

## Prof. AHMET CEYHAN GÖREN

### Personal Information

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### Biography

Ahmet C Goren (1973) graduated from the Department of Education in Chemistry, Atatürk University, Erzurum, Turkey. He has obtained his Ph.D. degree in the field of Natural Product Chemistry from Balıkesir University, Turkey in 2002. His thesis focused on the isolation and structure elucidation of secondary metabolites (especially on diterpenoids) of plant species. He worked as a researcher at TUBITAK Marmara Research Center (1999-2003) and collaborated with different research groups in the USA, Netherlands and Turkey on the topic of natural product chemistry and synthetic organic chemistry.

He worked at TUBITAK UME (Ulusal Metroloji Enstitüsü - National Metrology Institute of Turkey) as a senior researcher and Deputy Director and coordinates and manages many projects related with chemical metrology, clinical chemistry and energy related projects.

He was the CCQM delegates of Turkey in Organic Analysis Workin Group and CCQM. He was worked as a delegate of EURACHEM as well. He was managed the most prestigious and the biggest project of National Metrology Institute which is National Fuel Marker for 11 years. He is currently employed at Bezmialem Vakif University, Faculty of Pharmacy as a full time professor in Analytical Chemistry Division.

He is founder of ACG publications and the Co-Editor-in Chief of the scientific journal "Records of Natural Products" Executive editors of "Journal of Chemical Metrology" and "Organic Communications". He has more than 145 scientific publications in peer-reviewed journals (SCI, SCI-E) on the areas of natural product chemistry, synthetic organic chemistry and analytical chemistry. His "H" index is 27. He is also the master of felt and felt cloak which are special kinds of traditional handcraft and Turkish Carpet.

### Education Information

Post Doctorate, University Of Leiden, Faculty Of Science, Biology/Metabolomics, Netherlands 2005 - 2005

Post Doctorate, Virginia Polytechnic Institute And State University, Faculty Of Science, Moleküler Biyoloji, United States Of America 2002 - 2002

Doctorate, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Organik Kimya, Turkey 1997 - 2002

Postgraduate, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü (Necatibey Eğitim Fakültesi), Kimya Eğitimi, Turkey 1995 - 1997

Undergraduate, Atatürk Üniversitesi, Kazım Karabekir Eğitim Fakültesi, Kimya Öğretmenliği, Turkey 1991 - 1995

### Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Bazı Sideritis (Sideritis argyrea, Sideritis dichotoma, Sideritis trojana) Türlerinin Diterpenik Bileşenlerinin İzolasyonu ve Yapılarının Tayini, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2002

Postgraduate, Sideritis athoa Papanikkalou et Kokkini Bitkisinin Diterpen Bileşiklerinin İzolasyonu ve Yapı Karakterizasyonu, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Eğitimi, 1997

## Research Areas

Chemistry, Analytical Chemistry, Bioanalytical Methods, Mass Spectroscopy, Magnetic Resonance Spectroscopy, Spectroscopical Methods, Organic Chemistry, Plant Chemistry, Natural Sciences

## Academic Titles / Tasks

Professor, Bezmialem Vakıf University, Faculty Of Pharmacy, Analitik Kimya, 2018 - Continues

Associate Professor, KİMYASAL METROLOJİ LAB, ORGANİK KİMYA LAB., 2005 - 2018

Research Assistant, Balıkesir Üniversitesi, Necatibey Eğitim Fakültesi, Kimya Öğretmenliği, 1995 - 1999

## Academic and Administrative Experience

Director of the Center, Bezmialem Vakıf University, 2019 - Continues

Principal Investigator, TÜBİTAK ULUSAL METROLOJİ ENSTİTÜSÜ, 2004 - 2005

## Courses

İlaç Keşfinde Doğal Ürünlerin Önemi ve Hızlı Tarama Yöntemleri, Doctorate, 2019 - 2020

Spectroscopic Methods and their Use in Natural Product Analysis, Postgraduate, 2018 - 2019, 2019 - 2020

Seminer, Postgraduate, 2019 - 2020

Graduation Project II, Undergraduate, 2018 - 2019, 2019 - 2020

1D and 2D NMR Techniques in Structure Elucidation of Molecules, Doctorate, 2018 - 2019, 2019 - 2020

Farmakognoziye Kimyasal ve Kromatografik Ayırma Yöntemleri, Doctorate, 2019 - 2020

Bitirme Projesi Dersi I, Undergraduate, 2019 - 2020

Quality Systems and Accreditation, Undergraduate, 2019 - 2020

Eczacılık Temel Kimya ve sayısal Bilimler, Undergraduate, 2019 - 2020

Seconder Metabolitlerin Biyosentezi, Doğal Kaynaklardan Eldesi ve Yapı Tayini, Doctorate, 2018 - 2019, 2019 - 2020

Natural Products and Importance in Drug Discovery, Doctorate, 2018 - 2019, 2019 - 2020

Quality Control and Analysis, Undergraduate, 2018 - 2019

## Advising Theses

GÖREN A. C. , Yeni Sekonder Sülfonamidlerin Sentezi ve in vitro Karbonik Anhidraz İzoenzimleri Üzerine İnhibisyon Aktivitelerinin, Doctorate, T.Gökçen(Student), 2017

GÖREN A. C. , Et ve Sütte sülfonamid bileşiklerinin ID LC-MS yöntemiyle analiz, Doctorate, I.Aydın(Student), 2016

GÖREN A. C. , Plastik maddeler içerisinde PBDE ve PBB bileşiklerinin GC-IDMS yöntemiyle tayini, Doctorate, B.Binici(Student), 2014

GÖREN A. C. , Yeni meso-indol-BODIPYtürevlerinin sentezi, Doctorate, A.Enis(Student), 2014

GÖREN A. C. , 3-Hidroksiflavon temelli organik ve polimerik floresans sensörlerin geliştirilmesi, Doctorate,

S.Gündüz(Student), 2013

GÖREN A. C. , Bazı Sideritis (Sideritis niveotomentosa, Sideritis hololeuca, Sideritis brevidens) Türlerinin Diterpenik Bileşenlerinin İzolasyonu ve Yapılarının Tayini, Doctorate, S.Çarıkcı(Student), 2010

## Designed Lessons

Gören A. C. , Quality Systems and Accreditation, Undergraduate, 2019 - 2020

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Saponins from Twenty-Two Cephalaria Species**  
Sarıkahya N. B. , GÖREN A. C. , Okkali G. S. , Kirmizigül S.  
RECORDS OF NATURAL PRODUCTS, vol.15, no.6, pp.537-546, 2021 (Journal Indexed in SCI)
- II. **Anticholinergic, Antidiabetic and Antioxidant Activities of Ferula orientalis L. Determination of Its Polyphenol Contents by LC-HRMS**  
Kızıldağ H., GÖREN A. C. , Bingöl Z., Alwasel S. H. , GÜLÇİN İ.  
RECORDS OF NATURAL PRODUCTS, vol.15, no.6, pp.513-528, 2021 (Journal Indexed in SCI)
- III. **Chemical composition and biological activities of Cypriot propolis**  
NALBANTSOY A., SARIKAHYA N., Ozverel C. S. , Barlas A. B. , Kirci D., AKGÜN İ. H. , Yalcin T., Duven G., KIŞLA D., DEMİRCİ B., et al.  
JOURNAL OF APICULTURAL RESEARCH, 2021 (Journal Indexed in SCI)
- IV. **Chemical composition and biological activities of propolis samples from different geographical regions of Turkey**  
Böke Sarıkahya N., GÖREN A. C. , Sümer Okkali G., Çöven F. O. , Orman B., Kirci D., YÜCEL B., Kışla D., Demirci B., ALTUN M., et al.  
Phytochemistry Letters, vol.44, pp.129-136, 2021 (Journal Indexed in SCI)
- V. **Antiproliferative effects of Turkish pomegranate (Punica granatum L.) extracts on MCF-7 human breast cancer cell lines with focus on antioxidant potential and bioactive compounds analyzed by LC-MS/MS**  
Eroglu Ozkan E., SEYHAN M. F. , Kurt Sirin O., Yilmaz- Ozden T., Ersoy E., Hatipoglu Cakmar S. D. , Goren A. C. , Yilmaz Aydogan H., Ozturk O.  
JOURNAL OF FOOD BIOCHEMISTRY, 2021 (Journal Indexed in SCI)
- VI. **Identification of natural compounds of Jurinea species by LC-HRMS and GC-FID and their bioactivities**  
SARIKAHYA N., Okkali G. S. , Celenk V. U. , Mertoglu E., Pekmez M., Arda N., TOPÇU G., GÖREN A. C.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.202, 2021 (Journal Indexed in SCI)
- VII. **LC-HRMS Profiling and Antidiabetic, Anticholinergic, and Antioxidant Activities of Aerial Parts of Kinkor (Ferulago stellata)**  
Kızıldağ H., Bingöl Z., GÖREN A. C. , Kose L. P. , DURMAZ L., Topal F., Alwasel S. H. , GÜLÇİN İ.  
MOLECULES, vol.26, no.9, 2021 (Journal Indexed in SCI)
- VIII. **Cytotoxic and apoptotic effects of Hypericum androsaemum on prostate adenocarcinoma (PC-3) and hepatocellular carcinoma (Hep G2) cell lines with identification of secondary metabolites by LC-HRMS**  
Bektas N. Y. , Ersoy E., BOĞA M., Boran T., ÇINAR E., Ozhan G., GÖREN A. C. , Ozkan E. E.  
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.5, pp.1621-1658, 2021 (Journal Indexed in SCI)
- IX. **Ent-kaurene Diterpenoids from Sideritis lycia with Antiviral and Cytotoxic Activities**  
Kilic T., TOPÇU G., GÖREN A. C. , AYDOĞMUŞ Z., KARAGÖZ A., Yildiz Y. K. , Aslan I.  
RECORDS OF NATURAL PRODUCTS, vol.14, no.4, pp.256-268, 2020 (Journal Indexed in SCI)
- X. **Diterpenoid and phenolic contents of Sideritis hololeuca Boiss & Heldr. Apud Bentham with**

**antioxidant and anticholinesterase activity**

Carikci S., GÖREN A. C. , Kilic T.

Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.75, pp.161-169, 2020 (Journal Indexed in SCI)

- XI. **The phenolic contents, antioxidant and anticholinesterase activity of section *Amaracus* (*Gled.*) *Vogel* and *Anatolicon* *Ietsw.* of *Origanum L.* species**  
Ozer Z., GÖREN A. C. , Kilic T., Oncu M., Carikci S., Dirmenci T.  
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.4, pp.5027-5039, 2020 (Journal Indexed in SCI)
- XII. **Anti-Alzheimer, antidiabetic and antioxidant potential of *Satureja cuneifolia* and analysis of its phenolic contents by LC-MS/MS**  
Taslimi P., KÖKSAL E., GÖREN A. C. , Bursal E., Aras A., Kilic O., Alwasel S., GÜLÇİN İ.  
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.3, pp.4528-4537, 2020 (Journal Indexed in SCI)
- XIII. **Anticholinergic and antioxidant activities of avocado (*Folium perseae*) leaves - phytochemical content by LC-MS/MS analysis**  
Kose L. P. , Bingol Z., Kaya R., GÖREN A. C. , Akincioglu H., DURMAZ L., KÖKSAL E., Alwasel S. H. , GÜLÇİN İ.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.23, no.1, pp.878-893, 2020 (Journal Indexed in SCI)
- XIV. **Composition of the essential oil of *Satureja metastasiantha*: a new species for the flora of Turkey**  
Carikci S., GÖREN A. C. , Dirmenci T., Yalcinkaya B., Erkucuk A., TOPÇU G.  
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.75, pp.271-277, 2020 (Journal Indexed in SCI)
- XV. **Phytochemical Screening, Antioxidant and Anticholinesterase Activity of *Origanum amanum* Post Endemic to Turkey**  
Carikci S., GÖREN A. C. , Kilic T., Dirmenci T.  
ZEITSCHRIFT FUR ARZNEI- & GEWURZPFLANZEN, vol.25, no.1, pp.4-8, 2020 (Journal Indexed in SCI)
- XVI. **Simultaneous determination of several flavonoids and phenolic compounds in nineteen different *Cephalaria* species by HPLC-MS/MS**  
Boke Sarikahya N., GÖREN A. C. , Kirmizigul S.  
Journal of Pharmaceutical and Biomedical Analysis, vol.173, pp.120-125, 2019 (Journal Indexed in SCI)
- XVII. **Phenolic compounds from the aerial parts of *Clematis viticella L.* and their in vitro anti-inflammatory activities\***  
Kırmızıbekmez H., İnan Y., Reis R., Sipahi H., Gören A. C. , Yeşilada E.  
Natural Product Research, vol.33, no.17, pp.2541-2544, 2019 (Journal Indexed in SCI)
- XVIII. **Sage (*Salvia pilifera*): determination of its polyphenol contents, anticholinergic, antidiabetic and antioxidant activities**  
GÜLÇİN İ., Tel A. Z. , GÖREN A. C. , Taslimi P., Alwasel S. H.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.13, no.3, pp.2062-2074, 2019 (Journal Indexed in SCI)
- XIX. ***Quercus pyrenaica* Honeydew Honey With High Phenolic Contents Cause DNA Damage, Apoptosis, and Cell Death Through Generation of Reactive Oxygen Species in Gastric Adenocarcinoma Cells**  
KOÇYİĞİT A., Aydogdu G., BALKAN E., Yenigun V. B. , GÜLER E. M. , BULUT H., KÖKTAŞOĞLU F., Goeren A. C. , Atayoglu A. T.  
INTEGRATIVE CANCER THERAPIES, vol.18, 2019 (Journal Indexed in SCI)
- XX. **Practical and theoretical considerations for the determination of delta C-13(VPDB) values of methylmercury in the environment**  
Dunn P. J. H. , Bilsel M., Simsek A., Goren A. C. , Tunc M., Ogrinc N., Horvat M., Goenaga-Infante H.  
RAPID COMMUNICATIONS IN MASS SPECTROMETRY, vol.33, no.13, pp.1122-1136, 2019 (Journal Indexed in SCI)
- XXI. **Measurement of anticancer, antidiabetic and anticholinergic properties of sumac (*Rhus coriaria*): analysis of its phenolic compounds by LC-MS/MS**  
Tohma H., ALTAY A., KÖKSAL E., Goren A. C. , GÜLÇİN İ.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.13, no.2, pp.1607-1619, 2019 (Journal Indexed in SCI)
- XXII. **Different propolis samples, phenolic content, and breast cancer cell lines: Variable cytotoxicity**

**ranging from ineffective to potent**

Seyhan M. F., Yilmaz E., Timirci-Kahraman O., Saygili N., Kisakesen H. I., Gazioglu S., Goren A. C., Eronat A. P., Ceviz A. B., Ozturk T., et al.

IUBMB LIFE, vol.71, no.5, pp.619-631, 2019 (Journal Indexed in SCI)

- XXIII. **Phytochemical content, antioxidant activity, and enzyme inhibition effect of *Salvia eriophora* Boiss. & Kotschy against acetylcholinesterase, alpha-amylase, butyrylcholinesterase, and alpha-glycosidase enzymes**

Bursal E., Aras A., Kilic O., Taslimi P., Goren A. C., GÜLÇİN İ.

JOURNAL OF FOOD BIOCHEMISTRY, vol.43, no.3, 2019 (Journal Indexed in SCI)

- XXIV. **Oligomer based real-time detection of microorganisms producing nuclease enzymes**

Mozioglu E., Akyurek S., Gunduz S., Akgoz M., Goren A. C., Kocagoz T.

ANALYST, vol.144, no.4, pp.1379-1385, 2019 (Journal Indexed in SCI)

- XXV. **Anticholinergic, antidiabetic and antioxidant activities of cinnamon (*cinnamomum verum*) bark extracts: polyphenol contents analysis by LC-MS/MS**

GÜLÇİN İ., Kaya R., GÖREN A. C., Akincioglu H., Topal M., Bingol Z., Cakmak K. C., Sarikaya S. B. O., DURMAZ L., Alwasel S.

INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.22, no.1, pp.1511-1526, 2019 (Journal Indexed in SCI)

- XXVI. **Report on key comparison CCQM-K138: determination of aflatoxins (AFB(1), AFB(2), AFG(1), AFG(2) and total AFs) in dried fig**

Bilsel M., Goren A. C., Gokcen T., Gunduz S., Koch M., Kakoulides E., Giannikopoulou P., Wai-tong G. T., Chan A., Kneeteman E., et al.

METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)

- XXVII. **CCQM-K131 Low-polarity analytes in a multicomponent organic solution: polycyclic aromatic hydrocarbons (PAHs) in acetonitrile**

Duewer D. L., Sander L. C., Wise S. A., Lippa K., Philipp R., Hein S., Hackenberg R., Polzer J., Avila M. A., Serrano V., et al.

METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)

- XXVIII. **Mass fraction assignment of Amino Acids in acidic aqueous solution (CCQM-K78.a)**

Westwood S., Josephs R., Choteau T., Daireaux A., Wielgosz R., Melanson J., Thibeault M., Meija J., Quan C., Hongmei L., et al.

METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)

- XXIX. **Lessons learned from inter-laboratory studies of carbon isotope analysis of honey**

DUNN P. J. H., HILL S., COWEN S., GOENAGA-INFANTE H., SARGENT M., Goren A. C., BILSEL M., SIMSEK A., OGRINC N., POTOCNIK D., et al.

SCIENCE & JUSTICE, vol.59, no.1, pp.9-19, 2019 (Journal Indexed in SCI)

- XXX. **High polarity analytes in food - enrofloxacin and sulfadiazine in bovine tissue (CCQM-K141)**

Windust A., McRae G., Meija J., Mester Z., Melanson J. E., Croft M., Johnston L., Murby J., do Rego E. C. P., Violante F. G. M., et al.

METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)

- XXXI. **CCQM-K95.1 Low-polarity analytes in a botanical matrix: polycyclic aromatic hydrocarbons (PAHs) in tea**

Duewer D. L., Murray J. A., Wood L. J., Wise S. A., Sander L. C., Lippa K., Hein S., Koch M., Philipp R., Werneburg M., et al.

METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)

- XXXII. **Final Report on Key Comparison SIM.QM-K27: Ethanol in Aqueous Matrix**

do Rego E. C. P., Rodrigues J. M., de Carvalho L. J., Monteiro T. M., da Cunha V. S., Roa L. J. B., Morales L. V., Ferreira E., Silva A., Barriga R., et al.

METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)

- XXXIII. **High polarity analytes in biological matrix: determination of urea and uric acid in human serum (CCQM-K109)**

Liu Q., Liu H., Chen Y., Yong S., Teo H. L., Wong L., Teo T. L., Vamathevan V., do Rego E. C. P., Wollinger W., et al.

- METROLOGIA, vol.56, 2019 (Journal Indexed in SCI)
- XXXIV. **Evaluation of the in vitro Anti-inflammatory Activity of Nerium oleander L. Flower Extracts and Activity-Guided Isolation of the Active Constituents**  
Balkan I. A. , Goren A. C. , Kirmizibekmez H., Yesilada E.  
RECORDS OF NATURAL PRODUCTS, vol.12, no.2, pp.128-141, 2018 (Journal Indexed in SCI)
- XXXV. **Enzyme inhibitory and antioxidant activities of Nerium oleander L. flower extracts and activity guided isolation of the active components**  
Balkan I. A. , Dogan H. T. , Zengin G., ÇOLAK N., AYAZ F. A. , Goren A. C. , Kirmizibekmez H., Yesilada E.  
INDUSTRIAL CROPS AND PRODUCTS, vol.112, pp.24-31, 2018 (Journal Indexed in SCI)
- XXXVI. **CCQM-K11.2 Determination of Glucose in Human Serum and CCQM-K12.2 Determination of Creatinine in Human Serum**  
Wise S. A. , Phinney K. W. , Duewer D. L. , Sniegoski L. T. , Welch M. J. , Pritchett J., Pabello G., Avila Calderon M. A. , Balderas M., Liu Qinde L. Q. , et al.  
METROLOGIA, vol.55, 2018 (Journal Indexed in SCI)
- XXXVII. **Mass fraction assignment of folic acid in a high purity material**  
Westwood S., Josephs R., Choteau T., Daireaux A., Stoppacher N., Wielgosz R., Davies S., do Rego E. C. P. , Wollinger W., Garrido B. C. , et al.  
METROLOGIA, vol.55, 2018 (Journal Indexed in SCI)
- XXXVIII. **CCQM-K6.2 Determination of Total Cholesterol in Human Serum**  
Wise S. A. , Phinney K. W. , Duewer D. L. , Sniegoski L. T. , Welch M. J. , Pabello G., Avila Caldero M. A. , Liu Qinde L. Q. , Kooi L. T. , Rego E., et al.  
METROLOGIA, vol.55, 2018 (Journal Indexed in SCI)
- XXXIX. **Synthesis of Novel meso-Indole- and meso-Triazatruxene-BODIPY Dyes**  
Sadak A. E. , Goren A. C. , BOZDEMİR Ö. A. , SARAÇOĞLU N.  
CHEMISTRYSELECT, vol.2, no.32, pp.10512-10516, 2017 (Journal Indexed in SCI)
- XL. **Screening of Hallucinogenic Compounds and Genomic Characterisation of 40 Anatolian Salvia Species**  
HATİPOĞLU S. D. , YALCINKAYA B., AKGOZ M., OZTURK T., Goren A. C. , Topcu G.  
PHYTOCHEMICAL ANALYSIS, vol.28, no.6, pp.541-549, 2017 (Journal Indexed in SCI)
- XLI. **Screening of Chemical Composition, Antioxidant and Anticholinesterase Activity of Section Brevifilamentum of Origanum (L.) Species**  
YILMAZ H., Carikci S., Kilic T., Dirmenci T., ARABACI T., Goren A. C.  
RECORDS OF NATURAL PRODUCTS, vol.11, no.5, pp.439-455, 2017 (Journal Indexed in SCI)
- XLII. **Sambulin A and B, non-glycosidic iridoids from Sambucus ebulus, exert significant in vitro anti-inflammatory activity in LPS-induced RAW 264.7 macrophages via inhibition of MAPKs's phosphorylation**  
Balkan I. A. , Akulke A. Z. I. , Bagatur Y., Telci D., Goren A. C. , Kirmizibekmez H., Yesilada E.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.206, pp.347-352, 2017 (Journal Indexed in SCI)
- XLIII. **Syntheses and evaluation of multicaulin and miltirone-like compounds as antituberculosis agents**  
Burmaoglu S., Secinti H., MOZIOĞLU E., Goren A. C. , Altundas R., SEÇEN H.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.878-884, 2017 (Journal Indexed in SCI)
- XLIV. **Antioxidant activity and phenolic compounds of ginger (Zingiber officinale Rosc.) determined by HPLC-MS/MS**  
Tohma H., GÜLÇİN İ., Bursal E., Goren A. C. , ALWASEL S. H. , KÖKSAL E.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.11, no.2, pp.556-566, 2017 (Journal Indexed in SCI)
- XLV. **Secondary Sulfonamides as Effective Lactoperoxidase Inhibitors**  
KÖKSAL Z., Kalin R., Camadan Y., Usanmaz H., Almaz Z., GÜLÇİN İ., GOKCEN T., Goren A. C. , ÖZDEMİR H.  
MOLECULES, vol.22, no.6, 2017 (Journal Indexed in SCI)
- XLVI. **Determination of neurotoxic agents as markers of common vetch adulteration in lentil by LC-MS/MS**

- Ghasemi N, SEÇEN H, YILMAZ H, BINICI B, Goren A. C.  
FOOD CHEMISTRY, vol.221, pp.2005-2009, 2017 (Journal Indexed in SCI)
- XLVII. **APMP-QM-S8: determination of mass fraction of benzoic acid, methyl paraben and n-butyl paraben in soy sauce**  
Teo T. L. , Gui E. M. , Lu T., Cheow P. S. , Giannikopoulou P., Kakoulides E., Lampi E., Choi S., Yip Y., Chan P.  
METROLOGIA, vol.54, 2017 (Journal Indexed in SCI)
- XLVIII. **Antioxidant activity and polyphenol content of Turkish thyme (*Thymus vulgaris*) monitored by liquid chromatography and tandem mass spectrometry**  
KÖKSAL E., Bursal E., GÜLÇİN İ., KORKMAZ M., Caglayan C., Goren A. C. , ALWASEL S. H.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, no.3, pp.514-525, 2017 (Journal Indexed in SCI)
- XLIX. **CCQM-K140: carbon stable isotope ratio delta values in honey**  
Dunn P. J. H. , Goenaga-Infante H., Goren A. C. , Simsek A., Bilsel M., Ogrinc N., Armishaw P., Hai L.  
METROLOGIA, vol.54, 2017 (Journal Indexed in SCI)
- L. **CCQM-K132: low-polarity analytes in a biological matrix: vitamin D metabolites in human serum**  
Wise S. A. , Tai S. S. , Duewer D. L. , Bedner M., Camara J. E. , Lippa K. A. , Qinde L., Kang D., Kim B., Quan C.  
METROLOGIA, vol.54, 2017 (Journal Indexed in SCI)
- LI. **CCQM-K102: polybrominated diphenyl ethers in sediment**  
Ricci M., Shegunova P., Conneely P., Becker R., Maldonado Torres M., Arce Osuna M., On T. P. , Man L. H. , Baek S., Kim B.  
METROLOGIA, vol.54, 2017 (Journal Indexed in SCI)
- LII. **CCQM-K104 key comparison (ivermectin B(1)a) on the characterization of organic substances for chemical purity**  
Dai X., Zhang W., Li H., Huang T., Li M., Quan C., Zhang Q., Davies S. R. , Warren J., Lo M.  
METROLOGIA, vol.54, 2017 (Journal Indexed in SCI)
- LIII. **Metabolic profile and biological activity of *Sideritis brevibracteata* P. H. Davis endemic to Turkey**  
Sagir Z. O. , Carikci S., Kilic T., Goren A. C.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, no.12, pp.2994-3005, 2017 (Journal Indexed in SCI)
- LIV. **A class of sulfonamides as carbonic anhydrase I and II inhibitors**  
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- V. **Kırk Sekiz Farklı Salvia Türünün Antioksidan, Antikolinesteraz, Antimikrobiyal Aktiviteleri ve Uçucu Organik Bileşiklerinin İncelenmesi**  
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- GÖREN A. C. , Other Supported Projects, BIPM Mycotoxin Metrology Capacity Building & Knowledge Transfer, 2016 - Continues
- GÖREN A. C. , Other Supported Projects, Methods for the SI Value Assignment of the Purity of Organic Compounds, 2015 - Continues
- GÖREN A. C. , Project Supported by Other Private Institutions, Türkiye Petrolleri Firması İçin Performans Katığı Geliştirilmesi ve Üretimi, 2013 - Continues
- GÖREN A. C. , Project Supported by Other Private Institutions, OPET Firması İçin Firma Marker Geliştirme Projesi (Proje Koordinatörü olarak görev alındı). Kurumdan ayrılma dolayısıyla görev sona erdi., 2012 - 2018
- GÖREN A. C. , Project Supported by Other Private Institutions, ALPET Firması için Performans Katığı ve Firma Markeri Geliştirilmesi (Proje Koordinatörü olarak görev alındı). Kurumdan ayrılma dolayısıyla görev sona erdi., 2011 - 2018
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- GÖREN A. C. , TUBITAK Project, Yenidoğan Metabolik Hastalıkları-Sertifikalı Referans Malzeme (SRM) Projesi, 2014 - 2017
- GÖREN A. C. , TUBITAK Project, Türkiye'de yetişen *Origanum L. (Lamiaceae)* Türleri üzerinde Taksonomik, Moleküler, Kimyasal ve Karyolojik araştırmalar. Revizyonu., 2013 - 2016
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- GÖREN A. C. , TUBITAK Project, Türkiyede Yetişen Endemik *Sideritis* türlerinin ( *Sideritis hololeuca*, *S. brevidence*, *S. tmolea*, *S. niveotomentosa*, *S. gülendami*) Terpen bileşenlerinin tayini ve biyolojik aktivitelerinin belirlenmesi., 2006 - 2010
- GÖREN A. C. , Project Supported by Other Private Institutions, GC,GC/MS, LC/MS and ICP MS kullanılarak yeni Biyokimyasal ölçüm yöntemleri ve kitlerinin geliştirilmesi, 2005 - 2007
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GÖREN A. C. , Project Supported by Higher Education Institutions, Benzosiklo heptan sistemlerinde Allen ve Alkin Sentezleri, 1995 - 1998

## Patent

Gören A. C. , Nitrik oksit tayini için yeni bir kızıltötesi (NIR) floresan prob, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: TR 2017 15152 B , Initial Registration, 2020

Mozioğlu E., Akyürek S., Gündüz S., Akgöz M., Gören A. C. , Kocagöz Z. T. , Method for rapid identification of microorganisms producing nuclease enzymes, Patent, CHAPTER A Human Needs, The Invention Registration Number: US2020/0017898A1 , Registration in Multiple Countries, 2020

GÖREN A. C. , THIENOTHIOPHENE/DITHIENOTHIOPHENE - TRIPHENYLAMINE/TETRAPHENYLETHYLENE DERIVATIVES FOR ORGANIC LIGHT EMITTING DIODES, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, Initial Registration, 2018

GÖREN A. C. , THIENOTHIOPHENE - BORON (DONOR-ACCEPTOR) BASED MATERIALS FOR ORGANIC LIGHT EMITTING DIODES, Patent, CHAPTER C Chemistry; Metallurgy, Initial Registration, 2018

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## Activities in Scientific Journals

BioTechnology: An Indian Journal, Committee Member, 2010 - Continues

Organic Communications, Editor, 2008 - Continues

Records of Natural Products, First Editor, 2007 - Continues

Journal of Chemical Metrology, Editor, 2007 - Continues

## Memberships / Tasks in Scientific Organizations

Kimyagerler Derneği, Member, 2014 - Continues

Türkiye Kimya Derneği, Member, 1999 - Continues

## Tasks In Event Organizations

Gören A. C. , 10. Kozmetik Kongresi, Scientific Congress, Antalya, Turkey, Şubat 2020

Gören A. C. , 7th DRUG CHEMISTRY CONGRESS, Scientific Congress, Antalya, Turkey, Mart 2018

## **Edit Congress and Symposium Activities**

8. Uluslararası İlaç Kongresi, Invited Speaker, Antalya, Turkey, 2020  
10. Kozmetik Kongresi, Invited Speaker, Antalya, Turkey, 2020  
Türkiye’de mevcut olan taęşıř sorunları ve kozmetik ürünlerde taęşıř, Working Group, Antalya, Turkey, 2020  
Reliability and validity of dietary supplements, Working Group, Antalya, Turkey, 2020  
XXVII. BALKAN CLINICAL LABORATORY FEDERATION MEETING BCLF 2019 , Working Group, Antalya, Turkey, 2019  
7. International Drug Chemistry Conference, Invited Speaker, Antalya, Turkey, 2019  
Workshop Regional Metrologia de Micotoxinas , Invited Speaker, Buenos Aires, Argentina, 2018  
5th. Annual Mass Spectrometry Application to the clinical Lab (MSACL), Invited Speaker, Salzburg, Austria, 2018  
Ahmet C. GörenCCQM comparison experience in mycotoxins: CCQM-K138/P174” isimli davetli konuşma sunuş  
Workshop Regional Metrologia de Micotoxinas 2018, Attendee, Buenos Aires, Argentina, 2018  
2. International Halal and Healthy Food Congress, Invited Speaker, Konya, Turkey, 2013  
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## **Citations**

Total Citations (WOS):3107

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## **Non Academic Experience**

TUBITAK, TÜBİTAK ULUSAL METROLOJİ ENSTİTÜSÜ