygun Salvia Aramiensis Rech. Fil. (Antakya Adaçayı) Kemotiplerinin Klonal Seleksiyonu, 2019 - 2022
- Ayanoğlu F., Türkmen M., Kaya D. A., TUBITAK Project, Bitkisel Çay Olarak Kullanımı Uygun Salvia aramiensis Rech Fil. (Antakya Adaçayı) Kemotiplerinin Klonal Seleksiyonu, 2019 - 2022
- KAYA D. A., Metrology Advances for Digitized ECS industry 4.0, 2019 - 2022
- KAYA D. A., ARSLAN G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Altınözü Zahterinin Standartlara Göre Uygun Olarak Kurulması ve Peketlenmesi, 2019 - 2021
- DURAN N., KAYA D. A., ARPAĞ O. F., Project Supported by Higher Education Institutions, Hypericum perforatum periodontal tedaviye mikrobiyal açıdan fayda sağlayabilir mi In vitro çalışma, 2019 - 2020
- KAYA D. A., AYANOĞLU F., TÜRKMEN M., Project Supported by Higher Education Institutions, Mersin Bitkisinin Yaprak Üretimine Yönerek Yetiştirme Koşullarının Araştırılması, 2018 - 2019
- KAYA D. A., TÜRKMEN M., Project Supported by Higher Education Institutions, Uçucu Yağ Mikroemülsyonlarının Beyaz Kük Hastalığı Etmeni Sclerotinia sclerotiorum'xxa karşı in vitro ve in vivo antifungal etkinliklerinin belirlenmesi, 2017 - 2019
- SAKİN F., SARIPINAR AKSU D., AKSU T., KAMALAK A., KAYA D. A., TÜRKMEN M., ÖNEL S. E., Project Supported by Higher Education Institutions, Bazı Bitki Uçucu Yağlarının (Laurus nobilis, Myrtus communis, Lavandula stoechas, Artemisia annua, Thymbra spicata) Ruminantlarda İn Vitro Metan Üretimi Üzerine Etkileri, 2017 - 2018
- KAYA D. A., DESIGN, EVALUATION AND MODELING OF DRUG RELEASE MECHANISM FOR NOVELTOPICAL MULTIPARTICULATE DELIVERY SYSTEMS, 2017 - 2018
- KAYA D. A., BAHADIRLI N. P., SARIHAN E. O., AYANOĞLU F., Project Supported by Higher Education Institutions, Çali

formunda Defne (*Laurus nobilis* L.) Yetiştiriciliğinde Farklı Dikim Sıklığı ve Hasat Zamanlarının Yaprak ve Uçucu Yağ Verimine Etkileri, 2013 - 2017

KAYA D. A., MERT A., SARIHAN E. O., Project Supported by Higher Education Institutions, Hatay Florasında Doğal Olarak Bulunan Rezene *Foeniculum Vulgare* nin Kültüre Alınması ve Çoğaltulmasının Araştırılması, 2011 - 2017

KAYA D. A., TUBITAK Project, Hatay İlinde Doğal Olarak Yetişen Zahter *Thymbra Spicata* L Bitkisinin Klonal Seleksiyonu, 2015 - 2016

KAYA D. A., MAVİ K., AYANOĞLU F., Hatay İlinde Doğal Olarak Yetişen Zahter (*Thymbra spicata* L.) Bitkisinin Klonal Seleksiyonu, 2015 - 2016

KAYA D. A., AYANOĞLU F., DURAN N., Medikal İmplantların Performanslarının Arttırılması İçin Antimikrobiyal Özellikli Yeni Kaplama Biyomateryallerin Geliştirilmesi, 2013 - 2016

DURAN N., AYANOĞLU F., KAYA D. A., Medikal İmplantların Performanslarının Arttırılması İçin Antimikrobiyal Özellikli Yeni Kaplama Biyo- materyallerinin Geliştirilmesi, 2013 - 2015

KAYA D. A., Project Supported by Higher Education Institutions, Zahter *Thymbra spicata* l uçucu yağının ruminantlarda performans ve rumenmetabolitlerine etkisinin *in vitro* ve *in vivo* yöntemlerle belirlenmesi ve ekolojik yönündedeğerlendirilmesi, 2012 - 2015

KAYA D. A., Hatay Yöresinde Seçilmiş Bazı Defne *Laurus nobilis* L Tiplerinin Yaprak ve Uçucu Yağ Tarımına Uygunluklarının ve Ex situ Muhofazası, 2011 - 2015

KAYA D. A., MERT A., DURAN N., Collagen Biomaterials with Zeolite and Essential Oil for Skin Infections, 2010 - 2012

TOK F. M., SOYLU S., KURT Ş., Yiğitbaş H., KAYA D. A., SOYLU E. M., Çeşitli Bitkilerin Kompost Ekstrakt ve Eterik Yağlarının Domatese Önemli Bitki Patojenlerine Antifungal Aktivitesi, 2002 - 2005

KAYA D. A., İNAN M., KIRICI S., Project Supported by Higher Education Institutions, Çukurova Bölgesinde Doğal Olarak Bulunan Rezene *Foeniculum vulgare* Mill nin Kültüre Alınması ve Çoğaltulmasının Araştırılması, 2001 - 2002

Patent

KAYA D. A., ANTIPARASITIC HYDROGEL BASED ON COLLAGEN AND PLANT ACTIVE PRINCIPLES AND PREPARATION PROCESS, Patent, CHAPTER A Human Needs, Standard Registration, 2023

KAYA D. A., Procedeu De Obtinere A Microcapsulelor Din Hidrolizat De Colagen, și Microcapsulele Obtinute Prin Aceste Procedeu, Patent, CHAPTER D Textile; Paper, Standard Registration, 2019

KAYA D. A., Procedeu De Obtinere A Unor Produse Textile Impregnate Cu Microcapsule, și Produsul Obtinut Prin Acestea, Patent, CHAPTER D Textile; Paper, Standard Registration, 2019

KAYA D. A., TOPICAL MULTI-PARTICULATE RELEASE SYSTEMS BASED ON BIO-POLYMERS WITH CONTROLLED RELEASE OF AN ANTI-INFLAMMATORY MEDICAMENT AND PROCESS FOR PREPARING THE SAME, Patent, CHAPTER A Human Needs, Standard Registration, 2018

DURAN N., KAYA D. A., COMPOZITII DE ACOPERIRE A IMPLANTURIOR CU SISTEME ANTIMICROBIENE PE BAZA ZEOLIT-ULEI ESSENTIAL-COLOGEN HIDROLIZAT, și PROCEDEU DE OBTINERE A ACESTORA, Patent, CHAPTER A Human Needs, Standard Registration, 2018

KAYA D. A., DURAN N., Compozitii de Acoperire A Implanturilor cu Sisteme Antimicrobiene pe Baza de Zeolit-Ulei Esential-Colagen Hidrolizat, și Procedeu de Obtinere a Acestora, Patent, CHAPTER A Human Needs, Standard Registration, 2018

KAYA D. A., DURAN N., Biomateriale Colagenice, Cu Zeolit și Uleiuri Esentiale, Pentru Tretarea Infectiilor Pielii, și Procedeu de Obtinere A Acestoera, Patent, CHAPTER A Human Needs, Standard Registration, 2018

KAYA D. A., Procedeu pentru acoperirea implanturilor biomedicale pe baza de aliaj de titan, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2016

Metrics

Publication: 151

Citation (Scopus): 689

H-Index (Scopus): 12