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Education Information

Doctorate, Istanbul Üniversitesi, 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,, Post Graduate, S.Tuncer(Student), 2016

AVCIATA U., Yeni Tip Porfirazin Sentezi, Post Graduate, 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, Post Graduate, S.Usta(Student), 2016

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

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

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

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

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

AVCIATA U., 1,10 Fenantrolin Esaslı 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, Post Graduate, S.Neccaroğlu(Student), 2016

AVCIATA U., Atık Suların Elektrokimyasal Yöntemle Arıtılması, Post Graduate, 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 Cürufu İlavesiyle Özelliklerinin İncelenmesi, Doctorate, E.Erdoğan(Student), 2016

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

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

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

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

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

- I. **Hydrothermal in situ preparation of phthalocyanine-TiO₂ nanocomposites for photocatalytic activity under visible light irradiation**
GÖRDÜK S., AVCIATA O., AVCIATA U.
RESEARCH ON CHEMICAL INTERMEDIATES, 2020 (Journal Indexed in SCI)
- II. **Photocatalytic degradation of methylene blue under visible light irradiation by non-peripherally tetra substituted phthalocyanine-TiO₂ nanocomposites**
Gördük S., Avciata O., Avciata U.
INORGANICA CHIMICA ACTA, vol.471, pp.137-147, 2018 (Journal Indexed in SCI)
- III. **Synthesis of Peripherally Tetrasubstituted Phthalocyanines and Their Applications in Schottky Barrier Diodes**
GÖRDÜK S., Koyun O., AVCIATA O., ALTINDAL A., Avciata U.
JOURNAL OF CHEMISTRY, 2017 (Journal Indexed in SCI)
- 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., Avciata U.
POLYHEDRON, vol.113, pp.35-49, 2016 (Journal Indexed in SCI)
- V. **Synthesis and fluorescence properties of metalloporphyrazines carrying 2-(ethyl)-1,3-dioxanethio-groups**
Kilicarslan F., ERDOĞMUŞ A., ERDEN İ., Avciata U.
JOURNAL OF CHEMICAL RESEARCH, pp.90-97, 2015 (Journal Indexed in SCI)
- VI. **A.c. and d.c. conduction processes in octakis[(4-tert-butylbenzylthio)-porphyrazinato]Cu(II) thin films with gold electrodes**
KESKİN B., ALTINDAL A., Avciata U., Gül A.
BULLETIN OF MATERIALS SCIENCE, vol.37, pp.461-468, 2014 (Journal Indexed in SCI)
- VII. **Photophysical, Photochemical, and BQ Quenching Properties of Zinc Phthalocyanines with Fused or Interrupted Extended Conjugation**
Gumrukcu G., Karaoglan G., ERDOĞMUŞ A., Gül A., Avciata U.
JOURNAL OF CHEMISTRY, 2014 (Journal Indexed in SCI)
- VIII. **Synthesis and EPR studies of soluble vanadyl octakis(4-tert-butylbenzylthio) porphyrazine**
Keskin B., Yerli Y., Avciata U.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, pp.2615-2622, 2013 (Journal Indexed in SCI)
- IX. **A novel phthalocyanine conjugated with four salicylideneimino complexes: Photophysics and fluorescence quenching studies**
Gumrukcu G., Karaoglan G., ERDOĞMUŞ A., Gül A., Avciata U.
DYES AND PIGMENTS, vol.95, pp.280-289, 2012 (Journal Indexed in SCI)
- X. **Photophysical and photochemical properties of novel phthalocyanines bearing non-peripherally substituted mercaptoquinoline moiety**
Yasa G., Erdogmus A., Ugur A. L. , Şener M. K. , Avciata U., Nyokong T.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.16, pp.845-854, 2012 (Journal Indexed in SCI)
- XI. **Influence of colemanite admixture on Portland cement durability**
Erdogmus E., Targan S., Erdogan Y., Avciata U., Gencil O.
ADVANCES IN CEMENT RESEARCH, vol.24, pp.155-164, 2012 (Journal Indexed in SCI)
- 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, pp.121-125, 2012 (Journal Indexed in SCI)
- 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, pp.121-125, 2012 (Journal Indexed in SCI Expanded)
- XIV. **Synthesis, characterization, electrochemistry and spectroelectrochemistry of novel soluble porphyrazines bearing unsaturated functional groups**
AVCIATA U.
Dyes and Pigments, vol.92, pp.610-618, 2012 (Journal Indexed in SCI Expanded)
- XV. **Synthesis of Non-Peripherally Substituted Tetra(Dihexylmalonate) Alcohol Soluble Phthalocyanines**
AVCIATA U.
Journal of Coordination Chemistry, vol.64, pp.2936-2944, 2011 (Journal Indexed in 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, pp.11-20, 2011 (Journal Indexed in SCI)
- 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, pp.17-23, 2011 (Journal Indexed in SCI)
- XVIII. **Synthesis of non-peripherally substituted tetra(dihexylmalonate) alcohol soluble phthalocyanines**
Korkut S., Avciata U., ŞENER M. K.
JOURNAL OF COORDINATION CHEMISTRY, vol.64, pp.2936-2944, 2011 (Journal Indexed in SCI)
- 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, pp.3310-3317, 2010 (Journal Indexed in SCI)
- 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, pp.1901-1908, 2010 (Journal Indexed in 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 (Journal Indexed in SCI)
- 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, pp.3999-4006, 2010 (Journal Indexed in 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 (Journal Indexed in SCI)
- 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, pp.2953-2958, 2010 (Journal Indexed in SCI)
- 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, pp.3999-4006, 2010 (Journal Indexed in SCI)

- XXVI. **Derivatization and in situ metallation of phthalocyanines using click chemistry**
Yilmaz Y., ŞENER M. K., ERDEN İ., Avciata U.
POLYHEDRON, vol.28, pp.3419-3424, 2009 (Journal Indexed in SCI)
- 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, pp.241-253, 2009 (Journal Indexed in 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, pp.241-253, 2009 (Journal Indexed in SCI)
- XXIX. **Synthesis and Characterization of New D-pi-D Type Schiff Base Ligands**
AVCIATA U.
POLISH JOURNAL OF CHEMISTRY, vol.83, pp.1147-1152, 2009 (Journal Indexed in SCI Expanded)
- XXX. **Synthesis and Characterization of New D-pi-D Type Schiff Base Ligands**
Karaoglan G., ERDEN İ., Avciata U.
POLISH JOURNAL OF CHEMISTRY, vol.83, pp.1147-1152, 2009 (Journal Indexed in SCI)
- 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, pp.144-151, 2009 (Journal Indexed in SCI)
- 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, pp.90-92, 2009 (Journal Indexed in SCI)
- XXXIII. **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, pp.439-442, 2008 (Journal Indexed in SCI)
- XXXIV. **Synthesis and EPR studies of porphyrazines with bulky substituents**
KESKİN B., Koeseoglu Y., Avciata U., Guel A.
POLYHEDRON, vol.27, pp.1155-1160, 2008 (Journal Indexed in SCI)
- XXXV. **Synthesis and EPR studies of porphyrazines with bulky substituents**
KESKİN B., KÖSEOĞLU Y., AVCIATA U., GÜL A.
Polyhedron, vol.27, pp.1155-1160, 2008 (Journal Indexed in SCI)
- XXXVI. **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, pp.2649-2654, 2008 (Journal Indexed in SCI)
- XXXVII. **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, pp.1725-1734, 2007 (Journal Indexed in SCI)
- XXXVIII. **Synthesis and characterisation of a new Schiff base and its metal complexes**
AVCIATA U.
INDIAN JOURNAL OF CHEMISTRY, vol.46, pp.1273-1276, 2007 (Journal Indexed in SCI Expanded)
- XXXIX. **Functionalisation of the 1,3-bis(2-pyridylimino)isoindole (BPI) ligand via esterification**

- AVCIATA U.
JOURNAL OF CHEMICAL RESEARCH-S, vol.2007, pp.138-140, 2007 (Journal Indexed in SCI Expanded)
- XL. **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, pp.1395-1399, 2006 (Journal Indexed in SCI)
- 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, pp.559-562, 2006 (Journal Indexed in SCI)
- 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, pp.729-732, 2005 (Journal Indexed in SCI)
- 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, pp.782-785, 2004 (Journal Indexed in SCI)
- 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 I., AVCIATA U.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.32, pp.1361-1372, 2002 (Journal Indexed in SCI)
- 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, pp.283-293, 1999 (Journal Indexed in SCI)
- XLVII. **Synthesis of N,N '-bis[(benzo-15-crown-5)-oymethyl]diaminoglyoxime and its metal complexes**
AVCIATA U., Demirhan N., Gul A.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.29, pp.827-840, 1999 (Journal Indexed in SCI)
- XLVIII. **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, pp.393-403, 1998 (Journal Indexed in SCI)
- XLIX. **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, pp.9-18, 1998 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- L. **INVESTIGATIONS OF THE INTERACTION OF 4 ',5 '-BIS(SALICYLIDENEIMINO) BENZO-15-CROWN-5 WITH TRANSITION AND ALKALI METAL IONS AND THE URANYL CATION**

Books & Book Chapters

- I. **Synthesis and Characterization of Novel Peripherally 3-Bromo-1-Phenyl-1-Propene Derivative of Porphyrzine**
Keskin B., Avcıata 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 Porphyrzine**
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., Avcıata O., Avcıata 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 Süstitüe Kobalt Ftalosiyenin 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 Hidrothermal 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**
Avcıata O., Neccaroğlu Işık S., Avcıata 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 IŞIK 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 porphyrzines peripherally substituted alkenyl moiety**
KESKİN B., Altındal A., Avcıata 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**
Avcıata O., Avcıata 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., Avcıata 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 Porphyrine 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. Periferel Konumda Alkin Bağlı Asimetrik Ftalosiyeninlerin Voltametrik ve Spektroelektrokimyasal Karakterizasyonu**
Keskin B., Koyun Ö., Gördük S., Koca A., Avcıata U.
Uluslararası Katılımlı Elektrokimya Çalıştay, Muğla, Turkey, 23 June 2013, vol.1, no.1, pp.145
- XIV. Periferel 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**
Avcıata O., Benli Y., Avcıata 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 Periferel Konumlarda Diester Grubu İçeren Metalli Ftalosiyeninlerin Sentezi**
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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., Avciata U., Gül A.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XXV. **Oktakis 4 tert Butilbenziltiyo Sübstitüentli Porfirazin Türevlerinin Ozonizasyonunda UV Visible Spektrofotometrik Yöntem Kullanılarak Renk Değişiminin İncelenmesi**
KESKİN B., TURHAN K., AVCIATA U.
22. Ulusal Kimya Kongresi, MAĞUSA, Cyprus (Kkct), 6 - 10 October 2008
- XXVI. **New Novel Soluble Porphyrzine Synthesis including various functional groups to investigate electrochemical properties**
Tuncer S., Keskin B., Erden İ., Avciata 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., Avciata U.
XXIII. Ulusal Kimya Kongresi, 01 August 2009
- XXVIII. **Voltammetric and Electro chemical measurements of 3 phenyl 2 propene heterocycle fused porphyrzines**
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**
Avciata O., Avciata U.
Ecers XII, 12th Conference of the European Ceramic Society, Stockholm, Sweden, 19 - 23 June 2011, pp.1
- XXX. **V2O5 Dop Edilmiş Nano TiO₂ Sentezi ve Uygulaması**
Avciata U., Avciata 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 Porphyrzine**
KESKİN B., Avciata 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 Porphyrzine Containing 3-Phenylpropyl Bromide Group and Investigation of Its Complexes**
ERDOĞMUŞ A., Avciata 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. , Avciata 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 Porphyrzine Containing 1-Bromo-3-Methylbutan Group and Investigation of Its Complexes**
Erdoğmuş A., Karaoglan G., Avciata 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 Porphyrzine 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 Porphyrzine**
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 Phorphyrzine**
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 Katalizörlüğünde Yükseltgenme Ürünlerinin İncelenmesi**
Avciata U., Demiryurek B., AVCIATA O.
XVII. Ulusal Kimya Kongresi, 01 May 2003
- XLII. **Potantimetric Studies of Copper(II), Nickel(II), and Cobalt(II) Complexes of the 1,10 Phenantroline-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 Supported Projects, Nano TiO₂ in nano gümüş iyonlarıyla doplanması, Özelliklerinin İncelenmesi, 2011 - 2013
- AVCIATA U., Project Supported by Higher Education Institutions, NANO TiO₂ – B₂O₃ Doplanması, Yapısının ve Özelliklerinin İncelenmesi, 2011 - 2012
- AVCIATA U., Other Supported Projects, Yeni Tip Gruplar İçeren Ftalosiyanın Sentezi, Karakterizasyonu, Komplekslerinin, 2010 - 2012
- AVCIATA U., Other Supported Projects, Yanmazlık özelliği taşıyan Doplanmış 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, Stabilitate Sabitlerinin Tayin Edilmesi, 1996 - 1999

Citations

Total Citations (WOS):487

h-index (WOS):14