

Prof. Ahmet MAVİ

Personal Information

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Address: Atatürk Üniversitesi, Kazım Karabekir Eğitim Fakültesi, Kimya Eğitimi Ana Bilim Dalı, Dekanlık Binası, 311 numara

Education Information

Doctorate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 2000 - 2005

Postgraduate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Eğitimi, Turkey 1997 - 2000

Undergraduate, Atatürk Üniversitesi, Kâzım Karabekir Eğitim Fakültesi, Kimya Öğretmenliği, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, İnsan Eritrosit ve Lökositlerinden Süperoksit Dismutaz Enziminin Saflaştırılması ve Bazı İlaçların Enzim Üzerine Etkilerinin İncelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2005

Postgraduate, Polygonum cognatum Meissn. (Madımak) ve Rumex crispus L. (Evelik) Bitkilerinin Antioksidant Aktivitelerinin Mukayesesi, Atatürk Üniversitesi, Kâzım Karabekir Eğitim Fakültesi, Kimya Eğitimi, 2000

Research Areas

Computer Sciences, Software, Chemical Engineering and Technology, Biotechnology, Biomedical Engineering, Life Sciences, Biotechnology, Biomaterial, Chemistry, Biochemistry, Enzyme Kinetics, Organic Chemistry, Chemistry of Natural Products, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2015 - Continues
Associate Professor, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2010 - 2015

Assistant Professor, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2005 - 2010

Research Assistant, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 1998 - 2005

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Kâzım Karabekir Eğitim Fakültesi,

Courses

Genel Kimya, Undergraduate, 2020 - 2021
Biyokimya II, Undergraduate, 2016 - 2017, 2019 - 2020, 2020 - 2021
Öğretmenlik Uygulaması II, Undergraduate, 2019 - 2020, 2020 - 2021
Biyokimya, Undergraduate, 2018 - 2019, 2020 - 2021
Biyokimya-I, Undergraduate, 2019 - 2020, 2020 - 2021
Enstrümental Analiz, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
LabVIEW Uygulamaları, Doctorate, 2018 - 2019, 2019 - 2020, 2020 - 2021
Yazılım, Undergraduate, 2019 - 2020
Öğretmenlik Uygulaması, Undergraduate, 2017 - 2018
Biyoteknoloji, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Biyokimya, Undergraduate, 2017 - 2018, 2018 - 2019
Besin Kimyası, Undergraduate, 2017 - 2018
Biyokimya Laboratuvarı, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017

Advising Theses

MAVİ A., Deneysel Meme Kanseri Modelinde Disülfiram Yüklü Nanoparçacıkların Antikanser Etkisinin İncelenmesi, Postgraduate, K.Solak(Student), 2017
MAVİ A., Linalool Monomerinden Plazma Polimerizasyonu İle Antibakteriyal İnce Film Elde Edilmesi, Postgraduate, K.Çakmak(Student), 2017
MAVİ A., Bazı Bileşiklerin Emülsiyon, Lipozom ve Radikal Ortamındaki Antioksidan Davranışlarının İncelenmesi, Postgraduate, L.Durmaz(Student), 2011
MAVİ A., İlköğretim Beşinci Sınıf Öğrencilerine Isı Ve Sıcaklık Konusunun Laboratuvar Yöntemiyle Öğretilmesinin Başarıya Etkisi, Postgraduate, M.Serdar(Student), 2011

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, July, 2019

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

- I. **Magnetic nanoparticle mediated-gene delivery for simpler and more effective transformation of *Pichia pastoris***
Yildiz S., Solak K., Acar M., MAVİ A., ÜNVER Y.
NANOSCALE ADVANCES, vol.3, pp.4482-4491, 2021 (Journal Indexed in SCI)
- II. **Photovoltaic performance of non-covalent functionalized single-layer graphene in dye-sensitized solar cells (DSSCs)**
İÇMAN E., BAYRAM Ö., MAVİ A., HASAR U. C. , Simsek O.
JOURNAL OF MATERIALS SCIENCE, vol.56, no.6, pp.4184-4196, 2021 (Journal Indexed in SCI)
- III. **Disulfiram-loaded functionalized magnetic nanoparticles combined with copper and sodium nitroprusside in breast cancer cells**
Solak K., MAVİ A., YILMAZ B.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.119, 2021 (Journal Indexed in SCI)

- IV. **Efficient sequestration of carbon dioxide into calcium carbonate using a novel carbonic anhydrase purified from liver of camel (*Camelus dromedarius*)**
Chafik A., El Hassani K., Essamadi A., Celik S., Mavi A.
JOURNAL OF CO₂ UTILIZATION, vol.42, 2020 (Journal Indexed in SCI)
- V. **A novel acid phosphatase from cactus (*Opuntia megacantha* Salm-Dyck) cladodes: Purification and biochemical characterization of the enzyme**
Chafik A., Essamadi A., Çelik S., MAVİ A.
International Journal of Biological Macromolecules, vol.160, pp.991-999, 2020 (Journal Indexed in SCI)
- VI. **Thin films derived from Zn(Al)O mixed metal oxides nanoparticles dispersed in polyethylene glycol: Structural, morphological and optical properties**
El Hassani K., BAYRAM Ö., Anouar A., MAVİ A.
CERAMICS INTERNATIONAL, vol.46, no.10, pp.14733-14738, 2020 (Journal Indexed in SCI)
- VII. **Tumor Homing Reactive Oxygen Species Nanoparticle for Enhanced Cancer Therapy**
Cho H., MAVİ A., Chueng S. D., Pongkulapa T., Pasquale N., Rabie H., Han J., Kim J. H., Kim T., Choi J., et al.
ACS APPLIED MATERIALS & INTERFACES, vol.11, no.27, pp.23909-23918, 2019 (Journal Indexed in SCI)
- VIII. **Purification and biochemical characterization of a novel copper, zinc superoxide dismutase from liver of camel (*Camelus dromedarius*): An antioxidant enzyme with unique properties**
Chafik A., Essamadi A., Celik S., MAVİ A.
Bioorganic Chemistry, vol.86, pp.428-436, 2019 (Journal Indexed in SCI Expanded)
- IX. **Plasma polymerized linalool (ppLin): an antimicrobial and biocompatible coating**
ÇAKMAK K., BAYRAM Ö., SOLAK K., KABAN G., ŞİMŞEK Ö., MAVİ A.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.1, pp.323-334, 2019 (Journal Indexed in SCI)
- X. **Partial Purification and Some Interesting Properties of Glutathione Peroxidase from Liver of Camel (*Camelus dromedarius*)**
Chafik A., ESSAMADİ A., ÇELİK S., SOLAK K., MAVİ A.
Russian Journal of Bioorganic Chemistry, vol.44, no.1, pp.41-51, 2018 (Journal Indexed in SCI Expanded)
- XI. **Purification of camel liver catalase by zinc chelate affinity chromatography and pH gradient elution: An enzyme with interesting properties**
Chafik A., ESSAMADİ A., Celik S., MAVİ A.
Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, vol.1070, pp.104-111, 2017 (Journal Indexed in SCI Expanded)
- XII. **Nanomaterials and the Microbial Sphere**
SOLAK K., MAVİ A., ERGON T., SEZEN A., ALGUR Ö. F.
NANOSCIENCE AND NANOTECHNOLOGY LETTERS, vol.9, no.5, pp.609-623, 2017 (Journal Indexed in SCI)
- XIII. **INHIBITION OF IRON-FRUCTOSE-PHOSPHATE-INDUCED LIPID PEROXIDATION IN LECITHIN LIPOSOME AND LINOLEIC ACID EMULSION SYSTEMS BY SOME EDIBLE PLANTS**
MAVİ A., LAWRENCE G. D., KORDALI Ş., YILDIRIM A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.35, no.3, pp.833-844, 2011 (Journal Indexed in SCI)
- XIV. **Antioxidant phenolics from *Lobaria pulmonaria* (L.) Hoffm. and *Usnea longissima* Ach. lichen species**
ATALAY F., HALICI M. B., MAVİ A., Cakir A., Odabasoglu F., KAZAZ C., Aslan A., KÜFREVİOĞLU Ö. İ.
TURKISH JOURNAL OF CHEMISTRY, vol.35, no.4, pp.647-661, 2011 (Journal Indexed in SCI)
- XV. **Relationship Between Chemical Structure and Antioxidant Activity of Luteolin and Its Glycosides Isolated from *Thymus sipyleus* subsp. *sipyleus* var. *sipyleus***
Ozgen U., MAVİ A., TERZİ Z., KAZAZ C., AŞCI A., KAYA Y., SEÇEN H.
RECORDS OF NATURAL PRODUCTS, vol.5, no.1, pp.12-21, 2011 (Journal Indexed in SCI)
- XVI. **Antioxidant and antimicrobial activity of Turkish endemic *Sonchus erzincanicus* extracts**
MAVİ A., YİĞİT N., YİĞİT D., KANDEMİR A.
TURKISH JOURNAL OF BIOLOGY, vol.35, no.2, pp.243-250, 2011 (Journal Indexed in SCI)
- XVII. **Antioxidant and antimicrobial activities of bitter and sweet apricot (*Prunus armeniaca* L.) kernels**

YİĞİT D., YİĞİT N., MAVİ A.

BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH, vol.42, no.4, pp.346-352, 2009 (Journal Indexed in SCI)

- XVIII. Antioxidant and Antimicrobial Activities of Methanol and Water Extracts of Fruits, Leaves and Seeds of *Vitis vinifera* L. cv. Karaerik**
YİĞİT D., YİĞİT N., MAVİ A., YILDIRIM A., Gueleryuez M.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.1, pp.183-194, 2009 (Journal Indexed in SCI)
- XIX. Promotion by phosphate of Fe(III)- and Cu(II)-catalyzed autoxidation of fructose**
Lawrence G. D. , MAVİ A., Meral K.
CARBOHYDRATE RESEARCH, vol.343, no.4, pp.626-635, 2008 (Journal Indexed in SCI)
- XX. Antimicrobial and antioxidant activities of some plants used as remedies in Turkish traditional medicine**
Unal E. L. , Mavi A., KARA A., ÇAKIR A., Sengul M., Yildirim A.
PHARMACEUTICAL BIOLOGY, vol.46, no.3, pp.207-224, 2008 (Journal Indexed in SCI)
- XXI. Effects of some drugs on purified human erythrocyte CuZnSOD and in vitro inhibitory effect of 5-fluorouracil on leukocyte total SOD activity**
Mavi A., Kufrevioglu Ö. İ. , Yildirim A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.21, no.2, pp.235-239, 2006 (Journal Indexed in SCI)
- XXII. Antioxidant properties of some medicinal Lamiaceae (Labiatae) species**
Ozgen U., Mavi A., Terzi Z., Yildirim A., Coskun M., Houghton P.
PHARMACEUTICAL BIOLOGY, vol.44, no.2, pp.107-112, 2006 (Journal Indexed in SCI)
- XXIII. Antioxidant activities of the extracts and components of *Teucrium orientale* L. var. *orientale***
ÇAKIR A., Mavi A., Kazaz C., Yildirim A., Kufrevioglu Ö. İ.
TURKISH JOURNAL OF CHEMISTRY, vol.30, no.4, pp.483-494, 2006 (Journal Indexed in SCI)
- XXIV. Determination of the chemical composition and antioxidant activity of the essential oil of *Artemisia dracunculus* and of the antifungal and antibacterial activities of Turkish *Artemisia absinthium*, *A-dracunculus*, *Artemisia santonicum*, and *Artemisia spicigera* essential oils**
Kordali S., Kotan R., Mavi A., Cakir A., Ala A., Yildirim A.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.53, no.24, pp.9452-9458, 2005 (Journal Indexed in SCI)
- XXV. Screening of chemical composition and antifungal and antioxidant activities of the essential oils from three Turkish *Artemisia* species**
Kordali S., ÇAKIR A., MAVİ A., KILIÇ H., Yildirim A.
Journal of Agricultural and Food Chemistry, vol.53, no.5, pp.1408-1416, 2005 (Journal Indexed in SCI)
- XXVI. The variation of antioxidant activities and chemical composition of essential oils of *Teucrium orientale* L. var. *orientale* during harvesting stages**
Yildirim A., Cakir A., Mavi A., Yalcin M., Fauler G., Taskesenligil Y.
FLAVOUR AND FRAGRANCE JOURNAL, vol.19, no.5, pp.367-372, 2004 (Journal Indexed in SCI)
- XXVII. Antioxidant properties of some medicinal plants: *Prangos ferulacea* (Apiaceae), *Sedum sempervivoides* (Crassulaceae), *Malva neglecta* (Malvaceae), *Cruciata taurica* (Rubiaceae), *Rosa pimpinellifolia* (Rosaceae), *Galium verum subsp verum* (Rubiaceae), *Urtica dioica* (Urticaceae)**
Mavi A., Terzi Z., Ozgen U., Yildirim A., Coskun M.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.27, no.5, pp.702-705, 2004 (Journal Indexed in SCI)
- XXVIII. Screening chemical composition and in vitro antioxidant and antimicrobial activities of the essential oils from *Origanum syriacum* L. growing in turkey**
ALMA M. H. , Mavi A., Yildirim A., DIĞRAK M., HİRATA T.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.26, no.12, pp.1725-1729, 2003 (Journal Indexed in SCI)
- XXIX. Isolation and characterization of antioxidant phenolic compounds from the aerial parts of *Hypericum hyssopifolium* L. by activity-guided fractionation**
ÇAKIR A., MAVİ A., YILDIRIM A., DURU M., HARMANDAR H., Kazaz C.
JOURNAL OF ETHNOPHARMACOLOGY, vol.87, no.1, pp.73-83, 2003 (Journal Indexed in SCI)

- XXX. **Antioxidant and antimicrobial activities of Polygonum cognatum Meissn extracts**
Yildirim A., MAVİ A., KARA A. A.
Journal of the Science of Food and Agriculture, vol.83, no.1, pp.64-69, 2003 (Journal Indexed in SCI)
- XXXI. **Determination of antioxidant and antimicrobial activities of Rumex crispus L. extracts**
Yıldırım A., Mavi A., Kara A. A.
Journal of Agricultural and Food Chemistry, vol.49, pp.4083-4089, 2001 (Journal Indexed in SCI)
- XXXII. **Comparison of antioxidant and antimicrobial activities of tilia (Tilia argentea desf ex DC), sage (Salvia triloba L.), and black tea (Camellia sinensis) extracts**
Yildirim A., Mavi A., Oktay M., Kara A., Algur O., Bilaloglu V.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.48, no.10, pp.5030-5034, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Characterization of an interesting selenium-dependent glutathione peroxidase (Se-GPx) protecting cells against environmental stress: The Camelus dromedarius erythrocytes Se-GPx**
Chafik A., Essamadi A., Yıldırım Çelik S., Solak K., MAVİ A.
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY, vol.18, 2019 (Refereed Journals of Other Institutions)
- II. **The Structure Characterization of n-InSe Single Crystal, THALES International Journal Of Thales Engineering Sciences (Jthes) Issn (Online): 2528-5297, 29-34, 2016.**
GÜRBULAK B., ASHKHASI A., ERZENEÖĞLU S. Z. , ŞATA M., DUMAN S., MAVİ A.
International Journal Of Thales Engineering Sciences, 2016 (Other Refereed National Journals)
- III. **The Structure Characterization of n InSe Single Crystal**
GÜRBULAK B., ASHKHASI A., ERZENEÖĞLU S. Z. , ŞATA M., DUMAN S., MAVİ A.
International Journal of Thales Natural Sciences, vol.1, 2016 (Non-Refreed Journal)
- IV. **The Structure Characterization of N- Inse Single Cyristal**
GÜRBULAK B., Ashkhasi A., ERZENEÖĞLU S. Z. , ŞATA M., DUMAN S., MAVİ A.
, International Journal of Thales Natural Sciences (IJTNS), vol.1, no.1, pp.29-34, 2016 (Other Refereed National Journals)

Books & Book Chapters

- I. **Principles of Chemistry: A Molecular Approach**
Köksal E. (Editor), Mavi A. (Editor), Denizli A. (Editor)
Nobel Akademi Yayıncılık, Ankara, 2021
- II. **Analyzing and Presenting Data with LabVIEW**
Mavi A., Özmen A., Ertuğrul M.
in: LabVIEW A Flexible Environment for Modeling and Daily Laboratory Use, IntechOpen, Editor, IntechOpen, London, pp.1-38, 2021
- III. **LabVIEW Uygulamaları 1**
Mavi A., Ertuğrul M.
Ertaul Akademik Yayıncılık, Erzurum, 2016
- IV. **Elementlerin Periyodik Özellikleri**
MAVİ A.
in: Genel Kimya Moleküler Bir Yaklaşımla Kimyanın İlkeleri, Ekrem Köksal, Adil Denizli, Editor, Nobel, 2016
- V. **Sinyal Ölçümü ve Sinyal Üretimi: Veri Toplama, LabVIEW'de Veri Toplama, LabVIEW'de Cihaz Kontrol**
MAVİ A., CEVİZ M. A. , AYDIN S., MUTLU K., DAŞ A.
in: Herkes İçin LabVIEW 2, Ahmet Mavi, Editor, PEGEM Akademi, 2013
- VI. **LabVIEW'in Temelleri, Biraz Daha Altyapı, Yapılarla Programın İşleyişini Kontrol Etme**

DEMİR Y., ERTUĞRUL M., MAVİ A., AŞKIN F., YURTCAN M. T., DUMAN S.

in: Herkes İçin LabVIEW 1, Ahmet Mavi, Editor, PEGEM Akademi, 2012

VII. **LabVIEW’de Çizelgeler ve Grafikler**

Demir Y., Ertuğrul M., Aşkın F., Yurtcan M. T., Duman S., Ceviz M. A., Aydın S., Kundakçı M., Daş A., Mavi A. (Editor)

in: Herkes için LabVIEW 1, Ahmet MAVİ, Editor, Pegem A Yayıncılık, Ankara, pp.295-371, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Alternating Magnetic Field Mediated Heat Inducible Gene Expression System**
Acar M., Solak K., Yıldız Ş., ÜNVER Y., MAVİ A.
World Congress on Applied Nanotechnology (W-CAN), Turkey, 24 November 2021
- II. **Purification of Carbonic Anhydrase Enzyme with Sulfanilamide Bonded Magnetic Nanoparticles**
Çelik S., Mavi A., Solak K.
5th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 21 - 23 September 2021, pp.2-3
- III. **Loading and Elution of DNA from Nanoparticles in a Cell-free System**
Turhan F., Solak K., Kalakenger S., Ünver Y., Mavi A.
IGSCONG'21 Uluslararası Lisansüstü Çalışmalar Kongresi, Balıkesir, Turkey, 17 - 20 June 2021, pp.728-729
- IV. **Investigation of Magnetofection Conditions to Improve Transfection Efficiency by Using Magnetofectin Including a Reporter Gene**
Yıldız Ş., Solak K., Kalakenger S., Acar M., Mavi A., Ünver Y.
9th International Molecular Biology and Biotechnology Congress, Kars, Turkey, 6 - 10 December 2020, pp.48
- V. **A Novel Gene Delivery Method for Transformation of Yeasts Used in the Production of Biopharmaceutical Proteins**
Yıldız Ş., Solak K., Acar M., Ünver Y., Mavi A.
2nd International Conference on Preventive Medicine, 25 - 28 November 2020, pp.24
- VI. **Synthesis of Magnetic Nanoparticles for Biomedical Applications and Their Use in Magnetic Hyperthermia**
Acar M., Solak K., Kalakenger S., Yıldız Ş., Ünver Y., Mavi A.
2nd International Conference on Preventive Medicine, 25 - 28 November 2020, pp.25
- VII. **Nanomaterials for Cancer Immunotherapy**
Solak K., MAVİ A.
iSAMN 2019, Kuala Lumpur, Malaysia, 19 - 20 August 2019, pp.31-33
- VIII. **Comparison of Silica Coating Processes of Magnetic Nanoparticle**
Solak K., MAVİ A., Yıldız Ş., Acar M., ÜNVER Y.
iSAMN 2019, Kuala Lumpur, Malaysia, 19 - 20 August 2019, pp.79-81
- IX. **Comparison of Silica Coating Processes of Magnetic Nanoparticle**
Solak K., Mavi A., Yıldız Ş., Acar M., Ünver Y.
iSAMN 2019, Kuala-Lumpur, Malaysia, 19 - 20 August 2019, pp.79-81
- X. **Nanomaterials for Cancer Immunotherapy**
Solak K., MAVİ A.
iSAMN 2019, Kuala Lumpur, Malaysia, 19 - 20 August 2019, pp.31-33
- XI. **Evaluation Neuroprotective Effects of Origanum Majorana Extract on Fe₃O₄@SiO₂ NPs Induced Toxicity in Cortex Culture**
Sezen S., Taghizadehghalehjoughi A., Yeni Y., Genç S., Güllüce M., Hacımüftüoğlu A., Mavi A., Solak K.
International IVEK BIO Congress, İstanbul, Turkey, 26 - 28 November 2018, pp.211
- XII. **Evaluation Neuroprotective Effects of Origanum Majorana Extract on Fe₃O₄@SiO₂ NPs Induced Toxicity in Cortex Culture**
Sezen S., Taghizadehghalehjoughi A., Yeni Y., Genç S., Güllüce M., Hacımüftüoğlu A., Mavi A., Solak K.
International Ivek BIO Congress, İstanbul, Turkey, 26 - 28 November 2018, pp.211

- XIII. **Catechin for Cancer Immunotherapy**
SOLAK K., MAVI A.
ISASE2018, 26 - 28 November 2018
- XIV. **Preparation of Fe₃O₄ Magnetic Nanoparticles for DNA Loading**
YILDIZ Ş., SOLAK K., ACAR M., ÜNVER Y., MAVI A.
2nd International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018, vol.3
- XV. **Evaluation neuroprotective effects of Origanum majorana extract on Fe₃O₄@SiO₂ NPs induced toxicity in cortex culture**
Sezen S., TAGHIZADEHGHALEHJOUGHİ A., Yeni Y., Genç S., GÜLLÜCE M., HACİMÜFTÜOĞLU A., MAVI A., Solak K.
IVEK Bio, 28 - 30 November 2018
- XVI. **2D Power Mapping Of N/P/P/Al Crystalline Silicon Solar Cells**
EFEOĞLU H., ES F., ÖZERBAŞ z. e. , MAVI A., TURAN R.
PVCON2018, Ankara, Turkey, 4 - 06 July 2018
- XVII. **The Tensile Properties of Nanosized Fe₃O₄- Organoclay Linear Low Density Polyethylene (LLDPE) Nanocomposite**
GÜRSES A., EROĞLU Z., MAVI A., SOLAK K.
46. World Chemistry Congress (IUPAC 2017), 9 - 14 July 2017
- XVIII. **Delivery of Anticancer Disulfiram by Nanoparticles**
SOLAK K., MAVI A., YILMAZ B.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XIX. **The Characterization of N InSe Single Crystal**
GÜRBULAK B., Ashkhasi A., ERZENEĞLU S. Z. , ŞATA M., DUMAN S., MAVI A.
International Physics Conference at the Anatolian Peak, 25 - 27 February 2016
- XX. **The Characterization of N Inse Single Crystal**
GÜRBULAK B., Ashkhasil A., ERZENEĞLU S. Z. , ŞATA M., DUMAN S., MAVI A.
The first International Physics Conference at the Anatolian Peak, IPCAP 2016, 25 - 27 February 2016
- XXI. **Generation of Linalool Thin Films by Plasma Polymerization**
KAPLAN F., ÇAKMAK K., BAYRAM Ö., ŞİMŞEK Ö., MAVI A., KOTAN R.
International Physics Conference at the Anatolian Peak (IPCAP 2016), 26 - 28 February 2016
- XXII. **Simple Low Cost and Easy to Implementable Package of SiC Diode for High Temperature Applications**
ERTUĞRUL M., HASAR U. C. , SÖNMEZ E., TATAR D., MAVI A., BALTA V.
57th Electronic Materials Conference, 24 - 26 June 2015
- XXIII. **Low Cost and Easy to Implementable Package of SiC Diodefor High Temperature Applications**
ERTUĞRUL M., TATAR D., SÖNMEZ E., MAVI A., BALTA V.
57th Electronic Materials Conference, Columbus, United States Of America, 24 - 26 June 2015
- XXIV. **Fuel temperature control in LPG fuelled SI engines**
CEVİZ M. A. , ÖNER İ. V. , KALELİ A., MAVI A., Sen A.
IEEE International Conference on Electro/Information Technology (EIT), 6 - 08 May 2012, pp.1-4
- XXV. **LOBARİA PULMONARİA L HOFFM VE USNEA LONGİSSİMA ACH LİKEN TÜRLERİNDEN ELDE EDİLEN ANTİOKSİDAN BİLEŞİKLER**
DUMLU F., HALICI M. B. , MAVI A., ÇAKIR A., ODABAŞOĞLU F., KAZAZ C., ASLAN A., KÜFREVOĞLU Ö. İ.
23. ULUSAL BİYOKİMYA KONGRESİ, Turkey, 29 November - 02 December 2011
- XXVI. **Lobaria pulmonaria (L.), Hoffm. ve Usnea longissima liken türlerinden izole edilen antioksidan fenolik bileşikler**
ATALAY F., HALICI M. B. , MAVI A., ÇAKIR A., ODABAŞOĞLU F., KAZAZ C., ASLAN A., KÜFREVOĞLU Ö. İ.
25.Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.110
- XXVII. **Synthesis and characterization LiCoO₂ and LiNi_{1-x}CoxO₂ for lithium ion batteries**
Yılmaz M., Turgut G., Aydın S., Yurtcan M. T. , Sönmez E., Mavi A., Ertuğrul M.
7th Nanoscience and Nanotechnology Conference, Istanbul, Turkey, 2011, İstanbul, Turkey, 27 June - 01 July 2011, pp.4

- XXVIII. **Relationship between chemical structure and antioxidant activity of luteolin and its glycosides isolated from *Thymus sipyleus* subsp *sipyleus* var *sipyleus***
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Non Academic Experience

University, Rutgers University, Department of Chemistry and Chemical Biology

Other Public Institution, Milli Eğitim Bakanlığı