

Prof. Ulvi AVCIATA

Personal Information

Email: uavciata@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/uavciata>

International Researcher IDs

ORCID: 0000-0001-7018-371X

Yoksis Researcher ID: 5293

Education Information

Doctorate, İstanbul University, Kimya, Kimya Yüksek Mühendisliği, Turkey Continues

Advising Theses

AVCIATA U., Değişik Fonksiyonel Gruplar İçeren Yeni Tip Çözünür Porfirazin Sentezi, Elektrokimyasal Özelliklerinin İncelenmesi İncelenmesi, Doctorate, S.Tuncel(Student), 2016

AVCIATA U., . Yeni Tip Polifonksiyonel Porfirazinlerin Sentezi, Karakterizasyonu, Komplekslerinin Hazırlanması,, Postgraduate, S.Tuncer(Student), 2016

AVCIATA U., Yeni Tip Porfirazin Sentezi, Postgraduate, M.Canikli(Student), 2016

AVCIATA U., Ag2O Doplanmış Nano TiO2 in Yapısını ve Özelliklerinin İncelenmesi Etkisini İncelenmesi, Doctorate, Y.Karaer(Student), 2016

AVCIATA U., Nano TiO2 in B2O3 ile Doplanarak Yapısını ve Özelliklerinin İncelenmesi, Postgraduate, S.Usta(Student), 2016

AVCIATA U., Yeni t-Butilbenzil bromür Gruplar İçeren Polifonksiyonel Porfirazinlerin Sentezi, Karakterizasyonu ve Komplekslerinin Hazırlanması, Postgraduate, B.Keskin(Student), 2016

AVCIATA U., Farklı Fonksiyonel Gruplar İçeren Yeni Tip Çözünür Porfirazin Sentezi, Karakterizasyonu ve Komplekslerinin İncelenmesi, Doctorate, A.Erdoğmuş(Student), 2016

AVCIATA U., Yeni Polifonksiyonel Porfirazinlerin Sentezi, Postgraduate, O.Şener(Student), 2016

AVCIATA U., TNT nin Duyarsızlaştırılmasında Nano V2O5 in Etkisini İncelenmesi, Postgraduate, A.Hışır(Student), 2016

AVCIATA U., Yeni Tip Suda Çözünür Ftalosianin Sentezi Sentezi, , Fotokimyasal ve Fotofiziksel Özelliklerinin İncelenmesi, Postgraduate, G.Yaşa(Student), 2016

AVCIATA U., 1,10 Fenantrolin Esash Polifonksiyonel Ligandların Sentezi, Metal Komplekslerinin İncelenmesi, Doctorate, F.Tuncel(Student), 2016

AVCIATA U., 1,10 Fenantrolin İçeren Çok Dişli Ligandların Sentezi, Metal Komplekslerinin İncelenmesi, Doctorate, G.Keser(Student), 2016

AVCIATA U., Ferrosen ve 3-Bromo bifenil propen türevleri içeren Yeni Porfirazin Türevlerinin Sentezi, Karakterizasyonu ve Metal Komplekslerinin Hazırlanması, Doctorate, B.Keskin(Student), 2016

AVCIATA U., Çinko Doplanmış Nano TiO2 in Yapısını ve Özelliklerinin İncelenmesi Etkisini İncelenmesi, Postgraduate, S.Neccaroğlu(Student), 2016

AVCIATA U., Atık Suların Elektrokimyasal Yöntemle Arıtılması, Postgraduate, Y.Karaer(Student), 2016

AVCIATA U., Cam Yüzeylerin Sol-Gel Prosesiyle Hidrofob ve Oleofob Özelliklerin Kazandırılması, Doctorate, R.Budakoğlu(Student), 2016

AVCIATA U., Çimentoya Bor Katkısı, Uçucu Kül, Yüksek Fırın Cürüfュ İlavesiyle Özelliklerinin İncelenmesi, Doctorate, E.Erdoğmuş(Student), 2016

AVCIATA U., Metanolün V2O5-MoO3- Al2O3 Katalizörüğünde Yükseltgenme Ürünlerinin incelenmesi, Doctorate, B.Demiryürek(Student), 1995

AVCIATA U., Diaza taç eterli yeni ligandların ve komplekslerinin Sentezi, stabilité sabitlerinin Ölçülmesi, Postgraduate, Y.Molho(Student), 1994

AVCIATA U., Borakstan değişik ortamlarda ve koşullarda saf borik asit eldesi koşullarının incelenmesi, Doctorate, N.Demirhan(Student), 1993

AVCIATA U., Etil alkol-su azeotropik karışımının ayrılığında kalsiyum klorür, sodyum asetat, potasyum asetat tuzlarının etkilerinin araştırılması ve sistemin sıvı-buhar dengesinin incelenmesi, Postgraduate, S.Saltık(Student), 1986

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hydrothermal in situ preparation of phthalocyanine-TiO₂ nanocomposites for photocatalytic activity under visible light irradiation**
Gördük S., Avcıata O., Avcıata U.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.47, no.2, pp.615-635, 2021 (SCI-Expanded)
- II. **Photocatalytic degradation of methylene blue under visible light irradiation by non-peripherally tetra substituted phthalocyanine-TiO₂ nanocomposites**
Gördük S., Avcıata O., Avcıata U.
INORGANICA CHIMICA ACTA, vol.471, pp.137-147, 2018 (SCI-Expanded)
- III. **Synthesis of Peripherally Tetrasubstituted Phthalocyanines and Their Applications in Schottky Barrier Diodes**
GÖRDÜK S., Koyun O., AVCIATA O., ALTINDAL A., Avcıata U.
JOURNAL OF CHEMISTRY, 2017 (SCI-Expanded)
- IV. **Microwave-assisted synthesis, electrochemistry and spectroelectrochemistry of phthalocyanines bearing tetra terminal-alkynyl functionalities and click approach**
Koyun O., GÖRDÜK S., KESKİN B., CETINKAYA A., KOCA A., Avcıata U.
POLYHEDRON, vol.113, pp.35-49, 2016 (SCI-Expanded)
- V. **Synthesis and fluorescence properties of metallocporphyrazines carrying 2-(ethyl)-1,3-dioxanethio-groups**
Kilicarslan F., ERDOĞMUŞ A., ERDEN İ., Avcıata U.
JOURNAL OF CHEMICAL RESEARCH, no.2, pp.90-97, 2015 (SCI-Expanded)
- VI. **A.c. and d.c. conduction processes in octakis[(4-tert-butylbenzylthio)-porphyrinato]Cu(II) thin films with gold electrodes**
KESKİN B., ALTINDAL A., Avcıata U., Güll A.
BULLETIN OF MATERIALS SCIENCE, vol.37, no.3, pp.461-468, 2014 (SCI-Expanded)
- VII. **Photophysical, Photochemical, and BQ Quenching Properties of Zinc Phthalocyanines with Fused or Interrupted Extended Conjugation**
Gumrukcu G., Karaoglan G., ERDOĞMUŞ A., Güll A., Avcıata U.
JOURNAL OF CHEMISTRY, 2014 (SCI-Expanded)
- VIII. **Synthesis and EPR studies of soluble vanadyl octakis(4-tert-butylbenzylthio) porphyrazine**
Keskin B., Yerli Y., Avcıata U.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.15, pp.2615-2622, 2013 (SCI-Expanded)
- IX. **A novel phthalocyanine conjugated with four salicylideneimino complexes: Photophysics and fluorescence quenching studies**
Gumrukcu G., Karaoglan G., ERDOĞMUŞ A., Güll A., Avcıata U.
DYES AND PIGMENTS, vol.95, no.2, pp.280-289, 2012 (SCI-Expanded)
- X. **Photophysical and photochemical properties of novel phthalocyanines bearing non-peripherally substituted mercaptoquinoline moiety**
Yasa G., Erdoganmus A., Ugur A. L., Şener M. K., Avcıata U., Nyokong T.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.16, pp.845-854, 2012 (SCI-Expanded)

- XI. **Influence of colemanite admixture on Portland cement durability**
Erdogmus E., Targan S., Erdogan Y., Avciata U., Gencel O.
ADVANCES IN CEMENT RESEARCH, vol.24, no.3, pp.155-164, 2012 (SCI-Expanded)
- XII. **Synthesis of Ni(II) porphyrazine peripherally 4-tert-butylbenzylthio moiety and electronic Schottky barrier diode octa-substituted with the properties of the Al/Ni(II)Pz/p-Si Schottky barrier diode**
KESKİN B., DENKTAŞ C., ALTINDAL A., Avciata U., Gül A.
POLYHEDRON, vol.38, no.1, pp.121-125, 2012 (SCI-Expanded)
- XIII. **Synthesis of Ni(II) porphyrazine peripherally octa-substituted with the 4-tert-butylbenzylthio moiety and electronic properties of the Al/Ni(II)Pz/p-Si Schottky barrier diode**
AVCIATA U.
Polyhedron, vol.38, no.1, pp.121-125, 2012 (SCI-Expanded)
- XIV. **Synthesis, characterization, electrochemistry and spectroelectrochemistry of novel soluble porphyrazines bearing unsaturated functional groups**
AVCIATA U.
Dyes and Pigments, vol.92, no.1, pp.610-618, 2012 (SCI-Expanded)
- XV. **Synthesis of Non-Peripherally Substituted Tetra(Dihexylmalonate) Alcohol Soluble Phthalocyanines**
AVCIATA U.
Journal of Coordination Chemistry, vol.64, no.16, pp.2936-2944, 2011 (SCI-Expanded)
- XVI. **Synthesis and characterization of novel soluble phthalocyanines with fused conjugated unsaturated groups**
Karaoglan G., Gumrukcu G., KOCA A., Gül A., Avciata U.
DYES AND PIGMENTS, vol.90, no.1, pp.11-20, 2011 (SCI-Expanded)
- XVII. **Synthesis and characterization of new thiourea derivatives substituted 1,10-phenanthroline and crown ether**
Elmali F., Avciata U., DEMİRHAN N.
MAIN GROUP CHEMISTRY, vol.10, no.1, pp.17-23, 2011 (SCI-Expanded)
- XVIII. **Synthesis of non-peripherally substituted tetra(dihexylmalonate) alcohol soluble phthalocyanines**
Korkut S., Avciata U., ŞENER M. K.
JOURNAL OF COORDINATION CHEMISTRY, vol.64, no.16, pp.2936-2944, 2011 (SCI-Expanded)
- XIX. **Synthesis, spectroscopic, electrochemical and spectroelectrochemical properties of metal free, manganese, and cobalt phthalocyanines bearing peripherally octakis-[4-(thiophen-3-yl)-phenoxy] substituents**
Ugur A. L., ERDOĞMUŞ A., KOCA A., Avciata U.
POLYHEDRON, vol.29, no.18, pp.3310-3317, 2010 (SCI-Expanded)
- XX. **Synthesis and characterization of new D-?-D type Schiff base ligands and its complexes with Cobalt(II), Ruthenium(II),**
AVCIATA U.
Russian Journal Of Inorganic Chemistry, vol.55, no.12, pp.1901-1908, 2010 (SCI-Expanded)
- XXI. **Synthesis, electrochemistry, spectroelectrochemistry and electrocolorimetry of phthalocyanine-anthraquinone hybrids**
Sezer B., Sener M. K., KOCA A., ERDOĞMUŞ A., Avciata U.
SYNTHETIC METALS, vol.160, pp.2155-2166, 2010 (SCI-Expanded)
- XXII. **Radical scavenging and invitro antifungal activities of Cu(II) and Co(II) complexes of the t-butylphenyl derivative of porphyrazine**
AVCIATA U.
JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.22, pp.3999-4006, 2010 (SCI-Expanded)
- XXIII. **Synthesis, photophysics, photochemistry and fluorescence quenching studies on highly soluble substituted oxo-titanium(IV) phthalocyanine complexes**
ERDOĞMUŞ A., Durmus M., Ugur A. L., AVCIATA O., Avciata U., Nyokong T.
SYNTHETIC METALS, vol.160, pp.1868-1876, 2010 (SCI-Expanded)
- XXIV. **Hydrothermal preparation and characterization of nanocrystalline TiO₂ powder and its**

- photocatalytic degradation of alizarin salt dye under UV-light**
AVCIATA O., SAHIN F., ERDEN İ., Avciata U.
Asian Journal of Chemistry, vol.22, no.4, pp.2953-2958, 2010 (SCI-Expanded)
- XXV. Radical scavenging and invitro antifungal activities of Cu(II) and Co(II) complexes of the t-butylphenyl derivative of porphyrazine**
KESKİN B., PEKSEL A., Avciata U., GüL A.
JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.22, pp.3999-4006, 2010 (SCI-Expanded)
- XXVI. Derivatization and in situ metallation of phthalocyanines using click chemistry**
Yilmaz Y., ŞENER M. K., ERDEN İ., Avciata U.
POLYHEDRON, vol.28, no.16, pp.3419-3424, 2009 (SCI-Expanded)
- XXVII. SYNTHESIS AND CHARACTERIZATION OF 5-SALICYLIDENEIMINO-1,10-PHENANTHROLINE AND ITS Ni(II), Co(II) COMPLEXES**
AVCIATA U.
REVIEWS IN INORGANIC CHEMISTRY, vol.29, no.4, pp.241-253, 2009 (SCI-Expanded)
- XXVIII. SYNTHESIS AND CHARACTERIZATION OF 5-SALICYLIDENEIMINO-1,10-PHENANTHROLINE AND ITS Ni(II), Co(II) COMPLEXES**
Elmali F., DEMİRhan N., Duman H., Avciata U.
REVIEWS IN INORGANIC CHEMISTRY, vol.29, no.4, pp.241-253, 2009 (SCI-Expanded)
- XXIX. Synthesis and Characterization of New D-pi-D Type Schiff Base Ligands**
Karaoglan G., ERDEN İ., Avciata U.
POLISH JOURNAL OF CHEMISTRY, vol.83, no.6, pp.1147-1152, 2009 (SCI-Expanded)
- XXX. Synthesis and Characterization of New D-pi-D Type Schiff Base Ligands**
AVCIATA U.
POLISH JOURNAL OF CHEMISTRY, vol.83, no.6, pp.1147-1152, 2009 (SCI-Expanded)
- XXXI. 1,4-Dithiaheterocycle-fused porphyrazines: Synthesis, characterization, voltammetric and spectroelectrochemical properties**
Tuncer S., KOCA A., Guel A., Avciata U.
DYES AND PIGMENTS, vol.81, no.2, pp.144-151, 2009 (SCI-Expanded)
- XXXII. Synthesis and characterisation of D-pi-D type Schiff base ligands derived from fluorene and 1,10-phenanthroline and its complexes with ruthenium(II)**
ELMALI F., ERDEN İ., DEMİRhan N., Avciata U.
JOURNAL OF CHEMICAL RESEARCH, no.2, pp.90-92, 2009 (SCI-Expanded)
- XXXIII. Synthesis and characterisation of D-n-D type Schiff base ligands derived from fluorene and 1,10-phenanthroline and its complexes with ruthenium(II)**
Elmali F. T., ERDEN İ., DEMİRhan N., AVCIATA U.
Journal of Chemical Research, no.2, pp.90-92, 2009 (SCI-Expanded)
- XXXIV. Synthesis and characterization of a new fluorene ligand and its complexes with cobalt(II), copper(II), and ruthenium(II)**
ERDEN İ., ERDOĞMUŞ A., DEMİRhan N., Avciata U.
TRANSITION METAL CHEMISTRY, vol.33, no.4, pp.439-442, 2008 (SCI-Expanded)
- XXXV. Synthesis and EPR studies of porphyrazines with bulky substituents**
KESKİN B., Koeseoglu Y., Avciata U., Guel A.
POLYHEDRON, vol.27, no.4, pp.1155-1160, 2008 (SCI-Expanded)
- XXXVI. Synthesis and EPR studies of porphyrazines with bulky substituents**
KESKİN B., KÖSEOĞLU Y., AVCIATA U., GÜL A.
Polyhedron, vol.27, pp.1155-1160, 2008 (SCI-Expanded)
- XXXVII. Synthesis, Characterization and Electrochemistry of New Soluble Porphyrazine Complexes Bearing Octakis 3-Methylbutylthio Substituents**
ERDOĞMUŞ A., KOCA A., Avciata U., Guel A.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.634, no.14, pp.2649-2654, 2008 (SCI-Expanded)

- XXXVIII. **Synthesis of a new thiourea derivative substituted 5,6-diamino-1,10-phenanthroline and crown ether and its complexes with Copper(II), Nickel(II) and Cobalt(II)**
ELMALI F., AVCIATA U., Demirhan N., Guel A.
POLISH JOURNAL OF CHEMISTRY, vol.81, no.10, pp.1725-1734, 2007 (SCI-Expanded)
- XXXIX. **Synthesis and characterisation of a new Schiff base and its metal complexes**
AVCIATA U.
INDIAN JOURNAL OF CHEMISTRY, vol.46, no.8, pp.1273-1276, 2007 (SCI-Expanded)
- XL. **Functionalisation of the 1,3-bis(2-pyridylimino)isoindole (BPI) ligand via esterification**
AVCIATA U.
JOURNAL OF CHEMICAL RESEARCH-S, vol.2007, no.3, pp.138-140, 2007 (SCI-Expanded)
- XLI. **Synthesis and characterization of a new Schiff base ligand derived from benzo-15-crown-5 and its complexes with cobalt(II), nickel(II) and copper(II)**
Erden I., Demirhan N., Avciata U.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.45, no.6, pp.1395-1399, 2006 (SCI-Expanded)
- XLII. **Synthesis and characterization of a new imidazole ligand and its complexes with cobalt(II), nickel(II) and copper(II)**
Erden I., Demirhan N., Avciata U.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.36, no.7, pp.559-562, 2006 (SCI-Expanded)
- XLIII. **Synthesis and characterisation of 5,6-bis(salicylideneimino)-1,10-phenanthroline and its trinuclear complexes**
Demirhan N., AVCIATA U., GUL A.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.44, no.4, pp.729-732, 2005 (SCI-Expanded)
- XLIV. **Synthesis and characterization of a new vic-dioxime ligand and its complexes with cobalt(II), nickel(II) and copper(II)**
Demirhan N., Erden I., Avciata U.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.43, no.4, pp.782-785, 2004 (SCI-Expanded)
- XLV. **Synthesis and characterization of 5,6-diamino-1,10-phenanthroline substituted anti-dichloroglyoxime and its complexes with cobalt(II), nickel(II), and copper(II)**
Demirhan N., ERDEN İ., AVCIATA U.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.32, no.8, pp.1361-1372, 2002 (SCI-Expanded)
- XLVI. **Protonation and coordinative properties of 14-membered tetraaza macrocycles linked to phthalocyanines**
AVCIATA U., Bozdogan A. E., KOCAK M., GUL A., OKUR A., BEKAROGLU O.
MONATSHEFTE FUR CHEMIE, vol.130, no.2, pp.283-293, 1999 (SCI-Expanded)
- XLVII. **Synthesis of N,N '-bis[(benzo-15-crown-5)-oylmethyl]diaminoglyoxime and its metal complexes**
AVCIATA U., Demirhan N., Gul A.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.29, no.5, pp.827-840, 1999 (SCI-Expanded)
- XLVIII. **Synthesis and characterization of a crown ether substituted salicylaldimine and its complexes with copper(II), cobalt(II), nickel(II), and uranyl(VI)**
AVCIATA U., Demirhan N., GUL A.
MONATSHEFTE FUR CHEMIE, vol.129, no.1, pp.9-18, 1998 (SCI-Expanded)
- XLIX. **Synthesis of 4 '-acetyl(benzo-15-crown-5)-oxime and its complexes with copper(II), nickel(II), cobalt(II) and uranyl(VI)**
AVCIATA U., DEMIRHAN N., Bozdogan A. E.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.28, no.3, pp.393-403, 1998

- (SCI-Expanded)
- L. **Synthesis of bis[(4,10-diaza-4,10-ditosyl-benzo-12-Crown-4) 4'-yl] diaminoglyoxime and its complexes**
AVCIATA U., Demirhan N., TEKER M.
JOURNAL OF INCLUSION PHENOMENA AND MOLECULAR RECOGNITION IN CHEMISTRY, vol.26, pp.27-38, 1996
(SCI-Expanded)
- LI. **INVESTIGATIONS OF THE INTERACTION OF 4 ',5 '-BIS(SALICYLIDENEIMINO) BENZO-15-CROWN-5 WITH TRANSITION AND ALKALI METAL IONS AND THE URANYL CATION**
Avciata U., BOZDOĞAN A. E., Koçak M., Gül A., Bekaroglu O.
JOURNAL OF COORDINATION CHEMISTRY, vol.35, pp.319-323, 1995 (SCI-Expanded)

Books & Book Chapters

- I. **Synthesis and Characterization of Novel Peripherally 3-Bromo-1-Phenyl-1-Propene Derivative of Porphyrazine**
Keskin B., Avciata U., Gül A.
in: Innovations in Chemical Biology, Sener B., Editor, Springer Netherlands Library Service Library Service, Ankara, pp.389-395, 2009
- II. **Synthesis and Characterization of Novel Peripherally 3-Bromo-1-Phenyl-1-Propene Derivative of Porphyrazine**
KESKİN B., AVCIATA U., GÜL A.
in: Innovations in Chemical Biology, B. Sener , Editor, Springer Netherlands, pp.389-395, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Novel Co(II) phthalocyanine-TiO₂ nanocomposite: Preparation and photoactivity**
Gördük S., Avciata O., Avciata U.
The 3. GTU Photodynamic Day, Kocaeli, Turkey, 09 May 2018, pp.13
- II. **SYNTHESIS OF COBALT(II) PHTHALOCYANINE-TIO₂ NANOCOMPOSITE**
GÖRDÜK S., KOYUN Ö., AVCIATA O., AVCIATA U.
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2017, İstanbul, Turkey, 26 October 2017, pp.261-263
- III. **Electrochemical determination of paracetamol in the presence of ascorbic acid and caffeine using an electrochemical treated pencil graphite electrode**
KOYUN Ö., GÖRDÜK S., arvas m. b., ŞAHİN Y., AVCIATA U.
International Congress on Fundamental and Applied Sciences 2016 (ICFAS2016), İstanbul, Turkey, 22 - 26 August 2016, pp.204
- IV. **Farklı Sübstitüe Kobalt Ftalosiyantan Türevlerinin Elektrokimyasal Davranışlarının İncelenmesi**
GÖRDÜK S., KOYUN Ö., ŞAHİN Y., AVCIATA U.
- IV. ULUSAL UYGULAMALI ELEKTROKİMYA LİSANSÜSTÜ YAZ OKULA VE ÇALIŞTAYI, Manisa, Turkey, 24 May 2016, pp.420
- V. **Phenol Doped TiO₂ Prepared by Hidrotermal Method Surface Properties and Photoactivity**
GÖRDÜK S., AVCIATA O., AVCIATA U.
18th JCF-Frühjahrssymposium (Spring Symposium) 2016, Kiel, Germany, 16 - 19 March 2016, pp.2014
- VI. **Photocatalytic Degradation of Indigo Carmine via ZnO Doped Nano TiO₂**
Avciata O., Neccaroğlu Işık S., Avciata U.
4th International Congress on Nano Science & Nanotechnology (ICNT2016), Kuala-Lumpur, Malaysia, 28 - 29 January 2016, pp.116
- VII. **Hydrothermal Synthesis of ZnO Doped Nano Rutile**

- AVCIATA O., NECCAROĞLU İŞIK S., AVCIATA U.
4th International Congress on Nano Science & Nanotechnology (ICNT2016), Kuala Lumpur, Malaysia, 28 January 2016, pp.174
- VIII. **Synthesis characterization and gas sensing properties of novel porphyrazines peripherally substituted alkenyl moiety**
Keskin B., Altindal A., Avciata U.
1st International Advanced and Functional Materials Technologies (AFMAT) 2015, Antalya, Turkey, 26 - 28 October 2015, pp.36
- IX. **Nano Boyutlu Anataz Sentezi ve Uygulamaları**
Avciata O., Avciata U., Gördük S.
V. ULUSAL ANORGANİK KİMYA KONGRESİ, Mersin, Turkey, 22 - 25 April 2015, pp.250
- X. **Synthesis characterization spectral aggregation and fluorescence properties of novel porphyrazines**
AYTAN KILIÇARSLAN F., ERDOĞMUŞ A., ERDEN İ., AVCIATA U.
INTERNATIONAL SYMPOSIUM ON MOLECULAR CHEMISTRY, İstanbul, Turkey, 19 December 2014, pp.188
- XI. **Synthesis and Characterization of a New Class of Phthalimide Triazole Linked Phthalocyanines via Click Reaction**
KESKİN B., Çetinkaya A., Avciata U.
Eighth International Conference on Porphyrins and Phthalocyanines (ICPP-8), İstanbul, Turkey, 22 - 27 June 2014
- XII. **Influence of Heat Treatment on Structural and Optical Properties of Cobalt Porphyrazine Thin Films**
KESKİN B., KOÇ K., DENKTAŞ C., TEPEHAN F. Z., AVCIATA U., GÜL A.
16th JCF-Frühjahrssymposium, Jena, Germany, 26 - 29 March 2014
- XIII. **Periferal Konumda Alkin Bağlı Asimetrik Ftalosianinlerin Voltametrik ve Spektroelektrokimyasal Karakterizasyonu**
Keskin B., Koyun Ö., Gördük S., Koca A., Avciata U.
Uluslararası Katılımlı Elektrokimya Çalıştayı, Muğla, Turkey, 23 June 2013, vol.1, no.1, pp.145
- XIV. **Periferal Konumlarda 2-Etoksitetrahidro-2H-Pirantiyo Grupları Taşıyan Yeni Porfirazin Türevlerinin Sentezi ve Fotofiziksel Özelliklerinin İncelenmesi**
AYTAN KILIÇARSLAN F., ERDOĞMUŞ A., ERDEN İ., AVCIATA U.
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May 2013, pp.167
- XV. **Ag nanopartiküllerin sentezi ve ROMP metodu ile sentezlenen polimer matriksinin içinde dağılması,**
AVCIATA U.
II. Ulusal Nanoteknoloji Kongresi, 01 October 2012, vol.1, pp.6
- XVI. **Ag nanopartiküllerin sentezi ve ROMP metodu ile sentezlenen polimer matriksinin içinde dağılması**
KESKİN B., AVCIATA U., EROL M., EREN T.
II. Ulusal Nanoteknoloji Kongresi, YTÜ, İstanbul, Turkey, 27 - 28 October 2012, pp.6
- XVII. **THE PARADIGM OF SCIENCE AND CULTURE INTERACTION IN ASIA**
AVCIATA U.
SIXTH INTERNATIONAL CONFERENCE OF THE ASIAN PHILOSOPHICAL ASSOCIATION, 01 August 2012, vol.1, pp.180-185
- XVIII. **Metaforik Expression of Mevlana Celaleddin Rumi**
AVCIATA U.
FIFTH INTERNATIONAL CONFERENCE OF THE ASIAN PHILOSOPHICAL ASSOCIATION, 01 November 2011, vol.1, pp.150-151
- XIX. **Synthesis of ATH added Flame Retardant Hydrophobic Zinc Borate and Application**
AVCIATA O., USTA F. S., AVCIATA U.
Ecers XII, 12th Conference of the European Ceramic Society, Stockholm, Sweden, 19 June 2011, pp.2168
- XX. **Photocatalytic Degradation of Indigo Dye by Ag Doped Nano TiO₂**
Avciata O., Benli Y., Avciata U.
Ecers XII, 12th Conference of the European Ceramic Society, Stockholm, Sweden, 19 June 2011 - 23 June 2019, pp.1
- XXI. **Flame Retardant Application of ATH added Hydrophobic Zinc Borate on Cotton Fabric Textile**

- Avcıata O., Avcıata U.
Ecers XII, 12th Conference of the European Ceramic Society, Stockholm, Sweden, 19 - 23 June 2011, pp.1
- XXII. **Non Periferal Konumlarda Diester Grubu İçeren Metalli Ftalosiyinlerin Sentezi**
EKEN KORKUT S., ŞENER M. K., Avcıata U.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 May 2011, pp.270
- XXIII. **SAÇ BAKIM ÜRÜNLERİ PERFORMANS TESTLERİ**
DİNÇ ZOR Ş., BOZDOĞAN A. E., Avcıata U.
1. Kozmetik Kimyası, Üretimi, Standardizasyonu Kongresi, Antalya, Turkey, 18 February 2011, pp.1
- XXIV. **Hacimli Gurup İçeren Çözünür Vanadil Porfirazin Sentezi ve EPR Özelliğinin İncelenmesi**
Keskin B., Yerli Y., Avcıata U., Gül A.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XXV. **Oktakis 4 tert Butilbenziltiyo Sübstittenli Porfirazin Türevlerinin Ozonizasyonunda UV Visible Spektrofotometrik Yöntem Kullanılarak Renk Değişiminin İncelenmesi**
KESKİN B., TURHAN K., AVCIATA U.
22. Ulusal Kimya Kongresi, MAĞUSA, Cyprus (Kktc), 6 - 10 October 2008
- XXVI. **New Novel Soluble Porphyrazine Synthesis including various functional groups to investigate electrochemical properties**
Tuncer S., Keskin B., Erden İ., Avcıata U., Koca A., Gül A.
8th International Electrochemistry Meeting in Turkey, Antalya, Turkey, 8 - 11 October 2009, vol.1, no.1, pp.21
- XXVII. **Sol-Jel Yöntemi ile Nano TiO₂ Sentezi ve Çevresel Uygulaması**
AVCIATA O., Yaman C., Avcıata U.
XXIII. Ulusal Kimya Kongresi, 01 August 2009
- XXVIII. **Voltammetric and Electro chemical measurements of 3 phenyl 2 propene heterocycle fused porphyrazines**
KESKİN B., TUNCER S., AVCIATA U., KOCA A.
2nd Georgian Bay International Conference on Bioinorganic Chemistry (CanBIC 2009), Ontario, Canada, 06 July 2009
- XXIX. **Antifungal Effect of Ag Doped Photocatalytic Nano TiO₂ on Aspergillus niger Fungi**
Avcıata O., Avcıata U.
Ecers XII, 12th Conference of the European Ceramic Society, Stockholm, Sweden, 19 - 23 June 2011, pp.1
- XXX. **V205 Dop Edilmiş Nano TiO₂ Sentezi ve Uygulaması**
Avcıata U., Avcıata O., Yaman C.
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.2
- XXXI. **Synthesis and Characterization of Novel Peripherally 3-Bromo-1-Phenyl-1-Propene Derivative of Porphyrazine**
KESKİN B., Avcıata U., Guel A.
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.389-390
- XXXII. **Synthesis and Characterization of New Type Soluble Porphyrazine Containing 3-Phenylpropyl Bromide Group and Investigation of Its Complexes**
ERDOĞMUŞ A., Avcıata U., Guel A.
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.383-384
- XXXIII. **Synthesis and Characterization of N-[1,10-Phenanthroline]-N'-(Benzo-15-Crown-5)yl] Thiourea and Its Complex with Copper(I)**
ELMALI F. T., Avcıata U., DEMİRHAN N., Guel A.
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.367-369
- XXXIV. **Synthesis and Characterization of New Type Soluble Porphyrazine Containing 1-Bromo-3-Methylbutan Group and Investigation of Its Complexes**
Erdoğmuş A., Karaoglan G., Avcıata U., Guel A.
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.375-0
- XXXV. **EPR Studies of Octakis 3 Phenyl 2 Propenethio Substituted Porphyrazine Derivatives**
KESKİN B., SERAP T., AVCIATA U., GÜL A.

- J. Porphyrins and Phthalocyanines ICPP5, Moskva, Russia, 10 August 2008, vol.12, pp.574
- XXXVI. **Radical Scavenging and In Vitro Antifungal Activities of Cu II And Co II Complexes of t Butylphenyl Derivative of Porphyrazine**
KESKİN B., AVCIATA U., GÜL A.
J. Porphyrins and Phthalocyanines ICPP5, Moskva, Russia, 10 August 2008, vol.12, pp.573
- XXXVII. **Synthesis, Application and Characterization of Nano TiO₂**
Avciata O., Yaman C., Avciata U.
2nd International Congress on Ceramics, Verona, Italy, 29 June - 04 July 2008, pp.1-7
- XXXVIII. **Nano TiO₂ Sentezi ve Fotokatalitik Özelliklerinin İncelenmesi**
Avciata O., Avciata U.
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007, pp.81
- XXXIX. **Synthesis and Complexes of Novel Peripherally 3 Bromo 1 Phenyl 1 Propene Derivative of Phorphyrazine**
Keskin B., Avciata U., Gül A.
9th FIGIPAS Meeting in Inorganic Chemistry, Vienna, Austria, 10 July 2007, pp.27
- XL. **Yeni Bir Çözünür Porfirazin Türevinin Sentezi ve Karakterizasyonu**
TUNCER S., KESKİN B., AVCIATA U., GÜL A.
18. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.377
- XLI. **Etanolün V2O5-WO₃-SiO₂ Katalizörüğünde Yükseltgenme Ürünlerinin İncelenmesi**
Avciata U., Demiryurek B., AVCIATA O.
XVII. Ulusal Kimya Kongresi, 01 May 2003
- XLII. **Potentiometric Studies of Copper(II), Nickel(II), and Cobalt(II) Complexes of the 1,10 Phenanthroline-5,6-Bis (Benzo-15-Crown-5)**
TUNCEL ELMALI F., ERDEN İ., AVCIATA O., AVCIATA U., DEMİRHAN N.
Chemical Physics V, The Fifth International Conference

Supported Projects

- AVCIATA U., Project Supported by Higher Education Institutions, Nano TiO₂ ve Ag₂O ile Doplama Yapılarak Yapısının Ve Özelliklerinin İncelenmesi, 2012 - 2015
- AVCIATA U., Other International Funding Programs, Nano TiO₂ in nano gümüş iyonlarıyla doplanması, Özelliklerinin İncelenmesi, 2011 - 2013
- AVCIATA U., Project Supported by Higher Education Institutions, NANO TiO₂ – B2O₃ Doplaması, Yapısının ve Özelliklerinin İncelenmesi, 2011 - 2012
- AVCIATA U., Other International Funding Programs, Yeni Tip Gruplar İçeren Ftalosianin Sentezi, Karakterizasyonu, Komplekslerinin, 2010 - 2012
- AVCIATA U., Other International Funding Programs, Yanmazlık özelliği taşıyan Dopllanmış B2O₃ içeren Nano-TiO₂ malzemeler, 2010 - 2011
- AVCIATA U., Project Supported by Higher Education Institutions, Pamukkale Travertenlerinin Eski Özelliklerine Döndürülmesi, 2003 - 2006
- AVCIATA U., Project Supported by Higher Education Institutions, Kozmetik ürünlerin performans ölçüm teknikleri geliştirilmesi, 2004 - 2005
- AVCIATA U., Project Supported by Higher Education Institutions, Taç Eterli Yeni Ligandların Sentezi, Komplekslerinin İncelenmesi, Stabilite Sabitlerinin Tayin Edilmesi, 1996 - 1999

Metrics

- Publication: 98
Citation (WoS): 577

Citation (Scopus): 676

H-Index (WoS): 14

H-Index (Scopus): 17