

Prof. ADNAN KENAR

Personal Information

Web: <https://avesis.ankara.edu.tr/kenar>

International Researcher IDs

ScholarID: zZ800CgAAAAJ

ORCID: 0000-0002-2865-7966

Publons / Web Of Science ResearcherID: AAH-8571-2019

ScopusID: 6602935928

Yoksis Researcher ID: 13014

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1987 - 1991

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1984 - 1986

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1977 - 1981

Dissertations

Doctorate, Susuz ortamlarda cerayan eden nötralleşme reaksiyonlarının incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1991

Postgraduate, Alkanditiyo siklofosfazenlerin sentezi ve yapılarının incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1986

Research Areas

Analytical Chemistry, Atomic and Molecular Spectroscopy, Chemometry, Sensors

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 2002 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 1995 - 2002

Assistant Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 1991 - 1995

Research Assistant, Ankara University, Fen Fakültesi, Kimya Bölümü, 1984 - 1991

Advising Theses

Kenar A., SODYUM KARBONAT VE SODYUM BİKARBONATIN FOURIER DÖNÜŞÜMLÜ KIZILÖTESİ SPEKTROSKOPİSİ (FT-IR) İLE EŞ ZAMANLI ANALİZİ, Postgraduate, E.İPEK(Student), 2022

Kenar A., TİTREŞİM SPEKTROSKOPİSİ KULLANARAK KURU KİMYASAL YANGIN SÖNDÜRÜCÜ TOZLARDAKİ İYONLARIN ÇOK DEĞİŞKENLİ ANALİZ İLE BİR ARADA TAYİNİ, Doctorate, C.TALYAK(Student), 2022

KENAR A., Bazı numunelerde bakır ve çinko'nun eş zamanlı olarak iyon seçici elektrot ile tayini, Postgraduate, C.CAN(Student), 2016

KENAR A., ICP-OES kullanılarak bitkilerdeki makro ve mikro elementlerin birlikte tayininde çok değişkenli kalibrasyon tekniklerinin uygulanması, Postgraduate, Ö.BENGÜ(Student), 2013

KENAR A., Nitrozo R tuzu kullanılarak bazı metal katyonlarının spektrofotometrik olarak birlikte tayinine kemometrik yöntemlerin uygulanması, Postgraduate, T.GÜVEN(Student), 2011

KENAR A., Bakır(II) ve çinko(II)'nin birlikte tayininde potansiyometrik ve kemometrik yöntemlerin uygulanması, Postgraduate, E.GÜL(Student), 2010

KENAR A., Gambin kullanılarak bazı metal katyonlarının spektrofotometrik olarak birlikte tayininde kemometrik yöntemlerin kullanılması, Postgraduate, N.KAYA(Student), 2010

KENAR A., Schiff bazlarının bor bileşikleriyle verdiği komplekslerin sentezi ve yapılarının aydınlatılması, Doctorate, R.BİLGİÇ(Student), 2008

KENAR A., Fullerenlerin çeşitli türevlerinin sentezi ve bu türevlerin iyon seçici elektrot yapımında kullanılmaları, Doctorate, D.YÜZER(Student), 2005

KENAR A., Grafitin yüzey modifikasyonu ve modifiye grafitin iyon seçici elektrot davranışının incelenmesi, Postgraduate, N.ÖZTÜRK(Student), 2004

KENAR A., Bortetraflorür'e duyarlı iyon seçici elektrot geliştirilmesi, Postgraduate, N.YALÇIN(Student), 2002

KENAR A., Voltametrik metotlarla sulara bor tayini, Postgraduate, A.İSBİR(Student), 2001

KENAR A., Kurşunun piromellitik asit kullanılarak gravimetrik metotla tayini için metot geliştirilmesi, Postgraduate, M.ALİ(Student), 2001

KENAR A., Çinko tayini için spektrofotometrik metot geliştirilmesi, Postgraduate, R.BİLGİÇ(Student), 2001

KENAR A., Gıdalarda L-Glutamik tayini için metod geliştirilmesi, Postgraduate, D.SÜREK(Student), 1997

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of a new and rapid FTIR method using chemometric modeling techniques for the determination of lavandin adulteration in lavender essential oil**
Tarhan İ., Çelikten Ş., Kestek H. M., Çelik B., Öner M., KENAR A., Kara H.
Vibrational Spectroscopy, vol.127, 2023 (SCI-Expanded)
- II. **FT-IR spectroscopy with chemometrics for rapid detection of wheat flour adulteration with barley flour**
ARSLAN F. N., Akin G., Elmas S. N. K., Uner B., YILMAZ İ., Janssen H., KENAR A.
JOURNAL OF CONSUMER PROTECTION AND FOOD SAFETY, vol.15, no.3, pp.245-261, 2020 (SCI-Expanded)
- III. **An electronic tongue for simultaneous determination of Ca²⁺, Mg²⁺, K⁺ and NH₄⁺ in water samples by multivariate calibration methods**
Atas H. B., KENAR A., TAŞTEKİN M.
TALANTA, vol.217, 2020 (SCI-Expanded)
- IV. **Green alcoholic solvent and UAE extraction of oleuropein from the Olea europaea L. leaves: Experimental design, optimization, and comparison with Pharmacopoeia method**
VURAL N., Cavuldak O. A., KENAR A., AKAY M. A.
SEPARATION SCIENCE AND TECHNOLOGY, vol.55, no.10, pp.1813-1828, 2020 (SCI-Expanded)
- V. **Electron Impact-Mass Spectrometry Fingerprinting and Chemometrics for Rapid Assessment of Authenticity of Edible Oils Based on Fatty Acid Profiling**
KENAR A., Cicek B., ARSLAN F. N., Akin G., Elmas S. N. K., YILMAZ İ.
FOOD ANALYTICAL METHODS, vol.12, no.6, pp.1369-1381, 2019 (SCI-Expanded)
- VI. **Synchronous fluorescence spectroscopy combined with chemometrics for rapid assessment of cold-pressed grape seed oil adulteration: Qualitative and quantitative study**
Elmas S. N. K., ARSLAN F. N., Akin G., KENAR A., Janssen H., YILMAZ İ.
TALANTA, vol.196, pp.22-31, 2019 (SCI-Expanded)
- VII. **Rapid detection of authenticity and adulteration of cold pressed black cumin seed oil: A comparative study of ATR-FTIR spectroscopy and synchronous fluorescence with multivariate data analysis**
ARSLAN F. N., Akin G., Elmas S. N. K., YILMAZ İ., Janssen H., KENAR A.

FOOD CONTROL, vol.98, pp.323-332, 2019 (SCI-Expanded)

- VIII. **Chemometric classification and quantification of cold pressed grape seed oil in blends with refined soybean oils using attenuated total reflectance-mid infrared (ATR-MIR) spectroscopy**
Akin G., Elmas S. N. K., ARSLAN F. N., YILMAZ İ., KENAR A.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.100, pp.126-137, 2019 (SCI-Expanded)
- IX. **Spectrophotometric methods for the determination of fluoride ion using indole-3-acetic acid interaction with iron(III)**
Unal E. I., KENAR A., Aksu M. L., TAŞTEKİN M.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.2, pp.415-423, 2019 (SCI-Expanded)
- X. **Application of central composite design for the optimization of electrode surface composition for glucose biosensor fabrication**
Kocoglu I. O., Erden P. E., KENAR A., Kilic E.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.411, no.2, pp.413-425, 2019 (SCI-Expanded)
- XI. **Simultaneous determination of copper and zinc in brass samples by PCR and PLS1 methods using a multiple ion-selective electrode array**
Eylem C. C., TAŞTEKİN M., KENAR A.
TALANTA, vol.183, pp.184-191, 2018 (SCI-Expanded)
- XII. **Simultaneous determination of copper(II) and zinc(II) via simple acid-base titrimetry using glass pH electrode**
Cansu Ergun E. G., KENAR A.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.2, pp.257-263, 2018 (SCI-Expanded)
- XIII. **A Novel Two-Step Process to Co-valorize Antioxidant Rich By-products of Olive and Grape Processing Industries**
Karakaya A., KENAR A., Laleli Y., Takac S.
WASTE AND BIOMASS VALORIZATION, vol.8, no.3, pp.829-837, 2017 (SCI-Expanded)
- XIV. **Application of central composite design for the optimization of on-line solid phase extraction of Cu-2 (+) by calix[4]arene bonded silica resin**
Memon F. N., Ayyildiz H. F., KARA H., Memon S., KENAR A., Leghari M. K., Topkafa M., Sherazi S. T. H., Memon N. A., DURMAZ F., et al.
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.146, pp.158-168, 2015 (SCI-Expanded)
- XV. **Multivariate Analysis for Carbon Nanotube Production by Floating Catalyst Method**
SOYSAL F., Yalin M., Cicek B., KENAR A., Ozelge O.
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES, vol.23, no.3, pp.233-238, 2015 (SCI-Expanded)
- XVI. **A Chemometric Approach to Assess the Frying Stability of Cottonseed Oil Blends During Deep-Frying Process: I. Polar and Polymeric Compound Analyses**
ARSLAN F. N., KARA H., AYYILDIZ H. F., Topkafa M., TARHAN İ., KENAR A.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.90, no.8, pp.1179-1193, 2013 (SCI-Expanded)
- XVII. **Synthesis, Crystal Structure and Characterisation of a Novel Mononuclear Boron-Schiff Base Complex**
Bilgic R., ŞAHİN E., KENAR A., ATAKOL O., KAZAZ C.
MAIN GROUP METAL CHEMISTRY, vol.32, no.2, pp.85-92, 2009 (SCI-Expanded)
- XVIII. **Fullerene Production from Cathodic Deposits**
Sesli A., Mutlay I., Oymael M., KENAR A., Cicek B.
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES, vol.17, no.2, pp.151-158, 2009 (SCI-Expanded)
- XIX. **Nickel(II) complexes prepared from NNN type ligands and pseudohalogens - Synthesis, structure and thermal decomposition**
DİNCER KAYA F. N., Svoboda I., ATAKOL O., Ergun U., KENAR A., SARI M., EMREGÜL K. C.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.92, no.2, pp.617-624, 2008 (SCI-Expanded)
- XX. **2,2'-[1,1'-(propane-2,2-diylidimino)-diethylidene]diphenol**
Sahin E., Bilgic R., KENAR A., Atakol O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)

- XXI. **Heterodinuclear Ni(II)-Sn(II) complexes from reduced ONNO type Schiff base compounds**
Oz S., Arici C., EMREGÜL K. C., Ergun U., Atakol O., KENAR A.
Zeitschrift für Kristallographie, vol.222, no.5, pp.249-254, 2007 (SCI-Expanded)
- XXII. **A new sodium ion selective PVC-coated graphite rod electrode based on 4-amino-benzo-15-crown-5 derivatives of fullerenes**
KENAR A., Yuzer D., NAZIR H., Cicek B.
REVIEWS IN ANALYTICAL CHEMISTRY, vol.26, no.3, pp.219-228, 2007 (SCI-Expanded)
- XXIII. **Crystal structure of {Bis[N-(2-hydroxyethylamino)ethylsalicylaldiminato]-iron (III)} chloride**
KENAR A., Arici C., Aksu M., Tahir M., Durmus S., Atakol O.
Analytical Sciences, vol.17, no.4, pp.569-570, 2001 (SCI-Expanded)
- XXIV. **Simultaneous determination of C-60 and C-70 fullerenes by a spectrophotometric method**
Cicek B., KENAR A., NAZIR H.
FULLERENE SCIENCE AND TECHNOLOGY, vol.9, no.1, pp.103-111, 2001 (SCI-Expanded)
- XXV. **A nitrate-selective electrode based on tris(2,2',2'',-salicylideneimino)triethylamine**
Aslan N., KENAR A., Atakol O., Kilic E.
Analytical Sciences, vol.17, no.11, pp.1269-1272, 2001 (SCI-Expanded)
- XXVI. **The crystal structure of a dimeric complex formed between boric acid and N-2-hydroxyphenylsalicylaldimin**
Yalcin N., KENAR A., Arici C., Atakol O., Tastekin M.
Main Group Metal Chemistry, vol.24, no.4, pp.247-248, 2001 (SCI-Expanded)
- XXVII. **{[μ-N,N'-Bis(salicylidene)-1,3-propanediaminato]copper(II)} dichloromercury(II)**
Atakol O., Arici C., Tahir M., KENAR A., Ulku D.
Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.9, pp.1416-1418, 1999 (SCI-Expanded)
- XXVIII. **The non-aqueous titrimetric assay of the selected anti-inflammatory agents using tetra-n-butylammonium hydroxide as titrant**
Cakirer O., Kilic E., Atakol O., KENAR A.
Journal of Pharmaceutical and Biomedical Analysis, vol.20, no.1-2, pp.19-26, 1999 (SCI-Expanded)
- XXIX. **Crystal structure of dinicotinato-tetraaqua-copper(II)**
KENAR A., Arici C., Atakol O., Ulku D.
Analytical Sciences, vol.15, no.4, pp.399-400, 1999 (SCI-Expanded)
- XXX. **Crystal Structure of the N-(2-Salicylidene-ethyl)-ethanolaminato-dichloro-iron(III) Complex**
KENAR A., Atakol O., Tahir M., Ulku D.
Analytical Sciences, vol.14, no.2, pp.457-458, 1998 (SCI-Expanded)
- XXXI. **Some complexes of tin(II) and tin(IV) with ONO-type dihydroxy Schiff bases**
Tastekin M., KENAR A., Atakol O., Tahir M., Ulku D.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.28, no.10, pp.1727-1741, 1998 (SCI-Expanded)
- XXXII. **Crystal structure of tris-(N-salicylidene-benzylamino)cobalt(III), C₄₂H₃₆N₃O₃Co**
Sari M., Yagbasan R., ERCAN F., Atakol O., KENAR A.
Zeitschrift für Kristallographie - New Crystal Structures, vol.212, no.1, pp.185-187, 1997 (SCI-Expanded)
- XXXIII. **Some complexes of nickel(II) with ono type Schiff bases and their monoligand adducts. Part II**
Atakol O., KENAR A., Kabak M.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.27, no.1, pp.29-40, 1997 (SCI-Expanded)
- XXXIV. **(Cyclohexylamine-N){2-[(2-thiophenyl)-iminomethyl]phenolato-O,N,S} nickel(II)**
Tahir M., Ulku D., Atakol O., KENAR A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.52, no.9, pp.2178-2180, 1996 (SCI-Expanded)
- XXXV. **{4-methyl-2-[(2-oxidobenzylidene)amino]-phenolato(2-)-N,O,O'} (piperidine-N)-nickel(II)**
Atakol O., KENAR A., Ercan F., Sari M., Yagbasan R.
Acta Crystallographica Section C: Crystal Structure Communications, vol.52, no.8, pp.1881-1884, 1996 (SCI-

Expanded)

- XXXVI. **Potentiometric determination of relative basicities of aliphatic amines in pyridine**
KENAR A., Gunduz T., Kilic E.
ANALYTICA CHIMICA ACTA, vol.324, no.1, pp.57-60, 1996 (SCI-Expanded)
- XXXVII. **Redetermination of the crystal structure of tris(acetylacetonato)iron(III) (ferric acetylacetonate), C₃₀H₄₂FeO₁₂**
Kabak M., Elmali A., Ozbey S., Atakol O., KENAR A.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.211, no.11, pp.831-832, 1996 (SCI-Expanded)
- XXXVIII. **Conductimetric titrimetry for assay of selected antibiotics in non-aqueous media**
Kilic E., Koseoglu F., KENAR A., Akay M. A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.13, no.12, pp.1453-1458, 1995 (SCI-Expanded)
- XXXIX. **Titration in non-aqueous media: Part XVIII. Observation of the benzidine rearrangement reaction in acetonitrile**
GUNDUZ T., KILIC E., KENAR A., OZTAS S. G.
Analyst, vol.114, no.6, pp.727-730, 1989 (SCI-Expanded)
- XL. **Titration in non-aqueous media part xvi.* redoximetric titrations of hydrazine and some hydrazine derivatives with manganese(III) acetate in glacial acetic acid**
Gündüz T., Kiliç E., KENAR A., Gül Öztaş S. G.
The Analyst, vol.114, no.2, pp.227-229, 1989 (SCI-Expanded)
- XLI. **TITRATIONS IN NON-AQUEOUS MEDIA .11. BASICITIES OF OPEN-CHAIN AND CYCLIC POLYETHER DERIVATIVES OF ANILINE**
GUNDUZ T., GUNDUZ N., KILIC Z., KILIC E., KENAR A.
ANALYST, vol.113, no.6, pp.965-968, 1988 (SCI-Expanded)
- XLII. **Titration in non-aqueous media part VIII. Basicity order of alkylammonium acetates in the presence of mercury(II) Acetate in nitrobenzene - acetic acid mixture**
GUNDUZ T., GUNDUZ N., KILIC E., ATAKOL O., KENAR A.
The Analyst, vol.112, no.10, pp.1377-1379, 1987 (SCI-Expanded)
- XLIII. **Titration in non-aqueous media. Part IX. Potentiometric titrations of symmetrical aliphatic diamines and their schiff bases in different solvents**
GUNDUZ T., KILIC E., ATAKOL O., KENAR A.
The Analyst, vol.112, no.12, pp.1735-1738, 1987 (SCI-Expanded)
- XLIV. **Titration in non-aqueous media part VII. Effects of substituents on basicity of aniline**
GUNDUZ T., GUNDUZ N., KILIC E., KENAR A., ATAKOL O.
The Analyst, vol.112, no.10, pp.1373-1376, 1987 (SCI-Expanded)
- XLV. **Titration in non-aqueous media: Part IV. Solvent effects on basicity of aliphatic amines**
Gündüz T., Gündüz N., Kiliç E., KENAR A.
The Analyst, vol.3, pp.1345-1347, 1986 (SCI-Expanded)
- XLVI. **Titration in non-aqueous media part iii. basicity order of aniline, n-alkyl;- and n-aryl-substituted anilines and pyridine in nitrobenzene solvent**
Gündüz T., Gündüz N., Kiliç E., KENAR A.
The Analyst, vol.3, no.9, pp.1103-1105, 1986 (SCI-Expanded)
- XLVII. **Titration in non-aqueous media part II. basicity order of aliphatic amines in nitrobenzene solvent**
Gündüz T., Gündüz N., Kiliç E., KENAR A., Çetinel G.
The Analyst, vol.3, no.9, pp.1099-1101, 1986 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Simultaneous Determination Method for the Analysis of Chloride and Nitrate Ions in Air Samples by PLS1**
Kuş Ç., Ataş H. B., KENAR A., TAŞTEKİN M.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.10, no.1, pp.89-96, 2023 (Scopus)

- II. **Çok Değişkenli Kalibrasyon Teknikleri Kullanılarak Demir, Kobalt ve Nikelin Birlikte Spektrofotometrik Tayini**
KENAR A., TAŞTEKİN M., SAYGILI CANLIDİNÇ R., TALYAK BAĞDU C.
European Journal of Science and Technology, vol.35, pp.17-24, 2022 (Peer-Reviewed Journal)
- III. **ICP OES Kullanılarak Bitkilerdeki Makro ve Mikro Elementlerin Birlikte Tayininde Çok Değişkenli Kalibrasyon Tekniklerinin Uygulanması**
Daş Ö. B., KENAR A.
Bahçe, vol.45, no.1, pp.21-29, 2016 (Peer-Reviewed Journal)
- IV. **IODIDE-, THIOCYANATE- AND PERCHLORATE-SELECTIVE LIQUID MEMBRANE ELECTRODES BASED ON TRIS (2,2'xx,2'xx'xx -SALICYLIDENE-IMINO)TRIETHYLAMINE-IRON (III)**
Aslan N., KENAR A., ATAKOL O., KILIÇ E.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.25, no.1, pp.237-250, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Bölüm 35: Gerçek Numunelerin Analizi, Bölüm 36:Numunelerin Analize Hazırlanması, Bölüm 37: Numunelerin Parçalanması ve Çözünürleştirilmesi, Bölüm 38: Seçilmiş Analiz Yöntemleri**
Erden P. E., Kaçar Selvi C., İnal E. K., Kenar A., Kılıç E., Yılmaz H.
in: Fundamentals of Analytical Chemistry, Prof. Dr. Esmâ Kılıç, Prof. Dr. Hamza Yılmaz, Prof. Dr. Pınar Esra Erden, Editor, Bilim Kitabevi, Ankara, pp.959-986, 2023
- II. **Kalite Güvencesi ve Kalibrasyon Yöntemleri**
KENAR A., Adalet T., Özcan A., UYANIK A., SOLAK A. O., DEMİR C., ARPA ŞAHİN Ç., KENDÜZLER E., AYRANCI E., ERÇAĞ E., et al.
in: Nicel Kimyasal Analiz, Ali Rehber Türker, Editor, Palme Yayıncılık, pp.96-116, 2015
- III. **Örnek Hazırlama**
KENAR A., YAZICIGİL Z., KADIOĞLU Y., ZİYADANOĞULLARI R., YALÇINKAYA Ö., ACAR O., ŞENDİL O., SÖKMEN M., TAŞTEKİN M., DEMİR M., et al.
in: Nicel Kimyasal Analiz, Ali Rehber Türker, Editor, Palme Yayıncılık, pp.699-719, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Application of central composite design for the fabrication of a disposable histamine biosensor**
OKMAN İ., ERDEN P. E., KENAR A., KILIÇ E.
5th International Conference on Computation for Science and Technology (ICCSST 2018), 23 - 26 September 2018
- II. **Spermidin tayini için (biyo)sensör geliştirilmesi**
ÖZMEN D. T., ERDEN P. E., KENAR A., TAŞTEKİN M., KILIÇ E.
9. Ulusal Analitik Kimya Kongresi, Turkey, 19 - 23 September 2018
- III. **Synchronous fluorescence spectroscopy combined with chemometrics for authenticity and adulteration of cold-pressed black cumin (Nigella sativa L.) seed oils**
ARSLAN F. N., KARUK Ş. N., AKİN G., KENAR A., YILMAZ İ.
2nd European Conference on Science, Art Culture ECSAC 2018 Congress, Antalya, Turkey, 19 - 22 April 2018
- IV. **Determination of trans fatty acids in grape (Vitis vinifera L.) seed oils adulterated with refined oils by capillary GLC/FID method**
KARUK Ş. N., AKİN G., ARSLAN F. N., YILMAZ İ., KENAR A.
2nd European Conference on Science, Art Culture ECSAC 2018 Congress, Antalya, Turkey, 19 - 22 April 2018
- V. **Determination of cis-, trans-, saturated, monounsaturated, and polyunsaturated fatty acids in cold-pressed seed oils by capillary GLC-FID method**
ARSLAN F. N., AKİN G., SERİN A., KARUK Ş. N., TARHAN İ., KENAR A., YILMAZ İ.

2nd European Conference on Science, Art Culture ECSAC 2018 Congress Book of Abstract, Antalya, Turkey, 19 - 22 April 2018

- VI. **A case study of characteristic band selection in FT-IR spectroscopy: nondestructive detection of protein contents in wheat flour blends**
ARSLAN F. N., Akin G., Serin A., KARUK Ş. N., KENAR A., ÜNER B., YILMAZ İ.
The Internatinonal Conference on Materials Science Mechanical and Automation Engineerings and Technology in ÇEŞME, İzmir, Turkey, 10 - 12 April 2018
- VII. **FTIR spectroscopy combined multivariate data analysis based protein, fat, ash and moisture contents assay for cereal flours**
ARSLAN F. N., AKİN G., SERİN A., KARUK Ş. N., KENAR A., ÜNER B., YILMAZ İ.
The International Conference on Materials Science, Machine and Automotive Engineerings and Technology IMSMATEC 2018 Congress, İzmir, Turkey, 10 - 12 April 2018
- VIII. **A case study of characteristic band selection in FTIR spectroscopy: nondestructive detection of fatty acid contents in wheat flour blends**
ARSLAN F. N., AKİN G., YILDIRIM E., SERİN A., KARUK Ş. N., KENAR A., ÜNER B., YILMAZ İ.
The International Conference on Materials Science, Machine and Automotive Engineerings and Technology IMSMATEC 2018 Congress, İzmir, Turkey, 10 - 12 April 2018
- IX. **Multivariate Screening for Detection of Wheat Flour Adulteration: Application of Fourier Transform Infrared (FTIR) Spectroscopy with Chemometrics**
ARSLAN F. N., AKİN G., YILDIRIM E., KARUK Ş. N., KENAR A., ÜNER B., YILMAZ İ.
International Conference on Agriculture, Forest, Food Sciences and Technologies, ICAFOF 2018 Congress, İzmir, Turkey, 2 - 05 April 2018
- X. **Classification of Edible Oils According to Their Vitamin Contents by Employing ATR-FTIR Spectroscopy in Combination with Multivariate Statistical Analysis**
YILMAZ İ., ARSLAN F. N., KARUK Ş. N., Akin G., KENAR A.
1st International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 December 2017
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