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International Researcher IDs

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Education Information

Doctorate, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Organik Kimya), Turkey 1985 - 1990

Postgraduate, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Analitik Kimya), Turkey 1982 - 1985

Undergraduate, Hacettepe University, Kimya Fakültesi, Kimyagerlik, Turkey 1976 - 1981

Dissertations

Doctorate, Bazı aromatik halkaların norbornadienli türevleri üzerinde extended Hückel moleküler orbital (EHMO) hesaplamalar, Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı (Organik Kimya), 1990

Postgraduate, STEROİDLERİN KÜTLE SPEKTROMETRİK İNCELENMESİ, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Kimya (Analitik Kimya), 1985

Research Areas

Chemistry, Organic Chemistry, Chemistry of Asymmetric Synthesis, Chemistry of Dyes and Pigments, Organic Spectroscopy, Natural Sciences

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2004 - 2018

Assistant Professor, Mersin University, Fen Edebiyat Fakültesi, Kimya, 1997 - 2004

Assistant Professor, Adnan Menderes Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1995 - 1997

Assistant Professor, Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 1991 - 1995

Research Assistant, Cumhuriyet Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1981 - 1990

Academic and Administrative Experience

Mersin University, Kimya, 1998 - 1999

Adnan Menderes Üniversitesi, Kimya, 1995 - 1997

Courses

Organik Kimya-II, Undergraduate, 2020 - 2021
Organik Kimya Lab., Undergraduate, 2021 - 2022
Organik Kimya, Undergraduate, 2020 - 2021
Organik Analiz, Undergraduate, 2020 - 2021
Organik Kimya (Ziraat Fak. TBY Bl.), Undergraduate, 2020 - 2021
Organik Kimya-I, Undergraduate, 2020 - 2021

Advising Theses

AYDIN F., Yeni Bir Oksidatif Reaktif Sentezi ve Uygulamaları (Tetrakis-(2,4,6-trimetilpridin) Gümüş Dikromat, Postgraduate, S.DERSİN(Student), 2016
AYDIN F., Yeni Amit ve N-Aroil-N'-alkil/aritiyoürelerin Sentezi ve Çeşitli Anyonlarla Hidrojen Etkileşimlerinin İncelenmesi, Postgraduate, E.DAĞCI(Student), 2011
AYDIN F., Yeni 3,3'-Dibenzoil-1,1'-(Alkil/Aril)ditiyoürelerin Sentezi ve Yapılarının Spektroskopik Yöntemlerle Aydınlatılması, Postgraduate, D.AYKAÇ(Student), 2009
AYDIN F., Yeni Bis-azo Boyar Maddelerin Sentezi ve Yapılarının Spektroskopik Yöntemlerle İncelenmesi, Postgraduate, M.PAMUK(Student), 2007
AYDIN F., Yeni Bir Cr(VI) Oksidant Sentezi ve Kullanım Alanı: Hekzametilentetraamonyumflorokramat (HMTAFC), Postgraduate, E.TURUNÇ(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, Spectral Properties, Crystal Structure and DFT Studies of 2,2'-diamino-4,4'-(propane-2,2'-diyl)-Diphenol**
AYDIN F., Arslan N. B.
Journal of Chemical Crystallography, vol.53, no.4, pp.529-539, 2023 (SCI-Expanded)
- II. **Synthesis, spectral properties, crystal structure and theoretical calculations of a new geminal diamine: 2,2,2-Trichloro- N,N '-bis(2-nitrophenyl)-ethane-1,1-diamine**
Aydın F., Arslan B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1232, pp.129976-129985, 2021 (SCI-Expanded)
- III. **Experimental and theoretical investigation of N-(4-Nitrobenzoyl)-S-(2-hydroxyethyl)-carbamodithioate**
Arslan N. B., AYDIN F., KAZAK C.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.196, no.12, pp.1084-1092, 2021 (SCI-Expanded)
- IV. **N-Benzoyl-S-(undecyl)-dithiocarbamate: Synthesis, characterization, X-ray single crystal structure, thermal behavior and computational studies**
AYDIN F., Arslan N. B., Aslan K.
JOURNAL OF MOLECULAR STRUCTURE, vol.1203, 2020 (SCI-Expanded)
- V. **Experimental and theoretical investigation of N-(4-nitrobenzoyl)-S-(cyclohexyl)-dithiocarbamate, N-(4-nitrobenzoyl)-S-benzylidithiocarbamate**
Arslan N. B., KAZAK C., AYDIN F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1155, pp.646-653, 2018 (SCI-Expanded)
- VI. **Tautomerism in 4-chlorophenyl benzoylcarbamodithioate: Experimental and DFT study**
AYDIN F., Arslan N. B., Özdemir N.
Journal of Molecular Structure, vol.1137, pp.233-239, 2017 (SCI-Expanded)
- VII. **Possible chemical mechanism and determination of inhibitory effects of 1-MCP on superficial scald**

of the Granny Smith apple variety

EKİNCİ N., Seker M., AYDIN F., GÜNDOĞDU M. A.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.1, pp.38-44, 2016 (SCI-Expanded)

- VIII. **Synthesis, spectroscopic and structural characterisation of two p-nitrobenzamide compounds: experimental and DFT study**
Arslan N. B., KAZAK C., AYDIN F.
MOLECULAR PHYSICS, vol.113, no.6, pp.608-621, 2015 (SCI-Expanded)
- IX. **Synthesis, Characterization, and Crystal Structure of Bis[4-(3'-benzoyl)thiocarbamidophenyl] ether**
AYDIN F., AYKAÇ D., ARSLAN N. B., KAZAK C.
CRYSTALLOGRAPHY REPORTS, vol.59, no.7, pp.955-960, 2014 (SCI-Expanded)
- X. **Molecular structure, spectroscopic properties and quantum chemical calculations of a novel 2,2' -Dicarboxy-4,4' -(propane-2,2-di-yl)diphenol**
AYDIN F., ALPASLAN G., Unver H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1076, pp.704-712, 2014 (SCI-Expanded)
- XI. **Synthesis of Two Novel Aroyl Thioureas and Their Use as Anion Binding Receptors**
AYDIN F., TUNOĞLU N., Aykaç D.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.5, pp.2455-2458, 2013 (SCI-Expanded)
- XII. **Synthesis, spectroscopic characterization, x-ray structure and DFT studies on N-(4-nitrobenzoyl)-N'-(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)-pyrazoleyl)-thiourea,**
Arslan N. B., Kazak C., AYDIN F.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.89, pp.30-38, 2012 (SCI-Expanded)
- XIII. **N-(4-Nitrobenzoyl)-N'-(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)-pyrazolyl)-thiourea hydrate: Synthesis, spectroscopic characterization, X-ray structure and DFT studies**
Arslan N. B., KAZAK C., AYDIN F.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.89, pp.30-38, 2012 (SCI-Expanded)
- XIV. **Synthesis, Spectral Properties and Structure of New Novel 3,3'-Dibenzoyl-1,1'-(propan-1,3-diyl)-bisthiourea**
AYDIN F., Aykaç D., Unver H., Iskeleli N. O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.42, no.4, pp.381-387, 2012 (SCI-Expanded)
- XV. **Synthesis and structural X-ray analysis of 1,1'-(naphthalene-1,8-diyl)-3,3'-dibenzoyl-bisthiourea and its use as anion-binding receptor**
AYDIN F., TUNOĞLU N., Aykac D., Arslan N. B., Kazak C.
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.5, pp.764-777, 2012 (SCI-Expanded)
- XVI. **Extented Hückel Calculation on Some Norbornenyl-Fused aromatic Compounds**
AYDIN F., Özkan R.
Asian Journal of Chemistry, vol.23, no.7, pp.3165-3168, 2011 (SCI-Expanded)
- XVII. **Experimental and ab initio computational studies on N-(4-nitrobenzoyl)-N'-(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)-pyrazolyl)-thiourea**
Arslan N. B., KAZAK C., AYDIN F.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.67, 2011 (SCI-Expanded)
- XVIII. **Spectroscopic Studies and Structure of 4-(3-Benzoylthioureido)benzoic Acid**
Aydın F., Unver H., Aykaç D., Iskeleli N. O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.12, pp.1082-1086, 2010 (SCI-Expanded)
- XIX. **Synthesis of New N-Benzoyl-S-alkyl/aryl-dithiocarbamates**
AYDIN F., Aykaç D., Dağcı E.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.5, pp.3881-3884, 2010 (SCI-Expanded)
- XX. **Degradation of Poly(vinyl chloride) onto KF-Al₂O₃**
AYDIN F., Basan S.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.2, pp.1339-1346, 2010 (SCI-Expanded)

- XXI. **3-carboxypyridinium trifluoroacetatochromate and 3-carboxypyridinium trichloroacetatochromate, two new and efficient reagents for the oxidation of alcohols, benzylic hydrocarbons and polycyclic aromatic compounds**
Aydin F., Özen R.
ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, vol.39, no.6, pp.616-620, 2007 (SCI-Expanded)
- XXII. **The use of pyridinium fluorochromate (PFC) supported on TriSyl silica gel for oxidation reactions**
Aydin F., Turunç E.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.72, no.2, pp.129-132, 2007 (SCI-Expanded)
- XXIII. **Oxidation of thiols to disulfides with molecular oxygen in subcritical water**
Özen R., Aydin F.
MONATSHFTE FÜR CHEMIE, vol.137, no.3, pp.307-310, 2006 (SCI-Expanded)
- XXIV. **3-carboxypyridinium trichloroacetatochromate (CPTCAC): as a mild and effective new reagent for the thiols to disulfides**
Aydin F., Özen R.
JOURNAL OF CHEMICAL RESEARCH, no.4, pp.224-226, 2005 (SCI-Expanded)
- XXV. **Hexamethylenetetrammonium fluorochromate. A new reagent for oxidation of organic substrates**
Turunç E., Aydin F.
ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, vol.36, no.4, pp.363-366, 2004 (SCI-Expanded)
- XXVI. **Potassium fluoride/alumina mediated simple synthesis of Hantzsch 1,4-dihydropyridines**
AYDIN F., Özen R.
JOURNAL OF CHEMICAL RESEARCH, no.7, pp.486-487, 2004 (SCI-Expanded)
- XXVII. **Removal of water-soluble cationic dyes with TriSyl silicas**
Karadag E., Saraydin D., Aydin F.
TURKISH JOURNAL OF CHEMISTRY, vol.22, no.3, pp.227-236, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis of a novel compound with indenoquinoxaline-pyrazole moieties and its colorimetric ion sensor properties**
AYDIN F.
Journal of Materials and Electronic Devices, vol.5, pp.42-47, 2023 (Peer-Reviewed Journal)
- II. **Synthesis and structural characterization and DFT calculations of the organic salt crystal obtaining 9-aminoacridine and picric acid: 9-Aminoacridinium picrate**
Aydin F., Arslan N. B.
European Journal of Chemistry, vol.14, no.3, pp.376-384, 2023 (Peer-Reviewed Journal)
- III. **A new colorimetric sensor based on semithiocarbazone for some anions: 2-(1,3-dioxo-1,3-dihydro-2H-inden-2-ylidene)-N-phenylhydrazine-1-carbothioamide**
AYDIN F.
Journal of New Results in Science, vol.12, no.2, pp.108-117, 2023 (Peer-Reviewed Journal)
- IV. **The crystal magnification, characterization, X-ray single crystal structure, thermal behavior, and computational studies of the 2,4,6-trimethylpyridinium picrate**
Arslan N. B., Aydin F.
European Journal of Chemistry, vol.13, no.4, pp.468-477, 2022 (Scopus)
- V. **Synthesis, Crystal Structure and Cyclic Voltammetric Behavior of N-aroyle-N'-(4'-cyanophenyl)thioureas**
Aydin F., Arslan N. B.
MOLBANK, vol.2022, no.1, pp.1316, 2022 (Scopus)
- VI. **A new oxidative reagent synthesis and its applications: Tetrakis-(2,4,6-trimethylpyridine)silver(I) dichromate (T-TMPSDC)**
AYDIN F., Dersin S.

- EUROPEAN JOURNAL OF CHEMISTRY, vol.8, no.2, pp.174-178, 2017 (Peer-Reviewed Journal)
- VII. **1,3,1',3'-(Dinaphthalene-1,8-diyl)bisthiourea**
AYDIN F.
MOLBANK, no.4, 2016 (ESCI)
- VIII. **Synthesis and recognition properties of colorimetric anion chemosensor bearing 2,4-dinitrophenylhydrazone and indene-1,3-dione moieties**
Aydın F.
EUROPEAN JOURNAL OF CHEMISTRY, vol.5, no.2, pp.370-373, 2014 (Peer-Reviewed Journal)
- IX. **N,N'-Bis-(4-nitrophenylcarbamothioyl)phthalamide**
Aydın F., Dağcı E.
MOLBANK, vol.2013, no.4, pp.809, 2013 (Scopus)
- X. **Investigation of Cold Storage Conditions of Arbutus Unedo Fruits.**
EKİNCİ N., AYDIN F., ŞEKER M.
The Journal of Ege University Faculty of Agriculture, no.1, pp.47-51, 2013 (Peer-Reviewed Journal)
- XI. **Investigation of Cold Storage Conditation of Arbutus unedo L. Fruits"**
EKİNCİ N., AYDIN F., ŞEKER M.
The Journal of Ege University Faculty of Agricultura, vol.1, pp.47-51, 2013 (Peer-Reviewed Journal)
- XII. **N,N'-(4-nitrophenylcarbamothioyl)phthalamide**
AYDIN F., DAĞCI E.
molbank, vol.2, pp.1-5, 2013 (Scopus)
- XIII. **N,N'-Bis-(2,5-dimethyl-3-oxo-1-phenyl-2,3-dihydro-1H-pyrazol-4-yl)phthalamide**
AYDIN F., DAĞCI E.
molbank, vol.4, pp.1-4, 2012 (Scopus)
- XIV. **N-[(2,5-Dimethyl-3-Oxo-1-Phenyl-2,3-Dihydro-1h-Pyrazol-4-Yl)Carbamothioyl] Isonicotinamide**
AYDIN F., DAĞCI E.
molbank, vol.3, pp.1-4, 2010 (Scopus)
- XV. **2,6-Dimethyl-3,5-Diacetyl-4-(1,1,1-Trichloro-Methyl)-1,4-Dihydropyridine**
AYDIN F., ÖZEN R.
molbank, vol.2, pp.1-3, 2006 (ESCI)
- XVI. **Diethyl 2,6-Dimethyl,4-(1,1,1-trichloromethyl)-1,4-dihydropyridine-3,5-dicarboxylate**
AYDIN F., ÖZEN R.
Molbank, vol.2006, no.2, pp.471, 2006 (ESCI)
- XVII. **Synthesis of 4-(4-(Dimethylamino)Phenyl)-5-Acetyl-6-Phenyl-3,4-Dihydropyrimidin2(1H)-Thione**
AYDIN F.
molbank, vol.2, no.1, pp.1-3, 2006 (ESCI)
- XVIII. **Uranil İyonunun TriSyl Adı Verilen Bir Silikagel Üzerinde Sulu Çözeltiden Adsorpsiyonu**
Karadağ E., Saraydın D., AYDIN F.
C. Ü. Fen Bilimleri Dergisi, vol.18, no.3, pp.12-19, 1995 (Peer-Reviewed Journal)
- XIX. **Determination of urea by Hantzsch reaction**
AYDIN F., ÖZTOP H. N.
TURKISH 8TH NATIONAL SYMP ON CHEMISTRY AND CHEMICAL ENGINEERING (CHEMISTRY 92) MARMARA UNI.
FAC. SCI & LETTRES, ISTANBUL, TURKEY, Organic Chemistry; Biochemistry; Biotechnology; Food Chemistry,
Marmara University Publication, vol.2, no.518, pp.262-271, 1992 (Peer-Reviewed Journal)
- XX. **Orta Anadolu Sivas İli İçme Suyu Kaynaklarının Fluorür İyonu Düzeyinin Saptanması**
AYDIN F., Cengiz S.
Cumhuriyet Üniversitesi Fen-Ed. Fak. Fen Bilimleri Dergisi, vol.2, pp.111-119, 1984 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Tiyoantren Türevi Sentezi ve Anyon Sensörü Olarak Kullanımı**

AYDIN F.

31. Ulusal Kimya Kongresi, Yıldız Teknik Üniversitesi,, İstanbul, Turkey, 10 - 13 September 2019, pp.408

- II. **Yeni Bir Geminal Diamin Sentezi ve Yapısal Analizi : 2,2,2-Trichloro N,N'-bis(2-nitrophenyl)ethane-1,1-diamine**

AYDIN F., Arslan N. B.

31. Ulusal Kimya Kongresi, Yıldız Teknik Üniversitesi,, İstanbul, Turkey, 10 - 13 September 2019, pp.407

- III. **Chemical Knowledge in Daily Life**

AYDIN F.

ULUSLARARASI GÜLNAR 2017 BİLİM VE KÜLTÜR ETKİNLİKLERİ, 25 - 30 August 2017, vol.1

- IV. **Schottky Diode with Curcumin (C₂₁H₂₀O₆) Interfacial Layer**

DÖKME İ., AYDIN F., KARABULUT B., ALTINDAL Ş.

4th International conference on materials science and nanotechnology for next generation (MSNG2017), 28 - 30 June 2017

- V. **A NOVEL SIMPLE COLORIMETRIC RECEPTOR BASED ON NINHYDRINE 4 PHENYL 3 THIOSEMICARBAZONE FOR FLUORIDE CYANIDE ACETATE DIHYDROGENPHOSPHATE AND HYDROXIDE IONS IN DMSO MEDIUM**

AYDIN F.

ITWCCST KONGRE, Skopje, Macedonia, 26 - 30 October 2016

- VI. **EFFECTS OF MODIFIED ATMOSPHERE CONDITIONS ON BETA CAROTENE AND ANTHOCYANIN CONTENTS OF ARBUTUS UNEDO L FRUITS**

EKİNCİ N., AYDIN F., ŞEKER M.

VII International Scientific Agriculture Symposium, Jahorina, Bosnia And Herzegovina, 6 - 09 October 2016, vol.1, pp.1415-1421

- VII. **2 2 DIAMINO 4 4 PROPANE 2 2 DIYL DIPHENOL SYNTHESIS SPECTRAL PROPERTIES CRYSTAL STRUCTURE AND ITS COMPETITIVE HYDROGEN BOND PROPERTIES**

AYDIN F., ARSLAN N. B., KAZAK C.

ITWCCST KONGRE, Skopje, Macedonia, 26 - 30 October 2016

- VIII. **YENİ BİR OKSİDATİF KATALİZÖR ve UYGULAMALARI: TETRAKİS(2,4,6-trİMETİLPRİDİNYUM)GÜMÜŞ DİKROMAT (T-TMPSDC)**

AYDIN F.

27. ULUSAL KİMYA KONGRESİ, ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ, ÇANAKKALE, Çanakkale, Turkey, 23 - 28 August 2015

- IX. **9-Aminoakridin ve Türevlerinin İnce Filmlerinin Biriktirilmesi ve Karakterizasyonu**

SEL K., AYDIN F.

TÜRK FİZİK DERNEĞİ 31.ULUSLARARASI FİZİK KONGRESİ, Muğla, Turkey, 28 - 31 July 2014, pp.1

- X. **9-AMİNOAKRİDİN VE TÜREVLERİNİN İNCE FİLMLEİNİN BİRİKTİRİLMESİ VE KARAKTERİZASYONU**

SEL K., AYDIN F.

Türk Fizik Derneği, BODRUM-İZMİR, Turkey, 21 - 24 July 2014

- XI. **Experimental and ab initio computational studies on N-(4nitrobenzoyl)-N'-(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)pyrazolyl)-thiourea**

ARSLAN N. B., KAZAK C., AYDIN F.

Acta Cryst. (2011), Spain, 1 - 04 June 2014, pp.67

- XII. **Investigation of Cold Storage Conditation of Arbutus unedo L. Fruits**

EKİNCİ N., AYDIN F., ŞEKER M.

The Journal of Ege University Faculty of Agricultura, İzmir, Turkey, 1 - 04 July 2013, vol.1, pp.47-51

- XIII. **Investigation of cold storage conditions of Arbutus unedo L. fruits**

EKİNCİ N., AYDIN F., ŞEKER M.

23rd International Scientifc-Expertd Congress on Agriculture and Food Industry, İzmir, Turkey, 27 - 29 September 2012, pp.15

- XIV. **YENİ N-BENZOİL-S-ALKİL/ARİL DİTİYOKARBAMATLARIN SENTEZİ VE YAPILARININ SPEKTROSKOPİK YÖNTEMLERLE AYDINLATILMASI**

AYDIN F.

23. ULUSAL KİMYA KONGRESİ, CUMHURİYET ÜNİVERSİTESİ, SİVAS, Sivas, Turkey, 16 - 20 June 2009

- XV. **YENİ N-AROİL-N'-ARİLTİYOÜRELERİN SENTEZİ, FLUORÜR VE SİYANÜR İYONLARI İLE HİDROJEN BAĞLAMA ETKİLEŞİMLERİNİN İNCELENMESİ**

AYDIN F., TUNOĞLU N.

23. ULUSAL KİMYA KONGRESİ, CUMHURİYET ÜNİVERSİTESİ, SİVAS, Sivas, Turkey, 16 - 20 June 2009

- XVI. **ÇEŞİTLİ DİSPERS BİSAZOBİLEŞİKLERİNİN SENTEZİ, YAPILARININ SPEKTROSKOPİK YÖNTEMLERLE AYDINLATILMASI**

PAMUK ALGI M., AYDIN F.

XXII. ULUSAL KİMYA KONGRESİ, MAĞUSA, K.K.T.C., MAGOSA, Cyprus (Kktc), 6 - 10 October 2008

- XVII. **Poly 4 Vinylpyridine Based Nanoparticles for Removal of Cyanide**

ÖZAY Ö., AYDIN F., EKİCİ S., YAKUP B., VIJAY T J., ŞAHİNER N.

22. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kktc), 6 - 10 October 2008, pp.143

- XVIII. **In Situ Metal Nanoparticle Syntheses in Hydrogel Networks and Their Application in Catalysis and Environmental Remediation**

ÖZAY Ö., AYDIN F., EKİCİ S., YAKUP B., VIJAY T J., ŞAHİNER N.

22. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kktc), 6 - 10 October 2008, pp.1

- XIX. **Poly(4-vinylpyridine) based nanoparticle synthesis and their applications to functional materials**

ÖZAY Ö., AYDIN F., EKİCİ S., YILDIZ M., ŞAHİNER N.

235th ACS National Meeting, New Orleans, LA, USA, New Orleans, LA, United States Of America, 6 - 10 April 2008, vol.235, pp.489

- XX. **Poly(4-vinylpyridine) based nanoparticle syntheses and their applications to functional materials**

ÖZAY Ö., AYDIN F., EKİCİ S., YILDIZ M., Baran Y., Tan G., John V. T., ŞAHİNER N.

235th ACS National Meeting & Exposition Held in New Orleans, LA, United States Of America, 1 - 04 April 2008, vol.235

- XXI. **PMSE 489-Poly(4-vinylpyridine) based nanoparticle syntheses and their applications to functional materials**

ÖZAY Ö., AYDIN F., EKİCİ S., YILDIZ M., Baran Y., Tan G., John V. T., ŞAHİNER N.

235th American-Chemical-Society National Meeting, Louisiana, United States Of America, 6 - 10 April 2008, vol.235

- XXII. **Poly(4-vinylpyridine) based nanoparticle syntheses and their applications to functional materials**

ÖZAY Ö., AYDIN F., EKİCİ S., YILDIZ M., Baran Y., Tan G., John V. T., ŞAHİNER N.

235th ACS National Meeting & Exposition Held in New Orleans, LA, United States Of America, vol.235

- XXIII. **SCHİFF BAZI TİPİ AZO BOYAR MADDELER VE KOMPLEKSLERİNİN SENTEZİ, YAPILARININ VE ANTİMİKROBİYAL ÖZELLİKLERİNİN İNCELENMESİ**

ERDENER ÇIRALI D., YILDIZ M., AYDIN F., DÜLGER B.

21. ULUSAL KİMYA KONGRESİ, İNÖNÜ ÜNİVERSİTESİ, MALATYA, Malatya, Turkey, 23 - 27 August 2007

- XXIV. **Schiff Bazı Tipi Azoboyar Maddeler ve Komplekslerinin Sentezi, Yapılarının ve Antimikrobiyal Özelliklerinin İncelenmesi**

ERDENER D., YILDIZ M., AYDIN F., Dülger B., Ünver H.

XXI.Ulusal Kimya Kongresi, Malatya, Turkey, 1 - 04 August 2007, pp.15

- XXV. **PRİDİNYUM KLOKROMAT (PCC), TETRAKİS(PRİDİNYUM)GÜMÜŞ DİKROMAT (Py₄Ag₂Cr₂O₇) ve TETRAKİS(NİKOTİNYUM)GÜMÜŞ DİKROMAT (3-HOCC₄H₄N)₄Ag₂Cr₂O₇) BİLEŞİKLERİNİN ELEKTROKİMYASAL DAVRANIŞLARININ İNCELENMESİ**

AYDIN F., DİLGİN Y., YILMAZ S.

III.Ulusal Analitik Kimya Kongresi, Çanakkale, Çanakkale, Turkey, 5 - 07 July 2006

- XXVI. **YENİ İKİ OKSİDASYON REAKTİFLERİ OLAN 3-**

KARBOKSİPRİDİNYUMTRİKLOROASETATOKROMAT(CPTCAC) VE 3-

KARBOKSİPRİDİNYUMTRİFLOROASETATOKROMAT(CPTFAC)SENTEZLERİ VE KULLANIMLARININ İNCELENMESİ

AYDIN F., ÖZEN R.

XIX. Ulusal Kimya Kongresi, Ege Üniversitesi, Kuşadası/izmir, İzmir, Turkey, 4 - 07 October 2005

- XXVII. **ÇEŞİTLİ BİSAZOBİLEŞİKLERİNİN SENTEZİ VE SPEKTROSKOPİK ÖZELLİKLERİNİN İNCELENMESİ**
AYDIN F.
XVIII. ULUSAL KİMYA KONGRESİ, KAFKAS ÜNİVERSİTESİ, KARS, Kars, Turkey, 5 - 09 July 2004
- XXVIII. **TRİSYL DESTEK MATERYALİ ÜZERİNDE PİRİDİNYUM FLOROKROMATIN (PFC) OKSİDATİF ETKİSİ**
TURUNÇ E., AYDIN F.
XVI. ULUSAL KİMYA KONGRESİ, SELÇUK ÜNİVERSİTESİ, KONYA, Konya, Turkey, 10 - 13 September 2002
- XXIX. **DEKARBOKSİLASYONA KF-AL2O3'ÜN ETKİSİ**
AYDIN F.
XIV. ULUSAL KİMYA KONGRESİ, DİCLE ÜNİVERSİTESİ, DİYARBAKIR, Diyarbakır, Turkey, 10 - 15 September 2000
- XXX. **Degradation of Poly(Vinyl Chloride) with KFAI2O3 Mixture**
AYDIN F., BASAN S.
35 th IUPAC Congress, 1 - 04 August 1995
- XXXI. **Adsorption of Some Cationic Dyes onto Synthetic Silicagel (TriSyl)**
KARADAĞ E., SARAYDIN D., AYDIN F.
35 th IUPAC Congress, 1 - 04 August 1995
- XXXII. **BAZI URANYUM TUZU ÇÖZELTİLERİNDEN URANİL İYONU SOĞURUMUNDA SENTETİK BİR SİLİKAJEL (TRISYL)'İN KULLANILABİLİRLİĞİNİN İNCELENMESİ**
AYDIN F., KARADAĞ E., SARAYDIN D.
X. ULUSAL KİMYA KONGRESİ, KİMYA 94, ULUDAĞ ÜNİVERSİTESİ, BURSA, Bursa, Turkey, 19 - 21 September 1994
- XXXIII. **SİYANÜRÜN KİMYASAL OKSİDASYONLA ARITIMINDA ULTRASONOGRAFİNİN KULLANIMI**
AYDIN F.
X. ULUSAL KİMYA KONGRESİ, KİMYA 94, ULUDAĞ ÜNİVERSİTESİ, BURSA, Bursa, Turkey, 19 - 21 September 1994
- XXXIV. **Steroidlerin Kütle Spektrometrik Verileri ile Termal Analiz Değerlerinin Karşılaştırılması**
AYDIN F., CENGİZ S.
V. Ulusal Spektroskopi Sempozyumu, Spektroskopi Dergisi, Sivas, Turkey, 22 - 24 September 1985, pp.130-138
- XXXV. **Studies on Behavior of the Steroid Molecules Under Low Energy Electron Impact**
Cengiz S., Özgen T., AYDIN F.
Fifth International Symposium on Mass Spectrometry in Life Sciences, Belgium, 1 - 04 May 1984, vol.1, pp.111-119

Supported Projects

SEL K., AYDIN F., Project Supported by Higher Education Institutions, 9-Aminoakridin ve Türevlerinin İnce Filmlerinin Biriktirilmesi ve Karakterizasyonu, 2013 - 2015

EKİNCİ N., AYDIN F., Project Supported by Higher Education Institutions, Dağ çileğinin soğuta muhafaza koşullarının araştırılması, 2010 - 2014

Metrics

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H-Index (Scopus): 6

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