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Yoksis Araştırmacı ID: 29098

Eğitim Bilgileri

Doktora, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Türkiye 1991 - 1995

Yüksek Lisans, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 1989 - 1991

Lisans, Atatürk Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Alkil metakrilatların fiziksel ve termodinamik özelliklerinin incelenmesi, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1995

Yüksek Lisans, Bazı polimerlerin değişik fiziksel özelliklerinin belirlenmesi, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1991

Araştırma Alanları

Kimya, Fizikokimya, İletken Polimerler, Polimerik Malzemeler, Termodinamik, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2007 - Devam Ediyor

Doç. Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2002 - 2007

Yrd. Doç. Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 1999 - 2002

Araştırma Görevlisi, Kahramanmaraş Sütçü İmam Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1993 - 1999

Araştırma Görevlisi, Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1989 - 1993

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2014 - 2020

Merkez Müdürü, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2007 - 2015

Enstitü Müdürü, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2011 - 2013

BAP Koordinatörü, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2011 - 2013

Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2009 - 2012

BAP Koordinatörü, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2004 - 2008

Bölüm Başkan Yardımcısı, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2002 - 2006

Verdiği Dersler

Polimer Kimyasına Giriş, Lisans, 2019 - 2020

Fizikokimya-I, Lisans, 2020 - 2021

Bazı Enstrümental Yöntemler ve Uygulamaları-I, Yüksek Lisans, 2019 - 2020

Polimer Teknolojisi-II, Doktora, 2018 - 2019

Termal Analiz Yöntemleri, Lisans, 2019 - 2020

Bazı Enstrümental Yöntemler ve Uygulamaları-II, Yüksek Lisans, 2018 - 2019

Genel Kimya-II, Lisans, 2017 - 2018

Polimer Teknolojisi-I, Doktora, 2018 - 2019

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Yönetilen Tezler

Kaya İ., Konjuge Poli(Azometin)lerin Sentezi ve Optik, Elektrokimyasal, Termal, Fiziksel Özelliklerinin Belirlenmesi , Doktora, R.NİLAY(Öğrenci), Devam Ediyor

Kaya İ., Karbazol ve Pirol Birimleri İçeren İletken Polimerlerin Sentezi ve Karakterizasyonu, Doktora, A.Çağlar(Öğrenci), Devam Ediyor

Kaya İ., Triazin Birimi İçeren Poli(azometin)lerin Sentezi ve Karakterizasyonu, Yüksek Lisans, M.CİCİGÜL(Öğrenci), 2023

Kaya İ., Benzo-1,2,4-triazol birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu, Yüksek Lisans, E.DİNÇER(Öğrenci), 2022

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KAYA İ., Kitosan birimi içeren iletken kompozitlerin sentezi ve uygulama alanlarının incelenmesi, Doktora, A.Ömer(Öğrenci), 2019

KAYA İ., İmin ve Kalkon yan gruplar taşıyan metakrilat polimerlerinin sentezi, termal, elektriksel ve biyolojik özellikleri, Doktora, A.SOLMAZ(Öğrenci), 2019

Kaya İ., İmin ve eterik temelli ikincil yapı birimi içeren kafes yapıların sentezi, karakterizasyonu ve uygulama alanlarının belirlenmesi, Yüksek Lisans, R.ELA(Öğrenci), 2019

Kaya İ., Çelikhane baca tozundan çinko oksit ve çinkonun (ZnO/Zn) ayrıştırılması, Yüksek Lisans, İ.ARDA(Öğrenci), 2018

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Kaya İ., İmin bağı içeren hidrojenlerin sentezi ve karakterizasyonu, Yüksek Lisans, B.AYTEN(Öğrenci), 2016

Kaya İ., Fenotiyazin birimi içeren polimerlerin sentezi ve karakterizasyonu, Yüksek Lisans, R.NİLAY(Öğrenci), 2016

KAYA İ., Piridin ve pirimidin grupları içeren polifenollerin sentezi ve karakterizasyonu, Doktora, H.KARAER(Öğrenci), 2015

KAYA İ., Ana zincirinde azometin bağı içeren poliesterlerin sentezi, karakterizasyonu ve termal özellikleri, Doktora, K.TEMİZKAN(Öğrenci), 2014

KAYA İ., Ana zincirinde azometin bağı içeren poliüretanların sentezi ve karakterizasyonu, Doktora, M.KAMACI(Öğrenci), 2014

Kaya İ., Metil ve hidroksil grupları içeren imin polimerlerinin sentezi ve karakterizasyonu, Yüksek Lisans, Z.FULYA(Öğrenci), 2014

Kaya İ., Perilaldehit ile aminopiridinlerin kondenzasyon tepkimeleri ve radikalik polimerizasyonları, Yüksek Lisans, T.PÜSKÜL(Öğrenci), 2013

Kaya İ., Poli (Sikloheksil metakrilat) ve poli (Benzil metakrilat)'ın invers gaz kromatografisi ile termodinamik özelliklerinin belirlenmesi, Yüksek Lisans, Ç.YİĞİT(Öğrenci), 2013

Kaya İ., Fenolik grup içeren imin polimerlerinin sentezi ve termal özellikleri, Yüksek Lisans, S.ÇÖPÜR(Öğrenci), 2013

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KAYA İ., Poli (aminotiyazol)ler ve azometin türevlerinin sentezi ve karakterizasyonu, Doktora, M.YILDIRIM(Öğrenci), 2012

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Kaya İ., Alifatik etoksisilan grubu içeren imin polimerlerinin sentezi ve karakterizasyonu, Yüksek Lisans, M.ESMA(Öğrenci), 2012

Kaya İ., Alifatik metilsilan grubu içeren imin polimerlerinin sentezi ve karakterizasyonu, Yüksek Lisans, N.ÇITAKOĞLU(Öğrenci), 2012

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Kaya İ., 4-[(o-tolilimino)metil]fenol ve 4-[(p-tolilimino)metil]fenol'ün azometin polimerlerinin sentezi ve karakterizasyonu, Yüksek Lisans, M.YILDIRIM(Öğrenci), 2007

Kaya İ., Oligo-2-[(4-bromfenil)iminometil]fenol'ün sentezi, optimum reaksiyon şartları ve termal özellikleri, Yüksek Lisans, A.SOLGÜNTEKİN(Öğrenci), 2005

Kaya İ., 2-[(pridin-2-il-metilen)amino] pridin-3-ol'ün sentezi, polimerizasyonu ve bazı fiziksel özelliklerinin incelenmesi, Yüksek Lisans, S.ÇULHAOĞLU(Öğrenci), 2005

Kaya İ., Oligo-2-[(piridin-4-il-metilen)amino] piridin-3-ol'ün sentezi ve karakterizasyonu, Yüksek Lisans, M.GÜL(Öğrenci), 2005

Kaya İ., Oligo-N-4-aminopiridinil salisilaldimin'in oksidatif polikondenzasyon ile sentezi ve özelliklerinin belirlenmesi, Yüksek Lisans, S.KOYUNCU(Öğrenci), 2003

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Kaya İ., 2-hidroksibenzaldehit ile 2-aminopiridin schiff bazı reaksiyonu ve oksidatif polikondenzasyonu, Yüksek Lisans, N.CİHANGİROĞLU(Öğrenci), 2002

Kaya İ., Oligo 3-aminopiridin schiff bazının sentezi ve özelliklerinin incelenmesi, Yüksek Lisans, R.GÜLEL(Öğrenci), 2001

Kaya İ., Oligo 2-hidroksi-1-naftaldehit schiff bazı oligomerlerinin sentez ve özelliklerinin incelenmesi, Yüksek Lisans, D.ŞENOL(Öğrenci), 2001

Kaya İ., Oligosalisilik asitin sentezi, sentez şartları ve özelliklerinin incelenmesi, Yüksek Lisans, D.BAGANA(Öğrenci), 2001

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Oligomerization of dibrominated aminophenol on the basis of the chemical and HRP-catalyzed oxidative processes: Characterization and photoluminescence properties**
KOLCU F., KAYA İ.
DYES AND PIGMENTS, cilt.227, 2024 (SCI-Expanded)
- II. **Synthesis of carbazole-based Schiff base and fluorescence turn on sensor sensitive to Cr³⁺ ion: Oxidative and electrochemical polymerization and investigation of electrochromic properties**
Çağlar Dallyan A., Kaya İ.
EUROPEAN POLYMER JOURNAL, cilt.215, ss.1-16, 2024 (SCI-Expanded)
- III. **Comparative Study of Bis-Schiff Case Containing Conjugated Oligomers Based on Phosphate and Silane Moieties: Investigation of Photophysical and Thermal Properties**
Kolcu F., Çulhaoğlu S., Kaya İ.
ACS OMEGA, cilt.9, sa.23, ss.24789-24806, 2024 (SCI-Expanded)
- IV. **Synthesis, characterization, thermal and electrochemical properties of poly (phenoxy-imine)s containing benzothiazole unit**
KAYA İ., Dincer E., Yagmur H. K.
POLYMER BULLETIN, cilt.81, sa.8, ss.7231-7254, 2024 (SCI-Expanded)
- V. **The preparation and characterization of poly(acrylamide) hydrogel embedded chitosan/polypyrrole nanoparticle for methyl orange removal**
Yaşar A. Ö., Kaya İ.
POLYMER BULLETIN, cilt.81, sa.5, ss.4237-4255, 2024 (SCI-Expanded)
- VI. **Synthesis of pyrene and pyrrole-appended fluorescent turn-off sensor toward Cr(VI) detection: Chemical oxidative and electrochemical polymerization of carboxamide**
Kaya İ., Karacan Yeldir E., Kolcu F., Erdener D.
Journal of Photochemistry and Photobiology A: Chemistry, cilt.449, 2024 (SCI-Expanded)
- VII. **Investigation of electrochemical, optical, and thermal properties via oligomerization of aminophenol monomer containing halogen and nitro groups using two distinct oxidants**
Yeldir E. K., KOLCU F., KAYA İ.
Reactive and Functional Polymers, cilt.193, 2023 (SCI-Expanded)
- VIII. **Synthesis and characterization of cage structured flame resistant melamine and pentaerythritol based polymer networks**
KAYA İ., İriş R. E., Yağmur H. K.
Journal of Polymer Research, cilt.30, sa.10, 2023 (SCI-Expanded)
- IX. **Synthesis, characterization, photophysical and surface properties of poly(amino naphthalene) and**

its poly(azomethine) compound

KAYA İ., Akyüz B., Özel Ş.

Journal of Applied Polymer Science, cilt.140, sa.27, 2023 (SCI-Expanded)

- X. **Synthesis and investigation of bis(phenyl)fluorene and carbazole appended dipodal Schiff base for fluorescence sensing towards Sn(II) ion and its regioselective polymerization**
KOLCU F., Çulhaoğlu S., KAYA İ.
Journal of Photochemistry and Photobiology A: Chemistry, cilt.441, 2023 (SCI-Expanded)
- XI. **Influence of the enzymatic and the chemical oxidative polymerization of trifluoromethyl-substituted aromatic diamine on thermal and photophysical properties**
SÖYÜT H., KOLCU F., KAYA İ., Yaşar A. Ö.
Polymers for Advanced Technologies, cilt.34, sa.4, ss.1293-1306, 2023 (SCI-Expanded)
- XII. **Chitosan based hybrid hydrogels for drug delivery: Preparation, biodegradation, thermal, and mechanical properties**
KAMACI M., KAYA İ.
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.34, sa.2, ss.779-788, 2023 (SCI-Expanded)
- XIII. **Synthesis, characterization, reaction conditions, conductivity and thermal properties of poly(phenoxy-imine)s containing methoxy unit**
KAYA İ., Koça S., Yağmur H. K.
Journal of Molecular Structure, cilt.1272, 2023 (SCI-Expanded)
- XIV. **Synthesis and Characterization of a Carbazole-Based Schiff Base Capable of Detection of Al³⁺ in Organic/Aqueous Media**
Erdener D., KAYA İ.
JOURNAL OF FLUORESCENCE, cilt.32, sa.6, ss.2097-2106, 2022 (SCI-Expanded)
- XV. **Fabrication of biodegradable hydrogels based on chitosan and poly(azomethine-urethane) containing phenyl triazine for drug delivery**
Kamaci M., KAYA İ.
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.33, sa.9, ss.2645-2655, 2022 (SCI-Expanded)
- XVI. **The monomers and polymers of azomethine-based thiocarbohydrazones: Fluorescent activities, fluorescence quantum yields of polymers in water and DMF solutions**
KAYA İ., Temizkan K., Kaya Y., Ercag A.
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, cilt.282, 2022 (SCI-Expanded)
- XVII. **Synthesis, characterization, thermal and kinetic properties of chalcone methacrylamide polymers containing halogen group in side chain**
Solmaz A., İlter Z., Kaya İ.
POLYMER BULLETIN, cilt.79, sa.7, ss.5041-5061, 2022 (SCI-Expanded)
- XVIII. **Carbazole-based Schiff base: A sensitive fluorescent ?turn-on? chemosensor for recognition of Al(III) ions in aqueous-alcohol media**
KOLCU F., KAYA İ.
ARABIAN JOURNAL OF CHEMISTRY, cilt.15, sa.7, 2022 (SCI-Expanded)
- XIX. **Facile one-pot synthesis of water-soluble conjugated polymers derived from 7-amino-4-hydroxy-2-naphthalenesulfonic acid: Synthesis and photoluminescence properties**
KAYA İ., Akyuz B., KOLCU F., Soyut H.
REACTIVE & FUNCTIONAL POLYMERS, cilt.175, 2022 (SCI-Expanded)
- XX. **Synthesis, characterization and investigation of fluorescent Sn²⁺ probe potential of pyrene-derived monomer and its oligo(azomethine) compound**
Karacan E., Kaya İ.
EUROPEAN POLYMER JOURNAL, cilt.172, 2022 (SCI-Expanded)
- XXI. **Ni(II), Zn(II), and Fe(III) complexes derived from novel unsymmetrical salen-type ligands: preparation, characterization and some properties**
Dilmen Portakal E., Kaya Y., Demirayak E., Karacan Yeldir E., Ercag A., KAYA İ.

JOURNAL OF COORDINATION CHEMISTRY, cilt.75, sa.5-6, ss.611-628, 2022 (SCI-Expanded)

- XXII. **Synthesis and characterization and some properties of conjugated imine bonding polymers containing pyridine and vinyl units**

KAYA İ., PÜSKÜL T., Yagmur H. K.

JOURNAL OF POLYMER RESEARCH, cilt.29, sa.4, 2022 (SCI-Expanded)

- XXIII. **Synthesis of poly(4-aminosalicylic acid) through enzymatic and oxidative polycondensation by H₂O₂ oxidant**

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IRANIAN POLYMER JOURNAL, cilt.31, sa.2, ss.199-214, 2022 (SCI-Expanded)

- XXIV. **The green synthesis of oligo(azomethine)s based on p-anisidine and o-anisidine: reaction conditions, electrochemical and thermal properties**

KAYA İ., Koca S., Yagmur H. K.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.59, sa.12, ss.849-862, 2022 (SCI-Expanded)

- XXV. **Synthesis and characterization of a pyrene-based Schiff base and its oligomer: Investigation of fluorescent Cr³⁺ probe**

Yeldir E., Erdener D., KAYA İ.

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- XXVI. **Enzyme Catalyzed Synthesis of Water Soluble Mesalazine Oligomers and Evaluation of their Efficiency in Polypropylene Stabilization**

Bilici A., Cogal Y., Gecibesler I. H., Kaya İ.

POLYMER SCIENCE SERIES B, cilt.63, sa.6, ss.710-721, 2021 (SCI-Expanded)

- XXVII. **Comparative study on oxidative and enzyme catalyzed oxidative polymerization of aminophenol compound containing dihalogen**

KAYA İ., Yeldir E. K.

JOURNAL OF POLYMER RESEARCH, cilt.28, sa.10, 2021 (SCI-Expanded)

- XXVIII. **Investigation of horseradish peroxide and hydrogen peroxide mediated synthesis of amino-functional oligomers: Characterization and fluorescence study**

KOLCU F., KAYA İ.

SYNTHETIC METALS, cilt.280, 2021 (SCI-Expanded)

- XXIX. **Preparation of biodegradable, and pH-sensitive poly(azomethine)-chitosan hydrogels for potential application of 5-fluoro uracil delivery**

Kamaci M., KAYA İ.

EUROPEAN POLYMER JOURNAL, cilt.158, 2021 (SCI-Expanded)

- XXX. **Synthesis of phosphate and silane-based conjugated polymers derived from bis-azomethine: Photophysical and thermal characterization**

Culhaoglu S., KOLCU F., KAYA İ.

REACTIVE & FUNCTIONAL POLYMERS, cilt.166, 2021 (SCI-Expanded)

- XXXI. **Synthesis, Characterization, Thermal Behavior, and Dielectric Properties of Methacrylate Polymers Containing Imine Bonding**

Solmaz A., İltar Z., Kaya İ.

JOURNAL OF ELECTRONIC MATERIALS, cilt.50, sa.9, ss.5348-5358, 2021 (SCI-Expanded)

- XXXII. **Synthesis, characterization, and investigation of some properties of the new symmetrical bisimine Ni(II), Zn(II), and Fe(III) complexes derived from the monoimine ligand**

Portakal E. D., Kaya Y., Demirayak E., Yeldir E., Ercag A., Kaya İ.

APPLIED ORGANOMETALLIC CHEMISTRY, cilt.35, sa.8, 2021 (SCI-Expanded)

- XXXIII. **Synthesis and characterization of poly(urethane)/silver composites via in situ polymerization**

Yagmur H. K., KAYA İ.

POLYMER COMPOSITES, cilt.42, sa.6, ss.2704-2716, 2021 (SCI-Expanded)

- XXXIV. **Synthesis, characterization and thermal properties of chalcone methacrylamide polymers containing methoxy group in side chain**

- Solmaz A., Ilter Z., Kaya İ.
JOURNAL OF POLYMER RESEARCH, cilt.28, sa.6, 2021 (SCI-Expanded)
- XXXV. **A Novel Sensitive and Selective Amperometric Detection Platform for the Vanillin Content in Real Samples**
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ELECTROANALYSIS, cilt.33, sa.6, ss.1615-1622, 2021 (SCI-Expanded)
- XXXVI. **Synthesis and multicolor, photophysical, thermal, and conductivity properties of poly(imine)s**
Kaya İ., Solak E., Kamaci M.
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- XXXVII. **Synthesis and characterization of magnetic ZnCl₂-activated carbon produced from coconut shell for the adsorption of methylene blue**
Yagmur H. K., KAYA İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1232, 2021 (SCI-Expanded)
- XXXVIII. **Synthesis and characterization of a highly selective turn-on fluorescent chemosensor for Sn²⁺ derived from diimine Schiff base**
Kolcu F., Erdener D., Kaya İ.
SYNTHETIC METALS, cilt.272, 2021 (SCI-Expanded)
- XXXIX. **Synthesis and characterization of Schiff base, Co(II) and Cu(II) metal complexes and poly(phenoxy-imine)s containing pyridine unit**
KAYA İ., Daban S., Senol D.
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- XL. **An electrochemical detection platform for selective and sensitive voltammetric determination of quercetin dosage in a food supplement by poly(9-(2-(pyren-1-yeethyl)-9h-carbazole) coated indium tin oxide electrode**
KARAKAYA S., KAYA İ.
POLYMER, cilt.212, 2021 (SCI-Expanded)
- XLI. **Synthesis, characterization, thermal and band gap values of poly(azomethine-ether)s containing aromatic and aliphatic group**
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- LXV. **3-Aminopropyltriethoxysilane-mediated (phenoxy-imine) polymers: synthesis and characterization**
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- CXL. **Photophysical, Electrochemical, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Bonding**

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Metrikler

Yayın: 463

Atıf (WoS): 4508

Atıf (Scopus): 4681

H-İndeks (WoS): 31

H-İndeks (Scopus): 32

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